Keuwl Accelerometer Data File

2024-04-22 16:09:49

Time (s), X (m/s2), Y (m/s2), Z (m/s2), R (m/s2), Theta (deg), Phi (deg)

0.0000000,1.173081,9.332008,2.110170,9.639259,77.354736,82.835205

0.0025151,1.228116,9.437292,2.076372,9.740743,77.692184,82.585518

0.0050146,1.208974,9.492328,2.076372,9.791692,77.757225,82.741699

0.0075293,1.185045,9.562018,2.081157,9.857370,77.811592,82.935211

0.0100440,1.141975,9.662517,2.026123,9.938486,78.236855,83.259705

0.0125587,1.141975,9.741480,1.983052,10.006649,78.569832,83.313843

0.0150734,1.060320,9.813564,1.999802,10.071222,78.546890,83.833321

0.0175881,0.943071,9.870992,1.968695,10.109482,78.770615,84.542542

0.0201028,0.878465,9.921241,1.985445,10.156018,78.726395,84.940010

0.0226174,0.854238,9.942777,2.004587,10.178747,78.642014,85.089470

0.0251535,0.772882,9.952348,1.949552,10.170905,78.949196,85.559425

0.0276688,0.703490,9.957133,1.966302,10.173777,78.856224,85.958664

0.0301840,0.684347,9.949955,2.062015,10.184392,78.318672,86.065453

0.0326992,0.674776,9.935597,2.093421,10.176140,78.128433,86.114723

0.0352145,0.720240,9.921241,2.078765,10.162235,78.196388,85.847855

0.0377297,0.751346,9.818350,2.086242,10.065631,78.037941,85.623985

0.0402449,0.768096,9.777672,2.095814,10.029221,77.937958,85.508293

0.0427602,0.741775,9.796814,2.083550,10.043355,78.026711,85.670059

0.0452781,0.751346,9.765409,2.052444,10.007010,78.164612,85.600357

0.0477934,0.760918,9.777672,2.040479,10.017256,78.246796,85.550102

0.0503087,0.782453,9.743873,2.059622,9.989861,78.101929,85.408882

0.0528240,0.796810,9.724730,2.112563,9.983397,77.783417,85.315849

0.0553393,0.823131,9.640982,2.124527,9.906548,77.616333,85.120018

0.0578546,0.861416,9.597911,2.136492,9.870488,77.499245,84.871422

0.0603699,0.945464,9.540483,2.117349,9.818242,77.546066,84.340454

0.0628852,1.010070,9.446864,2.131706,9.736922,77.353798,83.897049

0.0653552,1.026820,9.410972,2.124527,9.702287,77.351349,83.773155

0.0678223,1.120140,9.434899,2.117349,9.734229,77.436836,83.229362

0.0703353,1.180260,9.272188,2.160420,9.593430,76.985489,82.745811

0.0728483,1.089033,9.137891,2.105385,9.440323,77.113503,83.203674

0.0753613,1.036391,9.166604,2.009373,9.441308,77.711884,83.549438

0.0778744,1.029213,9.173783,1.985445,9.442435,77.861923,83.598717

0.0803873,1.024427,9.152247,1.992623,9.422506,77.791206,83.613365

0.0829003,1.067498,9.147462,2.040479,9.432877,77.507271,83.343758

0.0854390,1.124926,9.154640,2.033301,9.444957,77.568100,82.994591

0.0879526,1.077069,9.159426,2.059622,9.449719,77.410995,83.293312

0.0904662,1.065105,9.197711,2.028515,9.478777,77.642784,83.394508

0.0929799,1.029213,9.250652,1.956731,9.511186,78.127800,83.651474

0.0954935,1.036391,9.305687,1.995016,9.573400,77.971893,83.645050

0.0980072,0.995713,9.363115,1.997409,9.625436,78.023315,83.929741

0.1005208,0.971785,9.420543,2.042872,9.688360,77.827339,84.110428

0.1030345,0.957428,9.463614,2.045265,9.729325,77.864960,84.223076

0.1055458,0.995713,9.477970,2.076372,9.753701,77.708794,84.002762

0.1080594,0.926321,9.487542,2.059622,9.752619,77.808105,84.423569

0.1105730,0.909572,9.545269,2.062015,9.807721,77.863350,84.556702

0.1130865,0.902393,9.564411,2.054837,9.824185,77.926811,84.610153

0.1156001,0.861416,9.638589,2.095814,9.901357,77.779800,84.892952

0.1181137,0.861416,9.693624,2.126920,9.961535,77.671677,84.921799

0.1206273,0.890429,9.727123,2.119742,9.995153,77.755905,84.769676

0.1231409,0.950250,9.736694,2.158027,10.018147,77.560310,84.425888

0.1256528,0.950250,9.693624,2.143670,9.973196,77.587807,84.401276

0.1281663,0.947857,9.662517,2.100599,9.933537,77.791756,84.397423

0.1306798,1.002892,9.655338,2.165205,9.945827,77.426025,84.070000

0.1331934,0.995713,9.657731,2.146063,9.943279,77.535744,84.113594

0.1357069,1.050748,9.631411,2.150848,9.924429,77.483391,83.773880

0.1382205,1.084248,9.557233,2.172384,9.860808,77.273064,83.527588

0.1407340,1.139582,9.502198,2.198705,9.819609,77.061234,83.161278

0.1432475,1.201795,9.434899,2.169991,9.755537,77.147797,82.740891

0.1457712,1.259223,9.406186,2.172384,9.735565,77.106537,82.375046

0.1482850,1.273580,9.434899,2.136492,9.757251,77.351776,82.312340

0.1507988,1.249652,9.439685,2.119742,9.755131,77.449791,82.458878

0.1533126,1.292722,9.413364,2.158027,9.743698,77.204071,82.180573

0.1558264,1.280758,9.439685,2.174777,9.771266,77.140060,82.273399

0.1583402,1.261616,9.463614,2.131706,9.782424,77.413589,82.406540

0.1608540,1.278365,9.473185,2.201098,9.809194,77.032913,82.314606

0.1633678,1.223331,9.492328,2.229812,9.827150,76.885185,82.656441

0.1659128,1.378864,9.755837,2.246561,10.105675,77.155434,81.955254

0.1684418,1.170689,9.710373,2.153241,10.014904,77.584259,83.125565

0.1709567,0.978964,9.454042,2.193919,9.754515,77.002228,84.088104

0.1734717,0.964607,9.351151,2.169991,9.647971,77.002014,84.110550

0.1759866,1.002892,9.422935,2.189134,9.725729,76.992012,83.924828

0.1785015,0.964607,9.485149,2.184348,9.781099,77.095695,84.193184

0.1810165,1.031606,9.360723,2.186741,9.667946,76.927452,83.711052

0.1835314,1.041177,9.308080,2.177170,9.615845,76.913910,83.617577

0.1860210,1.014856,9.327223,2.189134,9.634278,76.866341,83.790314

0.1885353,1.014856,9.346365,2.189134,9.652812,76.892006,83.802933

0.1910496,1.026820,9.375079,2.220240,9.688960,76.752876,83.749504

0.1935639,1.007677,9.425328,2.256133,9.743837,76.611977,83.897591

0.1960782,0.993321,9.521340,2.284847,9.841907,76.576027,84.044121

0.1985925,0.974178,9.554840,2.301596,9.876302,76.523750,84.178444

0.2011068,0.943071,9.633803,2.289632,9.946958,76.692085,84.409019

0.2036211,0.921536,9.638589,2.335096,9.960135,76.441139,84.538612

0.2061380,0.928714,9.684052,2.332703,10.004243,76.516144,84.522011

0.2086524,0.895215,9.664909,2.325525,9.980979,76.526497,84.708061

0.2111668,0.902393,9.676874,2.347060,9.998244,76.423279,84.672432

0.2136811,0.866202,9.741480,2.342274,10.056490,76.531441,84.918686

0.2161955,0.878465,9.712767,2.354537,10.032616,76.426750,84.831978

0.2187098,0.837488,9.724730,2.376073,10.045770,76.318481,85.077866

0.2212242,0.854238,9.739087,2.392823,10.065045,76.247047,84.987282

0.2237386,0.890429,9.739087,2.402394,10.070460,76.198524,84.776062

0.2262613,0.911965,9.739087,2.385644,10.068406,76.293785,84.650444

0.2287759,0.890429,9.746265,2.344667,10.063798,76.527397,84.779892

0.2312905,0.873679,9.703195,2.327917,10.016711,76.561394,84.854942

0.2338050,0.856631,9.676874,2.327917,9.989740,76.524429,84.941162

0.2363196,0.851845,9.655338,2.296811,9.961251,76.669106,84.958122

0.2388342,0.868595,9.652946,2.320739,9.965924,76.534058,84.858238

0.2413488,0.859023,9.643374,2.284847,9.947517,76.721169,84.909576

0.2438634,0.897608,9.595518,2.268097,9.900703,76.756828,84.655846

0.2464084,0.878465,9.578768,2.225026,9.872954,76.975616,84.760086

0.2489439,0.897608,9.557233,2.229812,9.854870,76.922729,84.634567

0.2514597,0.904786,9.473185,2.258525,9.780634,76.648872,84.544220

0.2539756,0.928714,9.425328,2.256133,9.735988,76.600983,84.372589

0.2564914,0.947857,9.442079,2.263311,9.755709,76.585228,84.267487

0.2590072,0.950250,9.425328,2.260918,9.739176,76.576508,84.242966

0.2615230,0.981356,9.434899,2.260918,9.751520,76.593811,84.061821

0.2640388,1.012463,9.389436,2.248954,9.707954,76.605118,83.845573

0.2665173,0.986142,9.399008,2.244169,9.713399,76.641785,84.010452

0.2690322,0.983749,9.408579,2.244169,9.722418,76.654404,84.030914

0.2715471,0.995713,9.399008,2.263311,9.718815,76.533348,83.952751

0.2740620,0.988535,9.389436,2.229812,9.701071,76.711632,83.989952

0.2765768,1.005285,9.437292,2.258525,9.755717,76.614136,83.919632

0.2790918,1.010070,9.422935,2.294418,9.750708,76.390228,83.881668

0.2816067,1.007677,9.451650,2.313560,9.782722,76.320259,83.914459

0.2841216,0.990928,9.432507,2.296811,9.758558,76.386932,84.002815

0.2866236,1.017249,9.502198,2.306382,9.830868,76.431595,83.889526

0.2891382,0.990928,9.530911,2.311167,9.857063,76.439728,84.064293

0.2916527,0.978964,9.523733,2.294418,9.845010,76.523064,84.131065

0.2941673,1.000499,9.530911,2.332703,9.863102,76.319466,84.007370

0.2966819,0.931107,9.557233,2.364109,9.889220,76.168983,84.435555

0.2991965,0.914357,9.562018,2.330310,9.884260,76.363594,84.537766

0.3017110,0.916750,9.528519,2.313560,9.848130,76.412865,84.504417

0.3042256,0.938286,9.526126,2.315953,9.848406,76.398933,84.374741

0.3067441,0.916750,9.550055,2.306382,9.867288,76.482628,84.516739

0.3092588,0.911965,9.528519,2.306382,9.846002,76.452843,84.532936

0.3117734,0.916750,9.489935,2.303989,9.808551,76.414513,84.482216

0.3142881,0.947857,9.468399,2.292025,9.787869,76.457298,84.283318

0.3168028,0.947857,9.444471,2.265704,9.758580,76.574806,84.268929

0.3193174,0.947857,9.401401,2.277668,9.719698,76.447556,84.242844

0.3218321,0.940678,9.391829,2.248954,9.703047,76.598221,84.280373

0.3243468,0.914357,9.406186,2.275275,9.720559,76.463287,84.447830

0.3268918,0.904786,9.413364,2.294418,9.731106,76.362289,84.509758

0.3294144,0.900000,9.418150,2.277668,9.731358,76.464104,84.541382

0.3319300,0.854238,9.430114,2.287239,9.741059,76.419930,84.823921

0.3344456,0.890429,9.502198,2.251347,9.805774,76.726830,84.646576

0.3369612,0.863809,9.449257,2.272882,9.757080,76.529366,84.776794

0.3394769,0.890429,9.430114,2.253740,9.736491,76.616158,84.605896

0.3419925,0.911965,9.485149,2.263311,9.793994,76.638641,84.508087

0.3445081,0.900000,9.485149,2.284847,9.797887,76.514580,84.579704

0.3470201,0.859023,9.542876,2.327917,9.860204,76.343987,84.856255

0.3495356,0.900000,9.569197,2.263311,9.874315,76.749321,84.627029

0.3520511,0.933500,9.526126,2.287239,9.841238,76.560776,84.403244

0.3545666,0.911965,9.530911,2.315953,9.850563,76.401970,84.534294

0.3570821,0.897608,9.583553,2.342274,9.906384,76.323425,84.649216

0.3595977,0.926321,9.573982,2.330310,9.896946,76.381409,84.473602

0.3621132,0.959821,9.569197,2.287239,9.885456,76.622009,84.272209

0.3646287,0.981356,9.559626,2.296811,9.880528,76.558159,84.138756

0.3671413,0.978964,9.516555,2.342274,9.849337,76.242661,84.126671

0.3696567,0.993321,9.494720,2.330310,9.826838,76.282356,84.027542

0.3721722,0.974178,9.542876,2.311167,9.866965,76.453590,84.171188

0.3746876,0.971785,9.550055,2.335096,9.879301,76.328049,84.189751

0.3772030,0.974178,9.506984,2.325525,9.835641,76.323563,84.149338

0.3797185,0.986142,9.492328,2.339881,9.826077,76.223816,84.068916

0.3822339,0.983749,9.463614,2.325525,9.794683,76.265259,84.065376

0.3847494,0.988535,9.432507,2.313560,9.762272,76.291046,84.017189

0.3872713,1.055534,9.439685,2.289632,9.770579,76.447311,83.619759

0.3897869,1.093819,9.384650,2.315953,9.727885,76.227127,83.351944

0.3923025,1.060320,9.363115,2.311167,9.702252,76.219116,83.539101

0.3948181,1.060320,9.389436,2.306382,9.726520,76.283195,83.557060

0.3973337,1.031606,9.384650,2.342274,9.727390,76.066734,83.726959

0.3998494,1.074677,9.408579,2.378466,9.763882,75.900986,83.483742

0.4023649,1.093819,9.377472,2.354537,9.730225,75.996460,83.346901

0.4048806,1.108176,9.372686,2.320739,9.719111,76.185394,83.256958

0.4073987,1.072284,9.401401,2.359323,9.752052,75.999466,83.493202

0.4099144,1.074677,9.401401,2.383251,9.758132,75.863525,83.478813

0.4124300,1.060320,9.458828,2.361716,9.806703,76.064659,83.603935

0.4149457,1.062712,9.480363,2.337489,9.821939,76.232269,83.604065

0.4174614,1.098605,9.559626,2.325525,9.899568,76.413582,83.444252

0.4199771,1.105783,9.693624,2.361716,10.038267,76.392387,83.492218

0.4224927,1.077069,9.717552,2.397608,10.066749,76.221382,83.675293

0.4250084,1.074677,9.775279,2.395216,10.121664,76.311539,83.726204

0.4275072,1.029213,9.866206,2.409572,10.208200,76.346901,84.044617

0.4300224,0.940678,9.918848,2.371287,10.241652,76.612617,84.582420

0.4325377,0.943071,9.890134,2.351846,10.209569,76.681908,84.553047

0.4350529,0.921536,9.880563,2.301596,10.186859,76.941971,84.671577

0.4375682,0.945464,9.830314,2.320739,10.144693,76.775696,84.506279

0.4400834,0.959821,9.868599,2.435894,10.209999,76.197304,84.444878

0.4425987,0.971785,9.873384,2.383251,10.203331,76.492310,84.378784

0.4451139,0.974178,9.803992,2.383251,10.136428,76.401451,84.325409

0.4476131,1.057927,9.672089,2.380858,10.016836,76.250015,83.757843

0.4501279,1.067498,9.588340,2.388037,9.938739,76.097191,83.647255

0.4526427,0.998106,9.696016,2.440679,10.048178,75.942375,84.122688

0.4551575,1.012463,9.693624,2.409572,10.039794,76.113335,84.037285

0.4576724,1.053141,9.619446,2.366502,9.962087,76.257965,83.752113

0.4601872,1.065105,9.609875,2.342274,9.948387,76.382286,83.675468

0.4627021,1.043570,9.578768,2.332703,9.913795,76.390770,83.782372

0.4652170,1.093819,9.511769,2.349453,9.858505,76.212753,83.440010

0.4677329,1.117747,9.422935,2.339881,9.773234,76.147850,83.235191

0.4702478,1.108176,9.334401,2.320739,9.682197,76.131676,83.229561

0.4727626,1.105783,9.329616,2.354537,9.685470,75.930420,83.240608

0.4752775,1.117747,9.308080,2.361716,9.667854,75.860390,83.152504

0.4777924,1.086641,9.248260,2.354537,9.604943,75.810005,83.298660

0.4803073,1.096212,9.224032,2.325525,9.575622,75.944664,83.222588

0.4828221,1.041177,9.221640,2.282454,9.556792,76.182472,83.558250

0.4853370,1.048355,9.157033,2.325525,9.505702,75.839134,83.468849

0.4878582,1.057927,9.176176,2.327917,9.525787,75.854767,83.423370

0.4903732,1.033998,9.147462,2.284847,9.485026,76.060936,83.550850

0.4928882,1.048355,9.123533,2.289632,9.464688,76.000519,83.445076

0.4954032,1.065105,9.097213,2.282454,9.439456,76.007240,83.322189

0.4979182,1.026820,9.207282,2.280061,9.540812,76.173668,83.636520

0.5004333,1.024427,9.228818,2.296811,9.565348,76.106506,83.665924

0.5029483,1.074677,9.245867,2.311167,9.590750,76.055679,83.370079

0.5054633,1.060320,9.260223,2.315953,9.604148,76.046112,83.467934

0.5079831,1.065105,9.274581,2.311167,9.617370,76.095055,83.448776

0.5104983,1.079462,9.305687,2.327917,9.652991,76.044975,83.383247

0.5130134,1.048355,9.358330,2.292025,9.691789,76.320442,83.608162

0.5155286,1.024427,9.399008,2.292025,9.728524,76.373100,83.779709

0.5180438,1.031606,9.420543,2.280061,9.747282,76.472176,83.750671

0.5205589,1.031606,9.475577,2.280061,9.800483,76.546989,83.786682

0.5230757,1.012463,9.499506,2.272882,9.819963,76.617233,83.916344

0.5255908,1.014856,9.475577,2.287239,9.800406,76.503731,83.886795

0.5281065,1.019642,9.502198,2.294418,9.828316,76.499741,83.875267

0.5306217,1.055534,9.489935,2.287239,9.818579,76.529182,83.653267

0.5331369,1.084248,9.502198,2.270490,9.829674,76.645035,83.490425

0.5356520,1.017249,9.489935,2.270490,9.810647,76.618652,83.881691

0.5381672,1.022034,9.518948,2.253740,9.835358,76.753159,83.871719

0.5406824,1.036391,9.533304,2.265704,9.853498,76.706512,83.795586

0.5431976,1.048355,9.547662,2.260918,9.867556,76.754349,83.733894

0.5457128,1.077069,9.576375,2.215455,9.888138,77.052879,83.582825

0.5482235,1.024427,9.526126,2.229812,9.837103,76.898689,83.862076

0.5507386,1.041177,9.538090,2.248954,9.854796,76.808342,83.770264

0.5532535,1.074677,9.540483,2.258525,9.862894,76.762260,83.573074

0.5557687,1.057927,9.509377,2.236990,9.826066,76.840729,83.651894

0.5582836,1.038784,9.511769,2.217848,9.822000,76.949837,83.767403

0.5607988,1.036391,9.530911,2.236990,9.844618,76.865967,83.794044

0.5633138,0.995713,9.535697,2.225026,9.842342,76.934387,84.038803

0.5658289,1.014856,9.482756,2.222633,9.792481,76.881050,83.891388

0.5683428,0.976571,9.506984,2.234597,9.814777,76.839668,84.135071

0.5708579,0.995713,9.506984,2.248954,9.819979,76.760719,84.020927

0.5733728,1.002892,9.468399,2.222633,9.777345,76.860374,83.953781

0.5758879,0.957428,9.456435,2.225026,9.761741,76.824570,84.218719

0.5784029,0.952643,9.451650,2.227419,9.757182,76.803871,84.244530

0.5809180,0.919143,9.461221,2.260918,9.770941,76.620956,84.451218

0.5834330,0.928714,9.463614,2.251347,9.771953,76.680046,84.395210

0.5859480,0.935893,9.403793,2.222633,9.708106,76.764969,84.316475

0.5884930,0.895215,9.470792,2.256133,9.776883,76.658066,84.600235

0.5910152,0.876072,9.482756,2.275275,9.791171,76.562752,84.721664

0.5935312,0.873679,9.482756,2.260918,9.787631,76.644196,84.736000

0.5960470,0.878465,9.485149,2.227419,9.782697,76.838913,84.708656

0.5985631,0.897608,9.499506,2.248954,9.803270,76.737747,84.602150

0.6010789,0.907179,9.494720,2.260918,9.802268,76.664505,84.542206

0.6035949,0.923929,9.434899,2.239383,9.740934,76.709167,84.407043

0.6061108,0.919143,9.434899,2.234597,9.739383,76.735939,84.435829

0.6085975,0.904786,9.485149,2.258525,9.792223,76.664963,84.551056

0.6111127,0.902393,9.475577,2.222633,9.774507,76.856491,84.559921

0.6136279,0.890429,9.477970,2.225026,9.776273,76.844513,84.632973

0.6161430,0.911965,9.485149,2.181955,9.775514,77.102585,84.508087

0.6186583,0.888036,9.485149,2.217848,9.781385,76.894684,84.651337

0.6211734,0.880858,9.461221,2.241776,9.763000,76.725327,84.680984

0.6236887,0.883251,9.461221,2.217848,9.757750,76.862373,84.666618

0.6262039,0.938286,9.516555,2.203490,9.813285,77.024078,84.369118

0.6287121,0.911965,9.506984,2.241776,9.810198,76.790352,84.520622

0.6312271,0.935893,9.506984,2.213062,9.805931,76.956779,84.377769

0.6337422,0.966999,9.511769,2.263311,9.825041,76.681641,84.195053

0.6362571,0.892822,9.542876,2.280061,9.852020,76.618675,84.655022

0.6387722,0.890429,9.494720,2.203490,9.787642,76.989487,84.642387

0.6412872,0.895215,9.523733,2.222633,9.820539,76.919197,84.630074

0.6438022,0.897608,9.554840,2.225026,9.851467,76.946701,84.633232

0.6463172,0.892822,9.566804,2.193919,9.855666,77.137924,84.668312

0.6488311,0.909572,9.535697,2.246561,9.838896,76.800949,84.551270

0.6513462,0.895215,9.533304,2.181955,9.820704,77.162949,84.635429

0.6538612,0.919143,9.506984,2.215455,9.804887,76.941010,84.477760

0.6563762,0.876072,9.562018,2.210669,9.853261,77.034805,84.765175

0.6588912,0.902393,9.492328,2.169991,9.778930,77.179070,84.569466

0.6614061,0.871287,9.521340,2.174777,9.805341,77.185509,84.771492

0.6639211,0.861416,9.535697,2.193919,9.822669,77.093971,84.838142

0.6664362,0.885643,9.502198,2.208276,9.795541,76.971428,84.675186

0.6689562,0.916750,9.547662,2.146063,9.828726,77.388100,84.515373

0.6714714,0.897608,9.533304,2.165205,9.817215,77.258545,84.621178

0.6739864,0.902393,9.521340,2.174777,9.808154,77.189247,84.585915

0.6765016,0.923929,9.514162,2.177170,9.803723,77.169014,84.453346

0.6790167,0.883251,9.547662,2.158027,9.828279,77.316032,84.714630

0.6815318,0.897608,9.564411,2.134099,9.840631,77.474976,84.638573

0.6840470,0.933500,9.552447,2.186741,9.843907,77.165154,84.418571

0.6865620,0.926321,9.559626,2.191526,9.851259,77.146347,84.465355

0.6890805,0.919143,9.600304,2.129313,9.876469,77.549591,84.531113

0.6915957,0.919143,9.578768,2.126920,9.855020,77.536301,84.518890

0.6941109,0.919143,9.571589,2.174777,9.858489,77.255760,84.514809

0.6966261,0.885643,9.583553,2.162812,9.864411,77.334778,84.720131

0.6991414,0.907179,9.585947,2.122135,9.859859,77.570992,84.593842

0.7016566,0.909572,9.576375,2.124527,9.851289,77.545761,84.574280

0.7041718,0.933500,9.562018,2.100599,9.834436,77.666809,84.424126

0.7066870,0.943071,9.585947,2.117349,9.862197,77.602455,84.381287

0.7092053,0.902393,9.609875,2.119742,9.882172,77.613708,84.635506

0.7117206,0.895215,9.566804,2.146063,9.845341,77.409729,84.654106

0.7142360,0.892822,9.571589,2.169991,9.855015,77.279716,84.670967

0.7167512,0.931107,9.547662,2.143670,9.829554,77.403465,84.430016

0.7192665,0.909572,9.540483,2.186741,9.830054,77.146751,84.553986

0.7217818,0.897608,9.547662,2.167598,9.831685,77.263321,84.629219

0.7242970,0.904786,9.518948,2.141277,9.798676,77.377457,84.570290

0.7268123,0.976571,9.581161,2.150848,9.868053,77.410713,84.180161

0.7293505,0.981356,9.542876,2.150848,9.831363,77.362953,84.128540

0.7318664,0.966999,9.509377,2.148456,9.796897,77.332100,84.193604

0.7343823,1.000499,9.523733,2.160420,9.816817,77.286659,84.002892

0.7368981,1.022034,9.540483,2.160420,9.835282,77.310928,83.885445

0.7394140,1.002892,9.545269,2.114956,9.828072,77.573006,84.002113

0.7419298,1.036391,9.523733,2.150848,9.818439,77.346046,83.789398

0.7444457,1.038784,9.504591,2.143670,9.798553,77.362961,83.762733

0.7469615,1.007677,9.499506,2.148456,9.791419,77.324898,83.944893

0.7494788,1.014856,9.523733,2.126920,9.810974,77.479439,83.917473

0.7519947,1.014856,9.516555,2.114956,9.801417,77.538673,83.912918

0.7545106,1.000499,9.516555,2.129313,9.803050,77.454826,83.998398

0.7570265,1.031606,9.516555,2.134099,9.807314,77.431732,83.813225

0.7595424,1.017249,9.509377,2.167598,9.806198,77.229660,83.894104

0.7620583,1.048355,9.530911,2.131706,9.822499,77.465775,83.722969

0.7645742,1.038784,9.540483,2.143670,9.833372,77.408440,83.786018

0.7670901,1.024427,9.509377,2.165205,9.806417,77.244286,83.851349

0.7696082,1.007677,9.514162,2.136492,9.803024,77.411812,83.954147

0.7721241,0.983749,9.511769,2.169991,9.805630,77.214569,84.095215

0.7746400,1.005285,9.482756,2.165205,9.778618,77.207405,83.948570

0.7771561,0.998106,9.468399,2.193919,9.770368,77.023682,83.982422

0.7796720,1.014856,9.470792,2.169991,9.769068,77.165901,83.883728

0.7821879,1.012463,9.480363,2.193919,9.783437,77.041321,83.904152

0.7847039,1.014856,9.538090,2.146063,9.829073,77.388550,83.926559

0.7872198,1.019642,9.509377,2.134099,9.799096,77.421013,83.879852

0.7897207,1.081855,9.454042,2.196312,9.765916,77.003258,83.471863

0.7922363,1.086641,9.475577,2.153241,9.777719,77.278091,83.458008

0.7947518,1.072284,9.487542,2.181955,9.794089,77.127464,83.551781

0.7972674,1.065105,9.487542,2.177170,9.792241,77.153717,83.594589

0.7997829,1.026820,9.514162,2.165205,9.811308,77.250748,83.840172

0.8022985,1.060320,9.518948,2.172384,9.821095,77.220726,83.644005

0.8048141,1.053141,9.550055,2.129313,9.841068,77.504082,83.707085

0.8073297,1.086641,9.526126,2.136492,9.823058,77.437904,83.492424

0.8098410,1.091426,9.542876,2.172384,9.847688,77.255821,83.475388

0.8123565,1.079462,9.581161,2.143670,9.877206,77.465233,83.571877

0.8148719,1.062712,9.600304,2.141277,9.893445,77.500336,83.683319

0.8173873,1.077069,9.593125,2.158027,9.891674,77.398666,83.593941

0.8199029,1.086641,9.619446,2.165205,9.919810,77.392509,83.555023

0.8224183,1.067498,9.595518,2.134099,9.887765,77.535637,83.651970

0.8249338,1.029213,9.597911,2.169991,9.893839,77.330460,83.879387

0.8274492,1.024427,9.607482,2.150848,9.898450,77.450005,83.913658

0.8299496,1.038784,9.600304,2.124527,9.887291,77.591827,83.824440

0.8324646,0.978964,9.585947,2.114956,9.865180,77.620491,84.168892

0.8349797,0.990928,9.557233,2.134099,9.842612,77.477531,84.080521

0.8374949,0.962214,9.557233,2.110170,9.834601,77.609940,84.250885

0.8400099,0.916750,9.609875,2.114956,9.882467,77.642494,84.550667

0.8425250,0.921536,9.607482,2.110170,9.879562,77.667213,84.521034

0.8450401,0.935893,9.602696,2.114956,9.877282,77.635902,84.433449

0.8475552,0.907179,9.602696,2.076372,9.866411,77.851364,84.603210

0.8500912,0.911965,9.614660,2.095814,9.882601,77.756248,84.581619

0.8526068,0.916750,9.578768,2.114956,9.852221,77.603951,84.533073

0.8551224,0.892822,9.576375,2.105385,9.845646,77.652565,84.673615

0.8576380,0.890429,9.621839,2.098206,9.888130,77.749016,84.712761

0.8601536,0.880858,9.617053,2.064408,9.875495,77.933701,84.766693

0.8626692,0.888036,9.607482,2.062015,9.866318,77.936516,84.719055

0.8651848,0.885643,9.581161,2.071586,9.842483,77.849869,84.718819

0.8677004,0.933500,9.612267,2.078765,9.878682,77.852486,84.453087

0.8702207,0.919143,9.585947,2.071586,9.850212,77.859550,84.522972

0.8727363,0.923929,9.593125,2.026123,9.848191,78.127441,84.498726

0.8752521,0.940678,9.581161,2.066801,9.846582,77.883492,84.392670

0.8777678,0.947857,9.552447,2.126920,9.832165,77.506866,84.333282

0.8802835,0.933500,9.557233,2.081157,9.825646,77.771629,84.421349

0.8827992,0.950250,9.571589,2.081157,9.841215,77.791275,84.330360

0.8853150,0.935893,9.526126,2.081157,9.795621,77.733566,84.388992

0.8878307,0.909572,9.540483,2.069193,9.804575,77.816483,84.553986

0.8903418,0.943071,9.562018,2.093421,9.833818,77.708832,84.367317

0.8928573,0.935893,9.542876,2.062015,9.807869,77.863533,84.398781

0.8953729,0.921536,9.552447,2.069193,9.817334,77.832558,84.489662

0.8978885,0.911965,9.530911,2.105385,9.803193,77.598244,84.534294

0.9004042,0.926321,9.516555,2.093421,9.788018,77.650414,84.440460

0.9029198,0.931107,9.516555,2.105385,9.791038,77.582603,84.411926

0.9054354,0.926321,9.552447,2.088635,9.821900,77.722260,84.461220

0.9079510,0.895215,9.502198,2.095814,9.771674,77.615067,84.617973

0.9104716,0.897608,9.545269,2.138884,9.823070,77.423622,84.627884

0.9129873,0.885643,9.535697,2.122135,9.809044,77.505569,84.693787

0.9155030,0.897608,9.497113,2.071586,9.761779,77.747871,84.600800

0.9180187,0.885643,9.521340,2.100599,9.790444,77.610519,84.685829

0.9205345,0.847059,9.528519,2.119742,9.798137,77.505768,84.919914

0.9230502,0.839881,9.547662,2.093421,9.810487,77.679146,84.972794

0.9255659,0.868595,9.542876,2.107778,9.811405,77.594482,84.799255

0.9280816,0.818345,9.540483,2.088635,9.800657,77.695229,85.097389

0.9306126,0.825524,9.552447,2.081157,9.811317,77.753494,85.060760

0.9331287,0.839881,9.559626,2.100599,9.823664,77.653076,84.979050

0.9356447,0.796810,9.535697,2.107778,9.798324,77.577660,85.223419

0.9381609,0.825524,9.528519,2.134099,9.799415,77.421432,85.048424

0.9406770,0.815953,9.562018,2.153241,9.835366,77.353897,85.122612

0.9431931,0.868595,9.583553,2.134099,9.856639,77.495644,84.821213

0.9457092,0.861416,9.595518,2.102992,9.860962,77.686279,84.870148

0.9482254,0.851845,9.602696,2.110170,9.868649,77.653358,84.930626

0.9507189,0.859023,9.576375,2.114956,9.844689,77.594315,84.874153

0.9532344,0.866202,9.578768,2.110170,9.846620,77.625298,84.832832

0.9557500,0.890429,9.530911,2.110170,9.802242,77.568382,84.662613

0.9582655,0.926321,9.533304,2.095814,9.804814,77.657593,84.450172

0.9607811,0.921536,9.573982,2.117349,9.848530,77.584976,84.501976

0.9632967,0.909572,9.514162,2.126920,9.791343,77.453926,84.539017

0.9658122,0.921536,9.547662,2.136492,9.827088,77.443138,84.486916

0.9683277,0.933500,9.523733,2.114956,9.800303,77.537231,84.401848

0.9708358,0.933500,9.489935,2.107778,9.765911,77.535767,84.382042

0.9733511,0.911965,9.480363,2.117349,9.756645,77.466164,84.505333

0.9758666,0.935893,9.480363,2.105385,9.756322,77.537712,84.362083

0.9783819,0.900000,9.480363,2.093421,9.750368,77.601974,84.576988

0.9808972,0.885643,9.497113,2.105385,9.767916,77.552742,84.672348

0.9834126,0.897608,9.540483,2.114956,9.813233,77.553917,84.625198

0.9859279,0.871287,9.504591,2.081157,9.768705,77.699242,84.762329

0.9884434,0.827917,9.526126,2.078765,9.785386,77.734879,85.032898

0.9909567,0.871287,9.552447,2.102992,9.819927,77.634010,84.788429

0.9934719,0.871287,9.528519,2.117349,9.799744,77.522179,84.775414

0.9959872,0.851845,9.528519,2.112563,9.797001,77.547295,84.891365

0.9985025,0.851845,9.521340,2.122135,9.792089,77.483589,84.887535

1.0010178,0.873679,9.552447,2.095814,9.818604,77.675201,84.774193

1.0035331,0.871287,9.571589,2.083550,9.834412,77.768433,84.798790

1.0060484,0.883251,9.533304,2.098206,9.801351,77.638840,84.706718

1.0085636,0.909572,9.533304,2.059622,9.795573,77.862381,84.549911

1.0110784,0.940678,9.547662,2.098206,9.820651,77.663521,84.373123

1.0135937,0.945464,9.526126,2.122135,9.805327,77.500755,84.331978

1.0161090,0.969392,9.547662,2.098206,9.823442,77.667076,84.202515

1.0186242,0.993321,9.502198,2.081157,9.778020,77.711143,84.032211

1.0211395,0.957428,9.530911,2.059622,9.797805,77.865189,84.263596

1.0236548,0.983749,9.528519,2.040479,9.794080,77.975029,84.105515

1.0261701,1.026820,9.533304,2.102992,9.816355,77.629440,83.852448

1.0286853,1.017249,9.538090,2.100599,9.819494,77.647751,83.912346

1.0312058,0.993321,9.509377,2.069193,9.782458,77.788513,84.036682

1.0337212,0.976571,9.530911,2.105385,9.809414,77.606239,84.149689

1.0362366,0.978964,9.542876,2.071586,9.814088,77.814178,84.142754

1.0387521,0.938286,9.547662,2.093421,9.819401,77.690506,84.387344

1.0412675,0.911965,9.581161,2.110170,9.853078,77.633537,84.562790

1.0437828,0.902393,9.581161,2.052444,9.839993,77.960747,84.619522

1.0462984,0.868595,9.590733,2.071586,9.850283,77.859642,84.825066

1.0488137,0.849452,9.590733,2.086242,9.851707,77.774223,84.938515

1.0513324,0.818345,9.559626,2.078765,9.817199,77.775238,85.107162

1.0538478,0.835095,9.607482,2.093421,9.868308,77.752457,85.032257

1.0563633,0.799203,9.612267,2.100599,9.871521,77.713867,85.247131

1.0588789,0.801596,9.605089,2.098206,9.864217,77.718857,85.229416

1.0613945,0.794417,9.602696,2.122135,9.866425,77.579399,85.270775

1.0639099,0.796810,9.583553,2.073979,9.837723,77.829643,85.247162

1.0664253,0.770489,9.573982,2.100599,9.831953,77.663651,85.398903

1.0689409,0.782453,9.554840,2.141277,9.823048,77.409286,85.318451

1.0714506,0.789631,9.588340,2.105385,9.848474,77.656166,85.292130

1.0739659,0.827917,9.569197,2.093421,9.830431,77.704529,85.055145

1.0764812,0.847059,9.557233,2.107778,9.823489,77.609985,84.935097

1.0789965,0.871287,9.552447,2.134099,9.826635,77.456841,84.788429

1.0815120,0.873679,9.518948,2.098206,9.786530,77.619827,84.755905

1.0840274,0.888036,9.533304,2.107778,9.803837,77.584755,84.678200

1.0865427,0.835095,9.545269,2.146063,9.819120,77.375557,85.000046

1.0890580,0.844666,9.538090,2.124527,9.808274,77.490257,84.939247

1.0915958,0.873679,9.535697,2.088635,9.800777,77.695381,84.765060

1.0941117,0.859023,9.545269,2.076372,9.806191,77.775604,84.857536

1.0966276,0.873679,9.535697,2.091028,9.801288,77.681717,84.765060

1.0991435,0.851845,9.514162,2.076372,9.775287,77.736359,84.883698

1.1016594,0.811167,9.528519,2.093421,9.789436,77.652229,85.134117

1.1041753,0.815953,9.526126,2.052444,9.778823,77.884293,85.104324

1.1066912,0.803988,9.576375,2.069193,9.830306,77.848862,85.200966

1.1092072,0.777667,9.576375,2.105385,9.835872,77.640106,85.357376

1.1116971,0.801596,9.576375,2.045265,9.825102,77.985023,85.215179

1.1142123,0.751346,9.573982,2.026123,9.814827,78.086494,85.512741

1.1167276,0.763310,9.557233,2.042872,9.802891,77.971695,85.433632

1.1192429,0.787239,9.590733,2.066801,9.842437,77.878311,85.307495

1.1217582,0.792024,9.578768,2.059622,9.829656,77.905106,85.273224

1.1242734,0.768096,9.605089,2.033301,9.847945,78.084457,85.427925

1.1267887,0.796810,9.607482,2.052444,9.856527,77.981239,85.258942

1.1293039,0.772882,9.576375,2.052444,9.824298,77.941223,85.385826

1.1318289,0.729811,9.550055,2.030908,9.790851,78.028259,85.629974

1.1343445,0.765703,9.578768,2.052444,9.826069,77.943428,85.429634

1.1368600,0.765703,9.578768,2.038087,9.823079,78.025322,85.429634

1.1393754,0.765703,9.564411,2.011766,9.803645,78.158447,85.422806

1.1418910,0.751346,9.554840,2.030908,9.797147,78.036072,85.503792

1.1444064,0.748953,9.538090,2.052444,9.785122,77.892212,85.510208

1.1469221,0.746561,9.573982,2.028515,9.814956,78.072372,85.541206

1.1494375,0.748953,9.590733,2.054837,9.836943,77.942703,85.534760

1.1519448,0.736989,9.559626,2.045265,9.803709,77.958412,85.591560

1.1544601,0.756132,9.566804,2.035694,9.810175,78.023621,85.480904

1.1569755,0.763310,9.571589,2.033301,9.814901,78.043755,85.440453

1.1594908,0.808774,9.585947,2.057229,9.837514,77.929161,85.177330

1.1620060,0.784846,9.545269,2.064408,9.797444,77.836105,85.299515

1.1645213,0.796810,9.573982,2.057229,9.824878,77.913406,85.242432

1.1670367,0.789631,9.588340,2.045265,9.835796,77.998283,85.292130

1.1695520,0.803988,9.569197,2.047658,9.818800,77.962921,85.197380

1.1720760,0.806381,9.545269,2.057229,9.797684,77.879349,85.171135

1.1745914,0.775275,9.566804,2.057229,9.816159,77.902504,85.366989

1.1771071,0.801596,9.535697,2.062015,9.788973,77.839745,85.194862

1.1796225,0.815953,9.554840,2.086242,9.813927,77.726425,85.118965

1.1821381,0.808774,9.585947,2.086242,9.843622,77.764023,85.177330

1.1846535,0.782453,9.585947,2.086242,9.841496,77.761337,85.333580

1.1871691,0.837488,9.550055,2.110170,9.816198,77.586342,84.988289

1.1896846,0.815953,9.588340,2.078765,9.844964,77.810242,85.135941

1.1921955,0.770489,9.585947,2.093421,9.842075,77.719307,85.404617

1.1947110,0.765703,9.566804,2.093421,9.823057,77.695160,85.423943

1.1972264,0.772882,9.573982,2.057229,9.822967,77.911018,85.384674

1.1997418,0.780060,9.583553,2.083550,9.838403,77.773476,85.346626

1.2022573,0.727418,9.597911,2.076372,9.846845,77.826851,85.665886

1.2047726,0.744168,9.576375,2.098206,9.831745,77.677658,85.556549

1.2072880,0.751346,9.590733,2.064408,9.839128,77.888420,85.520546

1.2098035,0.741775,9.535697,2.062015,9.784256,77.833794,85.551956

1.2123204,0.748953,9.562018,2.071586,9.812471,77.812141,85.521400

1.2148359,0.760918,9.597911,2.030908,9.839892,78.088806,85.467102

1.2173514,0.777667,9.624231,2.052444,9.871328,77.999535,85.380363

1.2198668,0.763310,9.600304,2.045265,9.845384,78.010147,85.454033

1.2223822,0.756132,9.605089,2.054837,9.851488,77.960770,85.498840

1.2248976,0.748953,9.619446,2.042872,9.862453,78.045410,85.548027

1.2274131,0.787239,9.607482,2.059622,9.857256,77.939484,85.315643

1.2299285,0.801596,9.600304,2.071586,9.853926,77.864197,85.227051

1.2324482,0.799203,9.624231,2.064408,9.875543,77.933754,85.253014

1.2349638,0.789631,9.648160,1.995016,9.883856,78.355080,85.321190

1.2374794,0.820738,9.609875,2.035694,9.857350,78.081779,85.118462

1.2399950,0.772882,9.595518,2.081157,9.848986,77.801056,85.394989

1.2425104,0.820738,9.614660,2.028515,9.860537,78.128319,85.120880

1.2450260,0.823131,9.626625,2.023730,9.871420,78.169975,85.112770

1.2475415,0.818345,9.593125,2.059622,9.845800,77.925240,85.124168

1.2500572,0.796810,9.600304,2.033301,9.845560,78.081528,85.255417

1.2525750,0.808774,9.597911,2.011766,9.839777,78.202560,85.183311

1.2550908,0.787239,9.573982,1.992623,9.810781,78.281380,85.299324

1.2576064,0.744168,9.581161,2.009373,9.817841,78.190086,85.558762

1.2601219,0.780060,9.590733,2.004587,9.828989,78.232170,85.350098

1.2626375,0.772882,9.595518,2.033301,9.838985,78.073448,85.394989

1.2651532,0.753739,9.566804,2.004587,9.803582,78.201233,85.495148

1.2676688,0.760918,9.566804,2.038087,9.811041,78.010406,85.452423

1.2701844,0.777667,9.538090,2.050051,9.786860,77.908722,85.338821

1.2727096,0.782453,9.514162,2.009373,9.755465,78.113472,85.298523

1.2752254,0.765703,9.528519,2.057229,9.778096,77.854698,85.405632

1.2777413,0.758525,9.573982,2.014158,9.812917,78.155525,85.470047

1.2802572,0.751346,9.552447,1.983052,9.785003,78.307312,85.502670

1.2827729,0.751346,9.516555,2.002194,9.753878,78.154602,85.485779

1.2852889,0.751346,9.542876,2.016551,9.782510,78.103851,85.498177

1.2878047,0.753739,9.566804,1.999802,9.802605,78.228615,85.495148

1.2903206,0.734597,9.542876,2.011766,9.780252,78.129715,85.598137

1.2928289,0.727418,9.569197,2.002194,9.803440,78.215347,85.652931

1.2953446,0.720240,9.583553,2.059622,9.828799,77.904037,85.702087

1.2978603,0.717847,9.547662,2.006980,9.782695,78.161362,85.700272

1.3003759,0.705883,9.588340,1.985445,9.817155,78.331886,85.789543

1.3028916,0.725025,9.609875,1.992623,9.841031,78.317917,85.685448

1.3054072,0.734597,9.617053,2.030908,9.856568,78.109253,85.631958

1.3079230,0.729811,9.609875,2.033301,9.849702,78.086617,85.657074

1.3104385,0.751346,9.636196,2.011766,9.872588,78.242325,85.541595

1.3129377,0.746561,9.631411,2.011766,9.867554,78.236244,85.567688

1.3154531,0.753739,9.626625,2.038087,9.868832,78.081650,85.523026

1.3179682,0.753739,9.609875,1.997409,9.844158,78.293236,85.515259

1.3204834,0.760918,9.621839,2.040479,9.865209,78.063004,85.478325

1.3229988,0.770489,9.607482,2.004587,9.844579,78.251068,85.414879

1.3255140,0.782453,9.619446,1.980659,9.852360,78.402573,85.349754

1.3280293,0.784846,9.564411,2.009373,9.804668,78.173988,85.308876

1.3305445,0.780060,9.573982,1.997409,9.811181,78.253326,85.341995

1.3330646,0.787239,9.585947,2.006980,9.825380,78.213531,85.305161

1.3355799,0.777667,9.609875,1.999802,9.846505,78.281845,85.373489

1.3380952,0.748953,9.612267,1.995016,9.845644,78.309242,85.544716

1.3406106,0.744168,9.581161,1.987837,9.813457,78.313156,85.558762

1.3431259,0.727418,9.585947,1.978266,9.814940,78.372002,85.660492

1.3456414,0.715454,9.554840,1.971088,9.782230,78.375504,85.717758

1.3481568,0.691526,9.600304,1.983052,9.827336,78.358383,85.880005

1.3506721,0.698704,9.590733,1.959123,9.813690,78.484581,85.833252

1.3531953,0.725025,9.585947,1.966302,9.812359,78.440216,85.674713

1.3557110,0.705883,9.636196,1.980659,9.862939,78.415184,85.810379

1.3582265,0.696311,9.626625,1.935195,9.843868,78.662445,85.862900

1.3607421,0.715454,9.605089,1.971088,9.831317,78.434341,85.740074

1.3632576,0.708275,9.602696,1.947159,9.823689,78.567657,85.781616

1.3657733,0.732204,9.624231,1.971088,9.851251,78.458069,85.649361

1.3682888,0.756132,9.626625,1.975873,9.856355,78.435738,85.508873

1.3708043,0.732204,9.583553,1.954338,9.808163,78.506531,85.630966

1.3733150,0.753739,9.612267,1.963909,9.839753,78.487061,85.516365

1.3758305,0.777667,9.573982,1.949552,9.801359,78.526993,85.356224

1.3783460,0.748953,9.540483,1.944767,9.765442,78.512871,85.511330

1.3808614,0.727418,9.535697,1.963909,9.762971,78.395256,85.637718

1.3833768,0.777667,9.557233,1.961516,9.787391,78.438911,85.348122

1.3858923,0.780060,9.540483,1.971088,9.773151,78.364548,85.325714

1.3884078,0.782453,9.550055,1.944767,9.777418,78.527130,85.316116

1.3909233,0.758525,9.554840,1.968695,9.784993,78.393135,85.461014

1.3934429,0.751346,9.550055,1.975873,9.781214,78.345657,85.501549

1.3959585,0.760918,9.516555,1.985445,9.751195,78.251839,85.428513

1.3984740,0.792024,9.578768,1.966302,9.810527,78.438026,85.273224

1.4009895,0.792024,9.578768,1.944767,9.806233,78.561302,85.273224

1.4035051,0.796810,9.578768,1.968695,9.811395,78.424797,85.244797

1.4060205,0.780060,9.552447,1.949552,9.780517,78.502205,85.331543

1.4085362,0.753739,9.545269,1.954338,9.772396,78.463890,85.485023

1.4110518,0.794417,9.542876,1.954338,9.773281,78.464943,85.241264

1.4135839,0.756132,9.559626,1.954338,9.786604,78.480865,85.477524

1.4160997,0.763310,9.578768,1.947159,9.804431,78.544899,85.443855

1.4186158,0.736989,9.581161,1.961516,9.807616,78.463081,85.601433

1.4211316,0.768096,9.602696,1.980659,9.834875,78.381668,85.426788

1.4236478,0.734597,9.585947,1.968695,9.813550,78.427376,85.617836

1.4261637,0.760918,9.578768,1.963909,9.807586,78.448776,85.458076

1.4286795,0.772882,9.609875,1.968695,9.839858,78.458740,85.401840

1.4311956,0.799203,9.600304,1.995016,9.837918,78.299934,85.241234

1.4336877,0.780060,9.607482,1.992623,9.842903,78.320168,85.358170

1.4362031,0.787239,9.631411,1.954338,9.859171,78.566795,85.327225

1.4387184,0.763310,9.605089,1.971088,9.834915,78.438637,85.456291

1.4412339,0.768096,9.588340,2.002194,9.825224,78.241852,85.419968

1.4437492,0.787239,9.609875,1.980659,9.843396,78.391861,85.316803

1.4462645,0.799203,9.576375,1.980659,9.811661,78.353790,85.229401

1.4487799,0.780060,9.607482,2.016551,9.847776,78.183830,85.358170

1.4512954,0.772882,9.614660,1.997409,9.850313,78.300652,85.404121

1.4538175,0.780060,9.581161,1.985445,9.815760,78.330200,85.345474

1.4563330,0.808774,9.588340,1.975873,9.823159,78.396111,85.178528

1.4588485,0.801596,9.617053,1.980659,9.851563,78.401619,85.235329

1.4613640,0.780060,9.595518,1.992623,9.831226,78.306099,85.352402

1.4638796,0.772882,9.588340,1.968695,9.818827,78.433685,85.391556

1.4663951,0.741775,9.595518,1.947159,9.819146,78.562302,85.579582

1.4689107,0.787239,9.619446,2.016551,9.860019,78.198715,85.321442

1.4714262,0.803988,9.597911,1.995016,9.835974,78.297592,85.211685

1.4739405,0.777667,9.621839,1.959123,9.850011,78.527618,85.379219

1.4764559,0.784846,9.633803,1.990230,9.868493,78.365067,85.342522

1.4789715,0.792024,9.605089,1.983052,9.839590,78.373085,85.286125

1.4814869,0.758525,9.600304,1.963909,9.828435,78.473618,85.482414

1.4840024,0.782453,9.585947,1.978266,9.819173,78.377083,85.333580

1.4865178,0.777667,9.585947,1.966302,9.816389,78.445023,85.361992

1.4890335,0.753739,9.605089,1.947159,9.829410,78.574402,85.513031

1.4915489,0.748953,9.619446,1.980659,9.849755,78.399460,85.548027

1.4940675,0.744168,9.607482,1.925624,9.826777,78.699371,85.570877

1.4965831,0.780060,9.629018,1.939981,9.853426,78.645203,85.368500

1.4990989,0.789631,9.597911,1.971088,9.829985,78.432755,85.296799

1.5016145,0.787239,9.617053,1.930410,9.840424,78.686836,85.320282

1.5041299,0.763310,9.617053,1.947159,9.841838,78.589027,85.461922

1.5066454,0.775275,9.578768,1.959123,9.807753,78.477509,85.372749

1.5091611,0.784846,9.595518,1.918446,9.816842,78.730515,85.324020

1.5116768,0.770489,9.617053,1.937588,9.840508,78.644310,85.419418

1.5141946,0.772882,9.552447,1.968695,9.783780,78.391678,85.374313

1.5167103,0.768096,9.566804,1.916053,9.786980,78.709961,85.409706

1.5192260,0.782453,9.581161,1.925624,9.804025,78.672806,85.331253

1.5217415,0.789631,9.576375,1.959123,9.806561,78.476089,85.286270

1.5242572,0.756132,9.547662,1.947159,9.773485,78.508141,85.471886

1.5267729,0.818345,9.550055,1.973480,9.786105,78.365868,85.102280

1.5292885,0.777667,9.581161,1.935195,9.805529,78.617523,85.359688

1.5318041,0.777667,9.571589,1.918446,9.792882,78.702576,85.355064

1.5343199,0.753739,9.605089,1.918446,9.823762,78.738556,85.513031

1.5368354,0.736989,9.617053,1.937588,9.837942,78.641312,85.617783

1.5393511,0.698704,9.583553,1.939981,9.802868,78.585854,85.830139

1.5418667,0.736989,9.585947,1.935195,9.807064,78.619324,85.603622

1.5443825,0.741775,9.609875,1.932802,9.830343,78.660858,85.586159

1.5468980,0.701097,9.605089,1.942374,9.824566,78.597168,85.825256

1.5494137,0.708275,9.636196,1.923231,9.851739,78.742577,85.796227

1.5519294,0.741775,9.607482,1.923231,9.826127,78.712845,85.585060

1.5544500,0.710668,9.581161,1.911267,9.795745,78.748734,85.757942

1.5569658,0.736989,9.581161,1.911267,9.797690,78.750999,85.601433

1.5594815,0.725025,9.569197,1.916053,9.786034,78.708855,85.667175

1.5619974,0.708275,9.564411,1.913660,9.779658,78.715691,85.764793

1.5645131,0.701097,9.552447,1.899303,9.764637,78.783997,85.802330

1.5670290,0.741775,9.585947,1.906481,9.801800,78.784294,85.575188

1.5695447,0.765703,9.581161,1.937588,9.805059,78.602707,85.430771

1.5720605,0.760918,9.585947,1.935195,9.808891,78.621475,85.461464

1.5745579,0.775275,9.619446,1.916053,9.839006,78.770439,85.392235

1.5770732,0.748953,9.638589,1.942374,9.860839,78.639671,85.556839

1.5795885,0.789631,9.581161,1.916053,9.802725,78.728333,85.288612

1.5821038,0.787239,9.602696,1.937588,9.827806,78.629433,85.313316

1.5846192,0.763310,9.626625,1.935195,9.848834,78.668236,85.466408

1.5871346,0.729811,9.590733,1.963909,9.816910,78.459900,85.648438

1.5896499,0.739382,9.600304,1.928017,9.819866,78.677078,85.595970

1.5921652,0.753739,9.617053,1.947159,9.841101,78.588158,85.518585

1.5946970,0.746561,9.571589,1.894517,9.785799,78.837128,85.540100

1.5972128,0.748953,9.588340,1.951945,9.813627,78.527275,85.533646

1.5997285,0.777667,9.573982,1.944767,9.800409,78.554413,85.356224

1.6022443,0.803988,9.569197,1.923231,9.793608,78.674873,85.197380

1.6047601,0.789631,9.588340,1.947159,9.815866,78.558426,85.292130

1.6072757,0.808774,9.607482,1.975873,9.841845,78.418449,85.188087

1.6097914,0.794417,9.559626,1.961516,9.791072,78.443321,85.249565

1.6123073,0.801596,9.573982,1.956731,9.804717,78.488167,85.213989

1.6148155,0.820738,9.600304,1.966302,9.833910,78.465897,85.113617

1.6173310,0.847059,9.614660,1.944767,9.845878,78.607971,84.965195

1.6198465,0.825524,9.602696,1.930410,9.829535,78.674141,85.086479

1.6223620,0.820738,9.595518,1.918446,9.819777,78.733925,85.111191

1.6248777,0.780060,9.621839,1.935195,9.845469,78.664307,85.365059

1.6273931,0.815953,9.578768,1.975873,9.814410,78.385620,85.131104

1.6299087,0.847059,9.617053,1.997409,9.858745,78.310799,84.966438

1.6324242,0.825524,9.612267,1.930410,9.838884,78.685043,85.091347

1.6349367,0.806381,9.607482,1.939981,9.834505,78.623070,85.202263

1.6374521,0.808774,9.588340,1.930410,9.814116,78.656113,85.178528

1.6399676,0.780060,9.573982,1.942374,9.800125,78.568344,85.341995

1.6424829,0.775275,9.588340,1.928017,9.810941,78.666641,85.377350

1.6449984,0.794417,9.600304,1.932802,9.825103,78.654732,85.269600

1.6475140,0.751346,9.600304,1.935195,9.822186,78.637077,85.524994

1.6500294,0.746561,9.626625,1.959123,9.852281,78.530296,85.565491

1.6525449,0.701097,9.612267,1.961516,9.835383,78.496101,85.828362

1.6550503,0.693919,9.626625,1.963909,9.849384,78.498466,85.877068

1.6575655,0.655633,9.612267,1.973480,9.834641,78.424080,86.098015

1.6600808,0.698704,9.626625,1.973480,9.851636,78.444321,85.848732

1.6625961,0.703490,9.617053,1.954338,9.838802,78.542809,85.816254

1.6651113,0.696311,9.585947,1.923231,9.801737,78.684387,85.845398

1.6676265,0.679562,9.605089,1.949552,9.824474,78.554352,85.953056

1.6701417,0.701097,9.585947,1.937588,9.804905,78.602524,85.816948

1.6726569,0.732204,9.607482,1.973480,9.835368,78.424950,85.641808

1.6751883,0.717847,9.581161,1.973480,9.808597,78.392914,85.715248

1.6777039,0.710668,9.573982,1.975873,9.801543,78.370163,85.754768

1.6802197,0.756132,9.602696,1.956731,9.829156,78.517181,85.497726

1.6827352,0.732204,9.607482,1.937588,9.828229,78.629936,85.641808

1.6852508,0.739382,9.605089,1.963909,9.831651,78.477440,85.598160

1.6877664,0.753739,9.585947,1.939981,9.809283,78.593422,85.504105

1.6902821,0.741775,9.566804,1.944767,9.790612,78.542801,85.566368

1.6927977,0.777667,9.571589,1.935195,9.796176,78.606506,85.355064

1.6953107,0.770489,9.614660,1.937588,9.838170,78.641579,85.418289

1.6978263,0.756132,9.633803,1.956731,9.859549,78.553055,85.512207

1.7003417,0.746561,9.607482,1.983052,9.838371,78.371628,85.556694

1.7028573,0.713061,9.609875,1.944767,9.830578,78.590004,85.756378

1.7053729,0.751346,9.588340,1.913660,9.806268,78.746712,85.519432

1.7078885,0.734597,9.607482,1.954338,9.831723,78.534447,85.627625

1.7104040,0.751346,9.619446,1.973480,9.848496,78.440590,85.533867

1.7129195,0.746561,9.609875,1.966302,9.837346,78.469978,85.557793

1.7154361,0.746561,9.609875,1.942374,9.832591,78.606598,85.557793

1.7179517,0.756132,9.593125,1.947159,9.817903,78.560829,85.493256

1.7204673,0.768096,9.607482,1.973480,9.838105,78.428207,85.429054

1.7229828,0.823131,9.617053,1.954338,9.848081,78.553749,85.107933

1.7254983,0.801596,9.609875,1.973480,9.843113,78.434181,85.231781

1.7280140,0.784846,9.600304,1.944767,9.826695,78.585434,85.326340

1.7305297,0.780060,9.581161,1.930410,9.804775,78.645157,85.345474

1.7330452,0.803988,9.583553,1.947159,9.812356,78.554276,85.204544

1.7355776,0.830309,9.569197,1.935195,9.798159,78.608841,85.040924

1.7380935,0.832702,9.590733,1.901696,9.812848,78.825569,85.037819

1.7406096,0.820738,9.573982,1.925624,9.800141,78.668259,85.100250

1.7431256,0.823131,9.576375,1.930410,9.803620,78.643806,85.087257

1.7456416,0.827917,9.562018,1.901696,9.784380,78.792641,85.051453

1.7481575,0.849452,9.562018,1.942374,9.794211,78.561348,84.923393

1.7506737,0.871287,9.573982,1.930410,9.805445,78.645943,84.800087

1.7531896,0.885643,9.581161,1.959123,9.819427,78.491402,84.718819

1.7556862,0.844666,9.554840,1.923231,9.783009,78.662437,84.948074

1.7582017,0.818345,9.581161,1.930410,9.807895,78.648819,85.118103

1.7607173,0.847059,9.605089,1.923231,9.832297,78.720024,84.960205

1.7632327,0.832702,9.614660,1.920838,9.839954,78.743118,85.050102

1.7657483,0.806381,9.576375,1.951945,9.806493,78.518814,85.186745

1.7682638,0.815953,9.626625,1.908874,9.847919,78.823303,85.155190

1.7707793,0.799203,9.581161,1.923231,9.804906,78.688095,85.231766

1.7732948,0.815953,9.600304,1.956731,9.831602,78.520073,85.141968

1.7758098,0.796810,9.600304,1.980659,9.834824,78.381607,85.255417

1.7783252,0.784846,9.612267,1.944767,9.838384,78.599182,85.332130

1.7808406,0.784846,9.585947,1.937588,9.811250,78.609993,85.319366

1.7833562,0.777667,9.593125,1.918446,9.813931,78.727127,85.365448

1.7858717,0.794417,9.605089,1.942374,9.831666,78.605515,85.271942

1.7883873,0.772882,9.583553,1.951945,9.810807,78.523926,85.389267

1.7909027,0.787239,9.614660,1.975873,9.847107,78.424721,85.319122

1.7934182,0.756132,9.624231,1.966302,9.852102,78.487488,85.507759

1.7959435,0.758525,9.578768,1.971088,9.808840,78.407471,85.472305

1.7984593,0.794417,9.612267,1.920838,9.834450,78.736740,85.275459

1.8009750,0.751346,9.602696,1.973480,9.832137,78.421089,85.526108

1.8034908,0.725025,9.593125,1.978266,9.821774,78.380203,85.677940

1.8060064,0.760918,9.612267,1.968695,9.841262,78.460411,85.473839

1.8085223,0.775275,9.602696,1.978266,9.834956,78.395996,85.384232

1.8110380,0.705883,9.607482,1.951945,9.829144,78.545624,85.797905

1.8135537,0.727418,9.609875,2.009373,9.844613,78.222664,85.671257

1.8160636,0.732204,9.550055,1.992623,9.783160,78.247826,85.615707

1.8185793,0.772882,9.573982,1.947159,9.800506,78.540253,85.384674

1.8210949,0.780060,9.576375,1.963909,9.806752,78.447784,85.343155

1.8236104,0.770489,9.588340,1.992623,9.823464,78.296730,85.405762

1.8261260,0.770489,9.576375,1.987837,9.810816,78.309967,85.400047

1.8286418,0.789631,9.600304,1.935195,9.825189,78.640602,85.297966

1.8311573,0.784846,9.564411,1.954338,9.793537,78.489128,85.308876

1.8336729,0.803988,9.578768,1.978266,9.813905,78.370758,85.202156

1.8361864,0.780060,9.600304,1.951945,9.827737,78.543968,85.354713

1.8387021,0.784846,9.583553,1.937588,9.808910,78.607239,85.318207

1.8412175,0.770489,9.566804,1.959123,9.795691,78.463127,85.395462

1.8437331,0.777667,9.597911,1.944767,9.823787,78.582016,85.367752

1.8462486,0.763310,9.597911,1.968695,9.827426,78.443939,85.452904

1.8487642,0.787239,9.581161,1.932802,9.805820,78.632126,85.302826

1.8512799,0.789631,9.545269,1.961516,9.776668,78.426056,85.270981

1.8537953,0.765703,9.585947,1.951945,9.812582,78.526031,85.433044

1.8563118,0.765703,9.569197,1.956731,9.797174,78.479179,85.425079

1.8588274,0.784846,9.609875,1.944767,9.836045,78.596436,85.330971

1.8613429,0.775275,9.602696,1.961516,9.831601,78.491615,85.384232

1.8638585,0.765703,9.590733,1.990230,9.824942,78.312767,85.435310

1.8663741,0.741775,9.607482,1.971088,9.835605,78.439453,85.585060

1.8688897,0.765703,9.593125,1.987837,9.826793,78.329239,85.436447

1.8714052,0.818345,9.612267,1.973480,9.846827,78.438599,85.133827

1.8739208,0.801596,9.573982,1.942374,9.801863,78.570404,85.213989

1.8764392,0.770489,9.588340,1.983052,9.821527,78.351402,85.405762

1.8789550,0.792024,9.602696,1.992623,9.839189,78.315697,85.284950

1.8814706,0.792024,9.593125,1.968695,9.825025,78.441078,85.280273

1.8839862,0.777667,9.578768,1.951945,9.806511,78.518829,85.358528

1.8865018,0.799203,9.578768,1.971088,9.812069,78.411339,85.230583

1.8890175,0.794417,9.557233,1.978266,9.792106,78.344505,85.248375

1.8915331,0.823131,9.569197,1.990230,9.808572,78.292984,85.083588

1.8940487,0.796810,9.583553,1.968695,9.816067,78.430382,85.247162

1.8965517,0.789631,9.569197,2.021337,9.812179,78.111786,85.282753

1.8990670,0.796810,9.550055,2.026123,9.795081,78.062126,85.230568

1.9015825,0.844666,9.550055,1.971088,9.787860,78.382278,84.945557

1.9040978,0.811167,9.564411,1.959123,9.796638,78.464256,85.152290

1.9066131,0.847059,9.566804,1.971088,9.804408,78.402161,84.940140

1.9091285,0.856631,9.564411,1.978266,9.804352,78.359268,84.881996

1.9116437,0.844666,9.571589,1.954338,9.805520,78.503387,84.956871

1.9141591,0.818345,9.590733,2.006980,9.832589,78.222298,85.122955

1.9166932,0.837488,9.583553,1.973480,9.820413,78.407074,85.005722

1.9192090,0.827917,9.600304,1.995016,9.840293,78.302795,85.071091

1.9217249,0.820738,9.612267,1.985445,9.849431,78.370651,85.119667

1.9242407,0.868595,9.638589,1.973480,9.876815,78.474190,84.850624

1.9267564,0.861416,9.605089,1.992623,9.847351,78.325516,84.875237

1.9292723,0.813560,9.605089,1.983052,9.841347,78.375191,85.158554

1.9317881,0.859023,9.619446,1.975873,9.857776,78.437424,84.896980

1.9343038,0.827917,9.595518,1.980659,9.832723,78.379089,85.068642

1.9368187,0.789631,9.585947,1.980659,9.820230,78.364098,85.290955

1.9393346,0.813560,9.614660,2.011766,9.856509,78.222870,85.163345

1.9418504,0.830309,9.617053,1.951945,9.848208,78.568100,85.065483

1.9443661,0.842274,9.547662,1.963909,9.783875,78.420395,84.958542

1.9468819,0.803988,9.573982,1.966302,9.806828,78.433601,85.199768

1.9493977,0.803988,9.566804,1.983052,9.803195,78.329315,85.196182

1.9519136,0.803988,9.550055,1.975873,9.785398,78.350708,85.187798

1.9544293,0.782453,9.576375,1.975873,9.809346,78.379547,85.328934

1.9569266,0.777667,9.530911,1.985445,9.766526,78.270538,85.335327

1.9594419,0.780060,9.573982,1.959123,9.803458,78.472397,85.341995

1.9619572,0.756132,9.545269,1.954338,9.772581,78.464111,85.470749

1.9644725,0.799203,9.533304,1.985445,9.770599,78.275497,85.207947

1.9669878,0.803988,9.562018,1.985445,9.799009,78.309975,85.193794

1.9695032,0.787239,9.554840,1.975873,9.788707,78.354698,85.289948

1.9720185,0.775275,9.547662,1.935195,9.772609,78.578659,85.357742

1.9745338,0.794417,9.554840,1.966302,9.787359,78.410278,85.247192

1.9770504,0.768096,9.590733,2.016551,9.830494,78.162758,85.421104

1.9795659,0.725025,9.578768,1.992623,9.810658,78.281235,85.671486

1.9820812,0.739382,9.571589,1.954338,9.797012,78.493271,85.582809

1.9845966,0.784846,9.566804,1.944767,9.793969,78.546783,85.310043

1.9871119,0.796810,9.619446,1.966302,9.850634,78.485748,85.264816

1.9896272,0.787239,9.602696,1.963909,9.833029,78.479080,85.313316

1.9921427,0.768096,9.626625,1.966302,9.855366,78.491348,85.438110

1.9946580,0.772882,9.633803,1.971088,9.863706,78.472847,85.413208

1.9971752,0.748953,9.595518,1.918446,9.814037,78.727249,85.536972

1.9996907,0.744168,9.609875,1.939981,9.831938,78.620056,85.571976

2.0022061,0.748953,9.638589,1.956731,9.863677,78.557907,85.556839

2.0047214,0.748953,9.638589,1.961516,9.864628,78.530670,85.556839

2.0072367,0.741775,9.674481,1.975873,9.902015,78.489792,85.615517

2.0097523,0.715454,9.612267,1.939981,9.832146,78.620300,85.743248

2.0122678,0.736989,9.619446,1.968695,9.846454,78.466583,85.618866

2.0147831,0.768096,9.631411,1.906481,9.848285,78.837921,85.440361

2.0172982,0.746561,9.660124,1.889732,9.871495,78.963562,85.580811

2.0198135,0.739382,9.605089,1.932802,9.825484,78.655182,85.598160

2.0223291,0.760918,9.631411,1.939981,9.854268,78.646187,85.482803

2.0248444,0.758525,9.629018,1.944767,9.852689,78.615952,85.495834

2.0273597,0.732204,9.636196,1.949552,9.858659,78.594566,85.654747

2.0298753,0.744168,9.593125,1.942374,9.816041,78.587128,85.564278

2.0323906,0.739382,9.583553,1.961516,9.810134,78.466087,85.588303

2.0349061,0.760918,9.593125,1.961516,9.821130,78.479172,85.464851

2.0374234,0.770489,9.600304,1.935195,9.823668,78.638817,85.411461

2.0399389,0.806381,9.597911,1.928017,9.822800,78.680504,85.197495

2.0424542,0.789631,9.578768,1.947159,9.806515,78.547371,85.287445

2.0449698,0.768096,9.583553,1.939981,9.808058,78.591980,85.417694

2.0474854,0.770489,9.588340,1.951945,9.815294,78.529243,85.405762

2.0500007,0.787239,9.542876,1.932802,9.768416,78.588013,85.284065

2.0525162,0.765703,9.557233,1.925624,9.779317,78.643806,85.419380

2.0550315,0.780060,9.557233,1.954338,9.786145,78.480316,85.333870

2.0575504,0.775275,9.590733,1.954338,9.818484,78.518776,85.378502

2.0600662,0.741775,9.614660,1.956731,9.839752,78.529709,85.588348

2.0625815,0.753739,9.619446,1.997409,9.853502,78.304489,85.519699

2.0650971,0.729811,9.605089,1.959123,9.829981,78.503922,85.654922

2.0676126,0.753739,9.617053,1.980659,9.847784,78.397110,85.518585

2.0701282,0.751346,9.614660,1.990230,9.847194,78.339546,85.531654

2.0726438,0.760918,9.662517,1.963909,9.889397,78.545639,85.497284

2.0751593,0.741775,9.640982,1.966302,9.867375,78.505547,85.600342

2.0776660,0.760918,9.624231,1.968695,9.852948,78.474289,85.479446

2.0801814,0.782453,9.624231,1.963909,9.853680,78.503555,85.352058

2.0826967,0.772882,9.614660,1.992623,9.849344,78.327911,85.404121

2.0852118,0.784846,9.576375,1.954338,9.805222,78.503036,85.314713

2.0877271,0.780060,9.578768,1.968695,9.810048,78.423187,85.344315

2.0902424,0.787239,9.588340,1.961516,9.818531,78.476082,85.306328

2.0927870,0.799203,9.585947,1.990230,9.822939,78.310349,85.234138

2.0953026,0.835095,9.590733,2.023730,9.837429,78.128502,85.023628

2.0978305,0.825524,9.581161,2.030908,9.828770,78.075127,85.075493

2.1003580,0.799203,9.562018,1.999802,9.801538,78.227318,85.222267

2.1028733,0.837488,9.566804,2.009373,9.811356,78.182167,84.997025

2.1053810,0.784846,9.530911,2.002194,9.770518,78.175064,85.292465

2.1078963,0.823131,9.526126,2.011766,9.770968,78.118271,85.061470

2.1104116,0.854238,9.516555,2.009373,9.763817,78.123787,84.870689

2.1129270,0.815953,9.523733,1.978266,9.761189,78.307068,85.103104

2.1154423,0.813560,9.514162,1.985445,9.753110,78.254173,85.112503

2.1179576,0.830309,9.526126,2.052444,9.780031,77.885818,85.018616

2.1204910,0.830309,9.511769,2.030908,9.761545,77.991783,85.011131

2.1230061,0.803988,9.516555,2.009373,9.759549,78.118523,85.170937

2.1255214,0.796810,9.523733,2.006980,9.765468,78.140175,85.217445

2.1280367,0.825524,9.547662,2.009373,9.791676,78.158073,85.058296

2.1305521,0.803988,9.554840,2.021337,9.799345,78.095993,85.190201

2.1330674,0.808774,9.545269,2.040479,9.794377,77.975395,85.156876

2.1355827,0.832702,9.538090,2.045265,9.790386,77.941780,85.010567

2.1380491,0.820738,9.530911,2.047658,9.782883,77.918068,85.078217

2.1405632,0.801596,9.576375,2.035694,9.823113,78.039627,85.215179

2.1430771,0.792024,9.573982,2.030908,9.819014,78.063103,85.270874

2.1455913,0.832702,9.605089,2.033301,9.853194,78.090897,85.045197

2.1481054,0.801596,9.554840,2.045265,9.804113,77.958916,85.204445

2.1506193,0.830309,9.566804,2.033301,9.815675,78.044708,85.039688

2.1531334,0.803988,9.595518,2.040479,9.842963,78.035629,85.210495

2.1556478,0.803988,9.597911,2.009373,9.838896,78.215721,85.211685

2.1581774,0.787239,9.576375,2.040479,9.822946,78.010887,85.300491

2.1606920,0.780060,9.562018,2.033301,9.806886,78.033836,85.336197

2.1632063,0.789631,9.583553,2.006980,9.823237,78.210922,85.289787

2.1657207,0.753739,9.583553,2.064408,9.832314,77.879906,85.502991

2.1682353,0.758525,9.554840,2.095814,9.811358,77.665955,85.461014

2.1707497,0.746561,9.569197,2.011766,9.806838,78.162361,85.538986

2.1732640,0.782453,9.585947,2.033301,9.830408,78.062889,85.333580

2.1757784,0.763310,9.595518,2.033301,9.838238,78.072533,85.451775

2.1782715,0.768096,9.557233,2.021337,9.798800,78.095314,85.405128

2.1807854,0.746561,9.595518,2.023730,9.834978,78.125504,85.551178

2.1832993,0.770489,9.605089,2.026123,9.846652,78.125557,85.413742

2.1858132,0.765703,9.597911,2.011766,9.836330,78.198364,85.438713

2.1883271,0.748953,9.576375,2.023730,9.816484,78.102806,85.528091

2.1908410,0.777667,9.595518,2.018944,9.836405,78.155739,85.366600

2.1933548,0.751346,9.562018,2.016551,9.801184,78.126846,85.507149

2.1958690,0.760918,9.576375,2.021337,9.816912,78.117599,85.456947

2.1984141,0.748953,9.576375,2.069193,9.825957,77.843399,85.528091

2.2009523,0.746561,9.607482,2.016551,9.845179,78.180672,85.556694

2.2034674,0.753739,9.588340,2.002194,9.824112,78.240501,85.505226

2.2059829,0.751346,9.578768,2.002194,9.814586,78.228920,85.514977

2.2084980,0.760918,9.597911,2.038087,9.841376,78.047913,85.467102

2.2110136,0.801596,9.578768,1.999802,9.818073,78.247429,85.216370

2.2135289,0.811167,9.593125,2.023730,9.837760,78.128914,85.166733

2.2160439,0.770489,9.564411,2.040479,9.809953,77.994774,85.394318

2.2185292,0.780060,9.612267,2.030908,9.855392,78.107811,85.360466

2.2210436,0.792024,9.607482,2.052444,9.856142,77.980766,85.287292

2.2235584,0.780060,9.578768,2.064408,9.829703,77.876633,85.344315

2.2260728,0.789631,9.576375,2.047658,9.824631,77.970177,85.286270

2.2285872,0.801596,9.588340,2.064408,9.840762,77.890465,85.221123

2.2311020,0.777667,9.566804,2.042872,9.813350,77.984703,85.352753

2.2336164,0.784846,9.583553,2.028515,9.827276,78.087547,85.318207

2.2361307,0.760918,9.569197,2.011766,9.807941,78.163712,85.453552

2.2386746,0.792024,9.569197,2.016551,9.811387,78.139374,85.268524

2.2411897,0.763310,9.576375,1.997409,9.812199,78.254562,85.442726

2.2437050,0.741775,9.550055,1.999802,9.785345,78.207550,85.558617

2.2462201,0.744168,9.581161,2.028515,9.821776,78.080780,85.558762

2.2487357,0.739382,9.569197,2.038087,9.811728,78.011261,85.581711

2.2512510,0.758525,9.588340,2.021337,9.828399,78.131691,85.476807

2.2537661,0.729811,9.571589,1.987837,9.803033,78.300552,85.639771

2.2562814,0.729811,9.552447,2.018944,9.790710,78.099648,85.631065

2.2587924,0.701097,9.566804,2.016551,9.802130,78.128006,85.808609

2.2613075,0.686740,9.578768,2.014158,9.812300,78.154770,85.899254

2.2638226,0.710668,9.569197,2.062015,9.814606,77.871986,85.752655

2.2663376,0.658026,9.597911,2.052444,9.836942,77.956955,86.077980

2.2688529,0.662812,9.573982,2.086242,9.821042,77.735451,86.039703

2.2713680,0.667598,9.578768,2.098206,9.828578,77.673622,86.013184

2.2738831,0.655633,9.595518,2.054837,9.834947,77.940216,86.091225

2.2763982,0.658026,9.578768,2.083550,9.824814,77.756302,86.070168

2.2789164,0.629312,9.600304,2.052444,9.837398,77.957520,86.249550

2.2814314,0.658026,9.583553,2.059622,9.824436,77.898582,86.072121

2.2839468,0.660419,9.588340,2.076372,9.832788,77.809181,86.059845

2.2864618,0.703490,9.571589,2.102992,9.825110,77.640633,85.796448

2.2889771,0.689133,9.614660,2.066801,9.858411,77.898247,85.900322

2.2914922,0.693919,9.609875,2.064408,9.853578,77.906456,85.869904

2.2940078,0.696311,9.621839,2.052444,9.862918,77.989143,85.860847

2.2965229,0.701097,9.585947,2.091028,9.836377,77.726341,85.816948

2.2990258,0.720240,9.578768,2.071586,9.826648,77.829994,85.699951

2.3015409,0.686740,9.595518,2.050051,9.836070,77.970123,85.906387

2.3040555,0.684347,9.590733,2.040479,9.829245,78.018684,85.918571

2.3065705,0.696311,9.605089,2.038087,9.843596,78.050644,85.853653

2.3090854,0.703490,9.597911,2.042872,9.838095,78.015373,85.807938

2.3116002,0.720240,9.590733,2.023730,9.828346,78.117371,85.705292

2.3141153,0.727418,9.605089,2.011766,9.840430,78.203354,85.669113

2.3166301,0.748953,9.602696,2.006980,9.838734,78.229759,85.540298

2.3191555,0.736989,9.605089,2.042872,9.847548,78.027054,85.612343

2.3216705,0.727418,9.564411,2.023730,9.803192,78.086441,85.650764

2.3241856,0.725025,9.597911,1.999802,9.830807,78.262863,85.680084

2.3267007,0.717847,9.597911,1.963909,9.823041,78.467201,85.722702

2.3292160,0.736989,9.590733,1.980659,9.820810,78.364792,85.605804

2.3317311,0.772882,9.600304,2.033301,9.843653,78.079185,85.397278

2.3342464,0.748953,9.593125,2.014158,9.830860,78.177452,85.535866

2.3367615,0.806381,9.593125,2.002194,9.832959,78.251228,85.195114

2.3392558,0.832702,9.607482,2.023730,9.853557,78.148216,85.046425

2.3417704,0.794417,9.588340,2.023730,9.831726,78.121521,85.263725

2.3442848,0.803988,9.588340,2.033301,9.834479,78.067902,85.206924

2.3467996,0.811167,9.557233,2.016551,9.801284,78.126968,85.148666

2.3493142,0.780060,9.538090,2.009373,9.778611,78.142021,85.324547

2.3518288,0.808774,9.569197,2.042872,9.818195,77.990723,85.168930

2.3543437,0.849452,9.585947,2.021337,9.833501,78.137939,84.936005

2.3568583,0.770489,9.573982,2.014158,9.813848,78.156662,85.398903

2.3594031,0.794417,9.576375,2.028515,9.821045,78.079880,85.257835

2.3619280,0.803988,9.559626,2.028515,9.805494,78.060699,85.192596

2.3644435,0.801596,9.533304,2.042872,9.782626,77.946404,85.193665

2.3669593,0.801596,9.526126,1.992623,9.765254,78.225967,85.190056

2.3694746,0.784846,9.530911,1.995016,9.769051,78.216278,85.292465

2.3719904,0.830309,9.521340,2.016551,9.767898,78.085793,85.016121

2.3745062,0.823131,9.518948,2.021337,9.765946,78.054680,85.057762

2.3770218,0.811167,9.573982,2.014158,9.817125,78.160675,85.157112

2.3795354,0.811167,9.600304,2.054837,9.851202,77.960419,85.170326

2.3820510,0.772882,9.573982,2.009373,9.813055,78.184242,85.384674

2.3845668,0.796810,9.557233,2.014158,9.799614,78.139214,85.234131

2.3870821,0.772882,9.576375,2.030908,9.819821,78.064102,85.385826

2.3895979,0.796810,9.550055,2.033301,9.796569,78.021049,85.230568

2.3921134,0.818345,9.554840,2.033301,9.803008,78.029030,85.104721

2.3946290,0.808774,9.554840,2.045265,9.804703,77.959656,85.161705

2.3971446,0.811167,9.545269,2.052444,9.797074,77.907211,85.142616

2.3996491,0.789631,9.573982,2.023730,9.817339,78.103859,85.285095

2.4021645,0.744168,9.583553,2.035694,9.825596,78.042694,85.559860

2.4046798,0.770489,9.585947,2.026123,9.827981,78.102669,85.404617

2.4071951,0.787239,9.609875,2.078765,9.863605,77.833633,85.316803

2.4097102,0.784846,9.583553,2.050051,9.831744,77.964752,85.318207

2.4122257,0.780060,9.595518,2.042872,9.841534,78.019623,85.352402

2.4147410,0.796810,9.626625,2.052444,9.875188,78.004288,85.268333

2.4172564,0.784846,9.597911,2.028515,9.841278,78.104744,85.325180

2.4197757,0.782453,9.581161,2.052444,9.829720,77.947975,85.331253

2.4222908,0.753739,9.612267,1.997409,9.846494,78.296051,85.516365

2.4248064,0.751346,9.581161,2.011766,9.818878,78.177086,85.516090

2.4273217,0.787239,9.588340,2.066801,9.840105,77.875397,85.306328

2.4298372,0.784846,9.607482,2.018944,9.848646,78.170670,85.329811

2.4323528,0.765703,9.595518,1.987837,9.829128,78.332054,85.437576

2.4348681,0.770489,9.583553,2.047658,9.830110,77.976982,85.403481

2.4373834,0.758525,9.581161,2.050051,9.827345,77.959282,85.473427

2.4398954,0.753739,9.571589,1.983052,9.803874,78.330132,85.497391

2.4424109,0.760918,9.583553,2.014158,9.822440,78.167175,85.460335

2.4449260,0.748953,9.597911,2.018944,9.836512,78.155869,85.538086

2.4474416,0.758525,9.607482,2.014158,9.845603,78.195412,85.485779

2.4499569,0.744168,9.595518,2.030908,9.836277,78.084366,85.565376

2.4524722,0.727418,9.564411,1.995016,9.797305,78.250740,85.650764

2.4549875,0.715454,9.571589,1.975873,9.799555,78.367775,85.725227

2.4575028,0.727418,9.590733,2.016551,9.827399,78.158981,85.662651

2.4600179,0.760918,9.626625,2.026123,9.866919,78.150307,85.480568

2.4625332,0.717847,9.576375,1.987837,9.806822,78.305138,85.713112

2.4650486,0.696311,9.588340,1.973480,9.814058,78.399467,85.846436

2.4675639,0.720240,9.593125,1.992623,9.824325,78.297768,85.706360

2.4700792,0.710668,9.588340,2.009373,9.822367,78.195602,85.761101

2.4725943,0.689133,9.626625,1.987837,9.853848,78.361732,85.905403

2.4751098,0.727418,9.571589,2.016551,9.808718,78.136101,85.654015

2.4776254,0.693919,9.600304,1.999802,9.830898,78.262978,85.865799

2.4801354,0.703490,9.607482,1.983052,9.835197,78.367821,85.812096

2.4826505,0.701097,9.609875,1.997409,9.840268,78.288536,85.827324

2.4851658,0.677169,9.581161,2.040479,9.819407,78.006500,85.957222

2.4876807,0.684347,9.571589,2.064408,9.815571,77.858910,85.910439

2.4901960,0.679562,9.585947,2.035694,9.823250,78.039795,85.945000

2.4927111,0.689133,9.602696,2.018944,9.836809,78.156227,85.895233

2.4952264,0.696311,9.583553,2.004587,9.815687,78.215996,85.844368

2.4977415,0.672383,9.578768,2.023730,9.813275,78.098862,85.984703

2.5002670,0.672383,9.597911,2.050051,9.837414,77.971786,85.992683

2.5027821,0.691526,9.573982,2.023730,9.809935,78.094749,85.868721

2.5052977,0.679562,9.557233,2.047658,9.797725,77.936638,85.932861

2.5078130,0.729811,9.552447,2.033301,9.793681,78.017464,85.631065

2.5103285,0.732204,9.566804,2.016551,9.804404,78.130806,85.623352

2.5128438,0.713061,9.588340,2.052444,9.831442,77.950119,85.746887

2.5153594,0.710668,9.569197,2.047658,9.811599,77.953957,85.752655

2.5178750,0.708275,9.569197,2.016551,9.804981,78.131508,85.766907

2.5203960,0.720240,9.578768,2.045265,9.821133,77.980095,85.699951

2.5229113,0.725025,9.564411,2.066801,9.811997,77.840134,85.665016

2.5254269,0.717847,9.576375,2.023730,9.814160,78.099945,85.713112

2.5279427,0.701097,9.595518,2.033301,9.833607,78.066833,85.821106

2.5304582,0.729811,9.609875,2.035694,9.850196,78.072998,85.657074

2.5329738,0.715454,9.585947,2.004587,9.819401,78.220512,85.731606

2.5354893,0.748953,9.607482,2.038087,9.849793,78.058273,85.542511

2.5380049,0.758525,9.602696,2.042872,9.846850,78.026192,85.483536

2.5405097,0.760918,9.624231,2.016551,9.862622,78.201874,85.479446

2.5430250,0.736989,9.576375,2.052444,9.821539,77.937782,85.599243

2.5455403,0.727418,9.542876,2.016551,9.780701,78.101616,85.640984

2.5480554,0.753739,9.585947,2.016551,9.824713,78.155693,85.504105

2.5505710,0.753739,9.552447,2.018944,9.792523,78.101883,85.488403

2.5530860,0.734597,9.557233,2.033301,9.798706,78.023697,85.604721

2.5556016,0.753739,9.571589,2.014158,9.810213,78.152214,85.497391

2.5581167,0.751346,9.569197,2.030908,9.811149,78.053398,85.510506

2.5606191,0.725025,9.595518,2.021337,9.832875,78.137177,85.679016

2.5631342,0.739382,9.569197,2.059622,9.816224,77.888306,85.581711

2.5656490,0.763310,9.564411,2.016551,9.804442,78.130852,85.437050

2.5681641,0.787239,9.535697,2.026123,9.780309,78.043823,85.280533

2.5706789,0.770489,9.521340,2.030908,9.765969,77.997307,85.373573

2.5731940,0.758525,9.542876,2.026123,9.785041,78.049690,85.455345

2.5757089,0.772882,9.578768,1.999802,9.815770,78.244629,85.386971

2.5782237,0.756132,9.562018,2.026123,9.803525,78.072556,85.478653

2.5807397,0.784846,9.550055,2.047658,9.798594,77.937729,85.301857

2.5832548,0.782453,9.576375,2.004587,9.815170,78.215363,85.328934

2.5857699,0.777667,9.597911,2.006980,9.836291,78.226791,85.367752

2.5882850,0.815953,9.538090,2.014158,9.782524,78.118187,85.110435

2.5907998,0.803988,9.569197,2.045265,9.818301,77.976578,85.197380

2.5933146,0.799203,9.552447,2.026123,9.797609,78.065247,85.217506

2.5958297,0.813560,9.569197,2.011766,9.812166,78.168877,85.140480

2.5983446,0.789631,9.590733,2.009373,9.830729,78.205788,85.293297

2.6008542,0.830309,9.576375,2.023730,9.823027,78.110847,85.044624

2.6033692,0.830309,9.614660,1.990230,9.853533,78.347153,85.064255

2.6058841,0.801596,9.597911,1.983052,9.833359,78.365616,85.225868

2.6083989,0.799203,9.573982,2.042872,9.822076,77.995537,85.228210

2.6109138,0.806381,9.578768,2.040479,9.826831,78.015701,85.187943

2.6134286,0.806381,9.626625,2.047658,9.874971,78.032410,85.211754

2.6159437,0.818345,9.571589,2.035694,9.819830,78.035568,85.113251

2.6184583,0.825524,9.585947,2.004587,9.828033,78.231010,85.077942

2.6209805,0.808774,9.607482,2.042872,9.855514,78.036873,85.188087

2.6234953,0.830309,9.588340,2.042872,9.838649,78.016060,85.050774

2.6260107,0.839881,9.559626,2.006980,9.804071,78.187546,84.979050

2.6285255,0.854238,9.557233,2.033301,9.808401,78.035713,84.892403

2.6310408,0.820738,9.578768,2.018944,9.823570,78.140038,85.102684

2.6335557,0.820738,9.590733,2.030908,9.837701,78.086113,85.108765

2.6360705,0.830309,9.590733,2.059622,9.844471,77.923584,85.052002

2.6385858,0.825524,9.583553,2.066801,9.838580,77.873482,85.076714

2.6411107,0.815953,9.557233,2.057229,9.810131,77.894958,85.120186

2.6436260,0.820738,9.571589,1.985445,9.809736,78.322937,85.099030

2.6461413,0.780060,9.535697,2.002194,9.774804,78.180328,85.323380

2.6486566,0.792024,9.593125,2.035694,9.838669,78.058815,85.280273

2.6511717,0.827917,9.571589,2.054837,9.824618,77.927353,85.056374

2.6536872,0.815953,9.578768,1.968695,9.812967,78.426682,85.131104

2.6562023,0.813560,9.590733,2.021337,9.835133,78.139938,85.151337

2.6587179,0.815953,9.576375,2.071586,9.831796,77.836464,85.129890

2.6612322,0.815953,9.588340,2.009373,9.830545,78.205566,85.135941

2.6637475,0.813560,9.559626,2.033301,9.807275,78.034317,85.135635

2.6662626,0.835095,9.554840,2.045265,9.806909,77.962402,85.005028

2.6687779,0.803988,9.569197,2.047658,9.818800,77.962921,85.197380

2.6712930,0.811167,9.609875,2.057229,9.861028,77.958382,85.175117

2.6738086,0.806381,9.595518,2.016551,9.838226,78.172195,85.196304

2.6763237,0.844666,9.590733,2.006980,9.834815,78.224998,84.966881

2.6788390,0.823131,9.576375,2.023730,9.822422,78.110100,85.087257

2.6813571,0.839881,9.595518,2.042872,9.846456,78.025703,84.997742

2.6838727,0.825524,9.559626,2.059622,9.813765,77.885223,85.064453

2.6863878,0.839881,9.595518,2.042872,9.846456,78.025703,84.997742

2.6889033,0.808774,9.585947,2.026123,9.831057,78.106445,85.177330

2.6914189,0.820738,9.581161,2.045265,9.831347,77.992767,85.103897

2.6939340,0.789631,9.557233,2.040479,9.804478,77.987968,85.276871

2.6964495,0.803988,9.521340,2.021337,9.766685,78.055595,85.173355

2.6989646,0.780060,9.554840,2.009373,9.794950,78.162086,85.332703

2.7014916,0.782453,9.590733,2.026123,9.833593,78.109558,85.335892

2.7040071,0.808774,9.571589,2.042872,9.820528,77.993622,85.170128

2.7065227,0.820738,9.554840,2.028515,9.802217,78.056648,85.090477

2.7090385,0.806381,9.542876,2.018944,9.787384,78.095543,85.169930

2.7115541,0.765703,9.557233,2.011766,9.796642,78.149864,85.419380

2.7140696,0.806381,9.533304,2.045265,9.783520,77.933189,85.165108

2.7165854,0.794417,9.538090,2.035694,9.785209,77.992607,85.238884

2.7191010,0.789631,9.545269,2.035694,9.791820,78.000839,85.270981

2.7215962,0.808774,9.612267,2.014158,9.854270,78.205948,85.190475

2.7241116,0.789631,9.573982,2.018944,9.816353,78.131187,85.285095

2.7266266,0.787239,9.566804,2.014158,9.808176,78.149719,85.295815

2.7291420,0.799203,9.571589,2.016551,9.814302,78.142944,85.227020

2.7316568,0.827917,9.600304,1.992623,9.839808,78.316444,85.071091

2.7341721,0.820738,9.569197,2.021337,9.814731,78.114922,85.097809

2.7366872,0.815953,9.564411,2.050051,9.815622,77.944687,85.123825

2.7392023,0.832702,9.562018,1.999802,9.804325,78.230713,85.022987

2.7417254,0.820738,9.545269,1.973480,9.781635,78.360474,85.085579

2.7442408,0.832702,9.562018,2.023730,9.809234,78.093880,85.022987

2.7467561,0.820738,9.547662,2.006980,9.790783,78.171280,85.086807

2.7492714,0.839881,9.550055,1.973480,9.787930,78.368065,84.974045

2.7517867,0.863809,9.573982,1.997409,9.818194,78.261833,84.844467

2.7543020,0.854238,9.573982,2.016551,9.821270,78.151482,84.901291

2.7568173,0.835095,9.569197,1.997409,9.811042,78.253159,85.012482

2.7593329,0.835095,9.583553,1.966302,9.818769,78.447861,85.019920

2.7618403,0.827917,9.597911,1.995016,9.837958,78.299980,85.069862

2.7643554,0.830309,9.595518,1.963909,9.829564,78.474960,85.054459

2.7668707,0.827917,9.602696,1.959123,9.835415,78.510361,85.072311

2.7693858,0.847059,9.619446,1.992623,9.860111,78.340836,84.967690

2.7719009,0.861416,9.593125,1.971088,9.831342,78.434372,84.868881

2.7744160,0.825524,9.624231,1.973480,9.859104,78.453194,85.097420

2.7769313,0.835095,9.612267,1.973480,9.848232,78.440277,85.034721

2.7794461,0.837488,9.590733,2.011766,9.835179,78.196960,85.009438

2.7819624,0.839881,9.602696,1.992623,9.843156,78.320473,85.001457

2.7844777,0.847059,9.585947,1.980659,9.825014,78.369843,84.950195

2.7869928,0.854238,9.554840,1.985445,9.796259,78.306641,84.891129

2.7895081,0.859023,9.566804,1.985445,9.808346,78.321259,84.869049

2.7920229,0.830309,9.542876,2.004587,9.786433,78.180260,85.027313

2.7945383,0.847059,9.545269,2.004587,9.790201,78.184875,84.928787

2.7970533,0.861416,9.578768,2.002194,9.823625,78.239906,84.861229

2.7995687,0.835095,9.571589,2.021337,9.818274,78.119278,85.013725

2.8020887,0.837488,9.550055,2.028515,9.798969,78.052628,84.988289

2.8046041,0.825524,9.557233,2.021337,9.803468,78.101067,85.063225

2.8071194,0.839881,9.590733,2.016551,9.836363,78.169922,84.995255

2.8096344,0.861416,9.562018,2.054837,9.818176,77.919312,84.852272

2.8121500,0.871287,9.576375,2.030908,9.828056,78.074249,84.801376

2.8146651,0.827917,9.588340,2.040479,9.837951,78.029442,85.064964

2.8171804,0.801596,9.562018,2.030908,9.808126,78.049660,85.208031

2.8196957,0.820738,9.559626,2.028515,9.806882,78.062408,85.092926

2.8222125,0.825524,9.585947,2.018944,9.830972,78.149094,85.077942

2.8247278,0.847059,9.612267,2.047658,9.864385,78.019379,84.963951

2.8272431,0.823131,9.581161,2.028515,9.828074,78.088531,85.089699

2.8297584,0.813560,9.605089,2.009373,9.846684,78.225174,85.158554

2.8322737,0.825524,9.595518,1.990230,9.834454,78.324226,85.082825

2.8347890,0.806381,9.585947,1.997409,9.824982,78.270058,85.191536

2.8373046,0.806381,9.590733,2.002194,9.830626,78.248398,85.193916

2.8398197,0.825524,9.600304,2.033301,9.847925,78.084435,85.085266

2.8423352,0.792024,9.595518,2.011766,9.836081,78.198059,85.281441

2.8448503,0.827917,9.600304,1.980659,9.837393,78.384682,85.071091

2.8473659,0.827917,9.645767,2.018944,9.889510,78.220253,85.094208

2.8498809,0.825524,9.619446,1.987837,9.857318,78.365891,85.094994

2.8523965,0.780060,9.595518,1.999802,9.832684,78.265137,85.352402

2.8549116,0.811167,9.569197,1.997409,9.809034,78.250717,85.154701

2.8574271,0.806381,9.605089,1.985445,9.841239,78.360840,85.201073

2.8599424,0.760918,9.633803,1.975873,9.863733,78.444504,85.483917

2.8624749,0.741775,9.595518,1.971088,9.823919,78.425514,85.579582

2.8649907,0.751346,9.595518,2.014158,9.833378,78.180527,85.522774

2.8675063,0.739382,9.585947,2.023730,9.825098,78.113388,85.589401

2.8700221,0.746561,9.576375,1.985445,9.808481,78.321419,85.542320

2.8725381,0.717847,9.585947,1.975873,9.813754,78.384834,85.717377

2.8750536,0.722632,9.619446,2.014158,9.854581,78.206322,85.703896

2.8775694,0.705883,9.595518,2.035694,9.834444,78.053612,85.792686

2.8800852,0.708275,9.576375,2.016551,9.811987,78.140106,85.770065

2.8825889,0.732204,9.578768,2.018944,9.816570,78.131454,85.628792

2.8851044,0.727418,9.583553,2.021337,9.821377,78.123085,85.659416

2.8876197,0.741775,9.557233,1.999802,9.792351,78.216110,85.561943

2.8901353,0.734597,9.569197,1.997409,9.802999,78.243378,85.610199

2.8926506,0.758525,9.564411,2.040479,9.809020,77.993614,85.465538

2.8951662,0.746561,9.566804,2.035694,9.809442,78.022713,85.537880

2.8976815,0.758525,9.573982,2.030908,9.816368,78.059845,85.470047

2.9001970,0.789631,9.573982,2.035694,9.819812,78.035545,85.285095

2.9027069,0.787239,9.545269,2.006980,9.785697,78.165047,85.285248

2.9052222,0.775275,9.590733,2.047658,9.837484,77.986130,85.378502

2.9077375,0.784846,9.583553,2.030908,9.827770,78.073898,85.318207

2.9102528,0.763310,9.571589,1.980659,9.804131,78.344719,85.440453

2.9127679,0.768096,9.545269,1.980659,9.778811,78.314117,85.399391

2.9152834,0.758525,9.552447,2.009373,9.790924,78.157150,85.459877

2.9177985,0.756132,9.578768,2.006980,9.815931,78.202026,85.486526

2.9203141,0.787239,9.571589,2.006980,9.811373,78.196465,85.298149

2.9228449,0.801596,9.583553,2.018944,9.826657,78.143814,85.218750

2.9253604,0.789631,9.569197,2.002194,9.808253,78.221214,85.282753

2.9278762,0.772882,9.557233,2.004587,9.795734,78.191643,85.376625

2.9303920,0.780060,9.554840,2.045265,9.802376,77.956749,85.332703

2.9329076,0.770489,9.571589,2.002194,9.809065,78.222198,85.397758

2.9354234,0.811167,9.545269,1.995016,9.785205,78.236008,85.142616

2.9379392,0.801596,9.540483,1.971088,9.774894,78.366653,85.197266

2.9404547,0.811167,9.581161,2.026123,9.826587,78.100960,85.160728

2.9429679,0.813560,9.550055,2.028515,9.796953,78.050133,85.130783

2.9454834,0.794417,9.547662,1.992623,9.785678,78.250893,85.243637

2.9479992,0.815953,9.573982,1.987837,9.812157,78.311584,85.128677

2.9505148,0.801596,9.578768,1.975873,9.813227,78.384201,85.216370

2.9530306,0.813560,9.581161,2.002194,9.821878,78.237785,85.146515

2.9555461,0.808774,9.550055,2.004587,9.791631,78.186623,85.159294

2.9580617,0.813560,9.583553,1.983052,9.820330,78.349960,85.147720

2.9605775,0.811167,9.566804,2.006980,9.808654,78.193146,85.153496

2.9630888,0.775275,9.605089,2.014158,9.844573,78.194160,85.385376

2.9656043,0.782453,9.585947,2.021337,9.827941,78.131134,85.333580

2.9681201,0.789631,9.569197,2.033301,9.814651,78.043442,85.282753

2.9706354,0.820738,9.540483,2.033301,9.789215,78.011917,85.083130

2.9731510,0.806381,9.545269,1.980659,9.781893,78.317856,85.171135

2.9756663,0.772882,9.562018,1.995016,9.798450,78.252136,85.378929

2.9781821,0.820738,9.583553,2.014158,9.827255,78.173058,85.105118

2.9806976,0.837488,9.545269,1.983052,9.784990,78.307297,84.985794

2.9832134,0.830309,9.588340,1.995016,9.828823,78.288956,85.050774

2.9857290,0.842274,9.588340,2.016551,9.834235,78.167328,84.979820

2.9882445,0.827917,9.583553,1.987837,9.822497,78.324066,85.062515

2.9907601,0.830309,9.605089,1.987837,9.843711,78.349579,85.059364

2.9932756,0.813560,9.602696,1.975873,9.837567,78.413345,85.157349

2.9957910,0.811167,9.600304,2.002194,9.840356,78.260185,85.170326

2.9983068,0.818345,9.629018,1.995016,9.867510,78.335518,85.142250

3.0008223,0.799203,9.593125,1.987837,9.829460,78.332451,85.237686

3.0033429,0.827917,9.590733,2.002194,9.832415,78.250572,85.066193

3.0058584,0.818345,9.602696,2.026123,9.848179,78.127426,85.128998

3.0083742,0.813560,9.626625,2.026123,9.871118,78.155418,85.169334

3.0108900,0.803988,9.585947,1.983052,9.821877,78.351822,85.205734

3.0134056,0.813560,9.542876,1.978266,9.779668,78.329475,85.127144

3.0159211,0.811167,9.605089,1.990230,9.842598,78.334023,85.172722

3.0184367,0.806381,9.602696,2.009373,9.843760,78.221626,85.199883

3.0209525,0.787239,9.585947,1.983052,9.820520,78.350189,85.305161

3.0234571,0.803988,9.576375,1.983052,9.812535,78.340576,85.200966

3.0259724,0.806381,9.542876,2.021337,9.787877,78.081841,85.169930

3.0284879,0.799203,9.593125,2.018944,9.835797,78.154991,85.237686

3.0310030,0.789631,9.564411,2.014158,9.806034,78.147087,85.280403

3.0335186,0.818345,9.573982,1.942374,9.803246,78.572037,85.114464

3.0360339,0.794417,9.576375,1.992623,9.813694,78.284912,85.257835

3.0385494,0.780060,9.583553,1.987837,9.818579,78.319344,85.346626

3.0410645,0.808774,9.554840,1.985445,9.792398,78.301971,85.161705

3.0435965,0.763310,9.605089,2.038087,9.848562,78.056763,85.456291

3.0461125,0.794417,9.605089,2.026123,9.848554,78.127884,85.271942

3.0486281,0.775275,9.578768,1.999802,9.815959,78.244858,85.372749

3.0511441,0.792024,9.595518,1.987837,9.831214,78.334564,85.281441

3.0536599,0.803988,9.583553,1.985445,9.820025,78.335342,85.204544

3.0561755,0.796810,9.571589,1.995016,9.809705,78.265808,85.241249

3.0586915,0.830309,9.600304,1.978266,9.837112,78.398575,85.056915

3.0612073,0.811167,9.583553,1.985445,9.820615,78.336052,85.161926

3.0637238,0.808774,9.569197,2.018944,9.813245,78.127373,85.168930

3.0662394,0.827917,9.569197,1.987837,9.808490,78.307159,85.055145

3.0687554,0.835095,9.545269,1.973480,9.782850,78.361938,85.000046

3.0712712,0.842274,9.581161,1.995016,9.822838,78.281715,84.976082

3.0737870,0.856631,9.583553,1.995016,9.826413,78.286041,84.892166

3.0763028,0.859023,9.576375,2.021337,9.825003,78.127533,84.874153

3.0788188,0.825524,9.581161,1.980659,9.818510,78.362030,85.075493

3.0813344,0.861416,9.554840,2.018944,9.803731,78.115685,84.848427

3.0838327,0.851845,9.593125,2.018944,9.840215,78.160385,84.925591

3.0863483,0.856631,9.595518,2.028515,9.844931,78.109222,84.898499

3.0888636,0.866202,9.550055,2.033301,9.802457,78.028351,84.817383

3.0913792,0.856631,9.588340,1.992623,9.830596,78.305336,84.894699

3.0938942,0.851845,9.581161,2.016551,9.828060,78.159782,84.919289

3.0964098,0.851845,9.578768,2.038087,9.830170,78.034088,84.918022

3.0989251,0.830309,9.540483,2.004587,9.784099,78.177399,85.026077

3.1014404,0.839881,9.576375,2.016551,9.822364,78.152817,84.987793

3.1039505,0.806381,9.571589,1.997409,9.810974,78.253075,85.184357

3.1064658,0.832702,9.585947,2.006980,9.829127,78.218086,85.035355

3.1089809,0.818345,9.578768,1.990230,9.817510,78.303787,85.116890

3.1114962,0.780060,9.578768,2.006980,9.817803,78.204308,85.344315

3.1140115,0.792024,9.593125,1.983052,9.827912,78.359077,85.280273

3.1165268,0.803988,9.569197,2.002194,9.809420,78.222633,85.197380

3.1190419,0.787239,9.562018,2.002194,9.801057,78.212440,85.293465

3.1215572,0.789631,9.576375,2.026123,9.820166,78.093063,85.286270

3.1240709,0.782453,9.617053,2.011766,9.856325,78.222649,85.348602

3.1265860,0.803988,9.573982,1.997409,9.813112,78.255669,85.199768

3.1291013,0.782453,9.573982,1.990230,9.809913,78.294601,85.327774

3.1316164,0.811167,9.578768,1.999802,9.818859,78.248383,85.159523

3.1341317,0.818345,9.578768,2.009373,9.821408,78.194435,85.116890

3.1366467,0.820738,9.566804,1.980659,9.804099,78.344681,85.096588

3.1391621,0.792024,9.566804,1.975873,9.800771,78.369232,85.267342

3.1416771,0.784846,9.573982,1.971088,9.806238,78.404358,85.313545

3.1441944,0.796810,9.590733,1.966302,9.822597,78.452431,85.250702

3.1467097,0.768096,9.571589,1.999802,9.808390,78.235657,85.411987

3.1492248,0.775275,9.552447,2.014158,9.793219,78.131355,85.360054

3.1517401,0.813560,9.597911,2.028515,9.843610,78.107605,85.154945

3.1542552,0.768096,9.597911,1.978266,9.829720,78.389725,85.424515

3.1567707,0.775275,9.590733,1.987837,9.825208,78.327332,85.378502

3.1592860,0.763310,9.590733,1.997409,9.826212,78.271545,85.449516

3.1618011,0.784846,9.617053,1.978266,9.849732,78.413643,85.334442

3.1643209,0.801596,9.624231,2.006980,9.863892,78.260208,85.238861

3.1668360,0.734597,9.614660,1.987837,9.845447,78.351662,85.630875

3.1693516,0.725025,9.595518,1.987837,9.826043,78.328339,85.679016

3.1718671,0.758525,9.597911,2.016551,9.836755,78.170403,85.481293

3.1743822,0.720240,9.573982,2.014158,9.810031,78.151993,85.697807

3.1768978,0.753739,9.621839,1.975873,9.851497,78.429955,85.520805

3.1794128,0.744168,9.624231,1.985445,9.855030,78.377350,85.578552

3.1819284,0.760918,9.631411,2.002194,9.866704,78.291985,85.482803

3.1844494,0.744168,9.624231,1.995016,9.856962,78.322861,85.578552

3.1869652,0.732204,9.585947,1.987837,9.817230,78.317711,85.632057

3.1894805,0.758525,9.581161,2.021337,9.821395,78.123108,85.473427

3.1919961,0.729811,9.597911,2.021337,9.835564,78.140465,85.651680

3.1945114,0.741775,9.593125,1.966302,9.820622,78.450073,85.578484

3.1970270,0.777667,9.576375,1.999802,9.813813,78.242249,85.357376

3.1995428,0.768096,9.607482,1.992623,9.841963,78.319038,85.429054

3.2020581,0.746561,9.597911,1.990230,9.830476,78.319435,85.552277

3.2045684,0.792024,9.578768,2.030908,9.823680,78.068863,85.273224

3.2070839,0.794417,9.581161,2.014158,9.822758,78.167564,85.260193

3.2095995,0.794417,9.583553,2.057229,9.834012,77.924797,85.261368

3.2121146,0.772882,9.557233,2.021337,9.799175,78.095779,85.376625

3.2146301,0.729811,9.597911,2.016551,9.834582,78.167755,85.651680

3.2171454,0.729811,9.614660,2.033301,9.854371,78.092346,85.659225

3.2196608,0.780060,9.595518,2.054837,9.844025,77.951508,85.352402

3.2221761,0.818345,9.597911,2.021337,9.842529,78.148979,85.126587

3.2246974,0.753739,9.583553,2.011766,9.821396,78.180161,85.502991

3.2272127,0.775275,9.607482,2.045265,9.853318,78.019943,85.386520

3.2297282,0.775275,9.585947,2.030908,9.829345,78.075836,85.376198

3.2322435,0.727418,9.571589,2.062015,9.818166,77.876457,85.654015

3.2347593,0.734597,9.597911,2.026123,9.836905,78.113625,85.623276

3.2372749,0.734597,9.585947,1.973480,9.814511,78.400009,85.617836

3.2397902,0.746561,9.583553,2.038087,9.826273,78.029266,85.545647

3.2423058,0.729811,9.557233,2.030908,9.797853,78.036942,85.633247

3.2448096,0.698704,9.559626,2.002194,9.792007,78.201385,85.819740

3.2473249,0.713061,9.593125,2.033301,9.832132,78.065018,85.749001

3.2498400,0.725025,9.562018,2.014158,9.798709,78.138100,85.663933

3.2523553,0.705883,9.573982,2.014158,9.808988,78.150711,85.783257

3.2548704,0.734597,9.564411,2.002194,9.799305,78.210304,85.608009

3.2573860,0.756132,9.550055,2.028515,9.792352,78.044434,85.473015

3.2599010,0.741775,9.554840,2.054837,9.801406,77.898323,85.560837

3.2624164,0.751346,9.547662,2.006980,9.785210,78.164444,85.500420

3.2649317,0.756132,9.552447,1.968695,9.782472,78.390099,85.474144

3.2674470,0.734597,9.547662,1.992623,9.781004,78.245201,85.600334

3.2699621,0.722632,9.578768,2.006980,9.813407,78.198944,85.685715

3.2724776,0.787239,9.607482,1.999802,9.844931,78.279945,85.315643

3.2749927,0.787239,9.583553,2.028515,9.827468,78.087784,85.303993

3.2775080,0.775275,9.585947,2.006980,9.824429,78.212372,85.376198

3.2800231,0.780060,9.545269,2.021337,9.788077,78.082085,85.328049

3.2825384,0.768096,9.550055,2.011766,9.789827,78.141495,85.401688

3.2850573,0.782453,9.571589,2.006980,9.810990,78.195999,85.326607

3.2875726,0.772882,9.583553,2.030908,9.826822,78.072731,85.389267

3.2900879,0.787239,9.602696,2.006980,9.841722,78.233383,85.313316

3.2926030,0.801596,9.588340,2.054837,9.838758,77.944962,85.221123

3.2951186,0.794417,9.557233,2.038087,9.804366,78.002129,85.248375

3.2976339,0.782453,9.583553,2.042872,9.830059,78.005432,85.332413

3.3001492,0.765703,9.607482,2.083550,9.860588,77.801407,85.443237

3.3026643,0.768096,9.569197,2.040479,9.814431,78.000336,85.410843

3.3051746,0.768096,9.573982,2.064408,9.824098,77.869614,85.413132

3.3076899,0.768096,9.569197,2.006980,9.807521,78.191757,85.410843

3.3102050,0.751346,9.597911,2.014158,9.835713,78.183372,85.523888

3.3127203,0.736989,9.576375,1.995016,9.809699,78.265800,85.599243

3.3152354,0.741775,9.607482,2.030908,9.847768,78.098473,85.585060

3.3177507,0.748953,9.554840,1.978266,9.786186,78.337357,85.518051

3.3202660,0.768096,9.607482,1.983052,9.840030,78.373611,85.429054

3.3227811,0.756132,9.638589,2.004587,9.873830,78.286369,85.514427

3.3253121,0.770489,9.566804,2.023730,9.808816,78.093369,85.395462

3.3278279,0.734597,9.578768,2.002194,9.813318,78.227379,85.614563

3.3303432,0.736989,9.590733,2.021337,9.829095,78.132545,85.605804

3.3328588,0.770489,9.621839,2.018944,9.861520,78.186333,85.421692

3.3353746,0.768096,9.581161,1.992623,9.816270,78.288033,85.416550

3.3378901,0.772882,9.571589,1.995016,9.807791,78.263481,85.383530

3.3404057,0.782453,9.564411,2.023730,9.807429,78.091660,85.323112

3.3429215,0.765703,9.588340,2.040479,9.832911,78.023216,85.434174

3.3454316,0.787239,9.605089,2.052444,9.853426,77.977402,85.314476

3.3479469,0.789631,9.562018,2.016551,9.804193,78.130539,85.279228

3.3504622,0.784846,9.550055,2.026123,9.794115,78.060928,85.301857

3.3529775,0.794417,9.499506,2.028515,9.746106,77.986862,85.219635

3.3554933,0.825524,9.554840,2.069193,9.811117,77.824730,85.061996

3.3580086,0.796810,9.566804,2.069193,9.820397,77.836411,85.238876

3.3605239,0.813560,9.557233,2.054837,9.809431,77.908379,85.134422

3.3630395,0.801596,9.540483,2.050051,9.791121,77.914063,85.197266

3.3655686,0.780060,9.552447,2.059622,9.803050,77.871780,85.331543

3.3680847,0.801596,9.550055,2.033301,9.796960,78.021530,85.202057

3.3706005,0.811167,9.542876,2.047658,9.793742,77.931664,85.141403

3.3731160,0.780060,9.576375,2.047658,9.823867,77.969223,85.343155

3.3756320,0.789631,9.595518,2.054837,9.844788,77.952454,85.295631

3.3781478,0.784846,9.585947,2.057229,9.835576,77.926750,85.319366

3.3806634,0.784846,9.590733,2.042872,9.837249,78.014328,85.321693

3.3831794,0.796810,9.578768,2.009373,9.819637,78.192276,85.244797

3.3856759,0.806381,9.545269,2.009373,9.787746,78.153244,85.171135

3.3881912,0.768096,9.583553,2.038087,9.827933,78.031319,85.417694

3.3907065,0.777667,9.593125,2.011766,9.832600,78.193825,85.365448

3.3932219,0.811167,9.609875,2.011766,9.851644,78.216972,85.175117

3.3957369,0.799203,9.619446,2.033301,9.864420,78.104652,85.250664

3.3982525,0.811167,9.619446,2.023730,9.863428,78.160248,85.179893

3.4007676,0.856631,9.571589,2.040479,9.824088,78.012299,84.885811

3.4032831,0.844666,9.578768,2.004587,9.822659,78.224480,84.960632

3.4058030,0.818345,9.593125,2.023730,9.838354,78.129639,85.124168

3.4083183,0.839881,9.585947,2.009373,9.830227,78.205177,84.992767

3.4108338,0.818345,9.576375,2.030908,9.823503,78.068642,85.115677

3.4133494,0.832702,9.576375,2.047658,9.828186,77.974594,85.030411

3.4158647,0.837488,9.550055,2.035694,9.800458,78.011574,84.988289

3.4183800,0.837488,9.557233,2.023730,9.804976,78.088638,84.992035

3.4208953,0.863809,9.557233,2.004587,9.803328,78.200920,84.835480

3.4234109,0.827917,9.533304,2.035694,9.783321,77.990257,85.036621

3.4259210,0.866202,9.523733,2.002194,9.770393,78.174911,84.803139

3.4284360,0.856631,9.552447,2.033301,9.803947,78.030197,84.875618

3.4309516,0.849452,9.569197,2.038087,9.820636,78.022293,84.927185

3.4334667,0.825524,9.535697,2.045265,9.787447,77.938110,85.052132

3.4359822,0.844666,9.530911,2.030908,9.781427,78.016556,84.935455

3.4384975,0.835095,9.547662,2.052444,9.801415,77.912643,85.001289

3.4410126,0.842274,9.550055,2.021337,9.797896,78.094208,84.959801

3.4435282,0.820738,9.535697,2.016551,9.781085,78.102089,85.080673

3.4460731,0.849452,9.569197,2.045265,9.822128,77.981331,84.927185

3.4486179,0.854238,9.564411,2.038087,9.816388,78.017036,84.896217

3.4511631,0.856631,9.538090,2.059622,9.795459,77.862236,84.867950

3.4537029,0.866202,9.564411,2.033301,9.816444,78.045662,84.825119

3.4562206,0.847059,9.545269,2.014158,9.792165,78.130058,84.928787

3.4587386,0.844666,9.533304,2.035694,9.784754,77.992043,84.936722

3.4612565,0.799203,9.550055,2.059622,9.802260,77.870789,85.216309

3.4637744,0.851845,9.564411,2.023730,9.813210,78.098778,84.910439

3.4662735,0.863809,9.554840,2.035694,9.807405,78.020187,84.834198

3.4687910,0.873679,9.528519,2.052444,9.786139,77.893494,84.761139

3.4713085,0.863809,9.545269,2.011766,9.793137,78.145554,84.829048

3.4738259,0.878465,9.528519,2.052444,9.786567,77.894028,84.732605

3.4763434,0.878465,9.583553,2.035694,9.836679,78.056366,84.762688

3.4788609,0.866202,9.593125,2.040479,9.845909,78.039261,84.840523

3.4813783,0.885643,9.566804,2.076372,9.829517,77.805061,84.710938

3.4838958,0.916750,9.573982,2.042872,9.832339,78.008255,84.530357

3.4863977,0.866202,9.552447,2.016551,9.801329,78.127022,84.818672

3.4889147,0.863809,9.562018,2.047658,9.816887,77.960541,84.838051

3.4914320,0.849452,9.562018,2.038087,9.813642,78.013634,84.923393

3.4939492,0.835095,9.626625,2.050051,9.877854,78.021767,85.042091

3.4964662,0.818345,9.602696,2.040479,9.851143,78.045715,85.128998

3.4989831,0.794417,9.590733,2.059622,9.841509,77.919891,85.264900

3.5015004,0.784846,9.595518,2.040479,9.841418,78.033722,85.324020

3.5040174,0.815953,9.593125,2.071586,9.848111,77.856918,85.138351

3.5065215,0.787239,9.569197,2.057229,9.819443,77.906616,85.296982

3.5090382,0.763310,9.566804,2.081157,9.820264,77.764824,85.438179

3.5115550,0.784846,9.569197,2.088635,9.825879,77.727310,85.311211

3.5140719,0.775275,9.597911,2.066801,9.848483,77.885864,85.381943

3.5165887,0.801596,9.564411,2.071586,9.818960,77.820320,85.209221

3.5191054,0.796810,9.566804,2.064408,9.819390,77.863708,85.238876

3.5216222,0.796810,9.557233,2.047658,9.806554,77.947662,85.234131

3.5241389,0.792024,9.535697,2.078765,9.791736,77.742950,85.251976

3.5266495,0.796810,9.557233,2.062015,9.809562,77.865662,85.234131

3.5291662,0.815953,9.581161,2.062015,9.834446,77.896828,85.132309

3.5316827,0.789631,9.590733,2.035694,9.836143,78.055710,85.293297

3.5341995,0.787239,9.538090,2.069193,9.791653,77.800156,85.281715

3.5367160,0.806381,9.523733,2.059622,9.777207,77.839233,85.160271

3.5392327,0.787239,9.542876,2.045265,9.791289,77.942909,85.284065

3.5417492,0.777667,9.562018,2.073979,9.815210,77.801300,85.350441

3.5442660,0.792024,9.535697,2.038087,9.783180,77.975754,85.251976

3.5467768,0.799203,9.526126,2.098206,9.787148,77.620621,85.204353

3.5492933,0.815953,9.538090,2.033301,9.786483,78.008514,85.110435

3.5518098,0.780060,9.542876,2.016551,9.784757,78.106621,85.326881

3.5543261,0.813560,9.542876,2.045265,9.793441,77.945602,85.127144

3.5568426,0.760918,9.545269,2.021337,9.786571,78.080223,85.442207

3.5593591,0.782453,9.559626,2.042872,9.806732,77.976479,85.320786

3.5618756,0.808774,9.554840,2.009373,9.797278,78.164940,85.161705

3.5643919,0.801596,9.550055,2.050051,9.800449,77.925743,85.202057

3.5668888,0.818345,9.566804,2.064408,9.821161,77.865929,85.110817

3.5694048,0.815953,9.597911,2.009373,9.839881,78.216919,85.140762

3.5719209,0.839881,9.573982,2.038087,9.824476,78.027046,84.986542

3.5744367,0.794417,9.564411,2.047658,9.813356,77.956146,85.251930

3.5769527,0.818345,9.588340,2.040479,9.837150,78.028458,85.121742

3.5794687,0.825524,9.585947,2.078765,9.843431,77.808311,85.077942

3.5819848,0.803988,9.576375,2.091028,9.834926,77.724503,85.200966

3.5845006,0.844666,9.605089,2.045265,9.856688,78.024101,84.974365

3.5870161,0.830309,9.590733,2.028515,9.838010,78.100739,85.052002

3.5895321,0.811167,9.562018,2.028515,9.808418,78.064308,85.151085

3.5920479,0.792024,9.585947,1.999802,9.824301,78.254982,85.276749

3.5945640,0.794417,9.602696,2.033301,9.847699,78.084160,85.270775

3.5970800,0.818345,9.583553,2.016551,9.827546,78.159157,85.119316

3.5995960,0.820738,9.571589,2.035694,9.820030,78.035820,85.099030

3.6021118,0.820738,9.619446,2.052444,9.870151,77.998077,85.123291

3.6046278,0.808774,9.578768,2.047658,9.828520,77.975006,85.173737

3.6071420,0.830309,9.593125,2.069193,9.848808,77.872032,85.053230

3.6096580,0.832702,9.585947,2.016551,9.831086,78.163483,85.035355

3.6121738,0.792024,9.578768,2.066801,9.831162,77.864197,85.273224

3.6146896,0.847059,9.552447,2.064408,9.809614,77.851425,84.932579

3.6172056,0.839881,9.585947,2.054837,9.839621,77.946037,84.992767

3.6197217,0.815953,9.576375,2.059622,9.829282,77.904640,85.129890

3.6222374,0.820738,9.562018,2.064408,9.816700,77.860329,85.094147

3.6247532,0.832702,9.538090,2.057229,9.792892,77.873329,85.010567

3.6272659,0.839881,9.552447,2.040479,9.803989,77.987358,84.975296

3.6297820,0.842274,9.562018,2.071586,9.820035,77.821671,84.966072

3.6322975,0.878465,9.545269,2.047658,9.801875,77.941826,84.741798

3.6348135,0.861416,9.542876,2.018944,9.792071,78.101326,84.842003

3.6373293,0.849452,9.550055,2.023730,9.799009,78.081276,84.917068

3.6398454,0.859023,9.533304,2.069193,9.793027,77.801895,84.851120

3.6423609,0.871287,9.547662,2.083550,9.811125,77.738953,84.785828

3.6448767,0.885643,9.554840,2.076372,9.817874,77.790375,84.704353

3.6473908,0.861416,9.538090,2.057229,9.795376,77.876450,84.839432

3.6499066,0.888036,9.542876,2.078765,9.806954,77.762268,84.683510

3.6524227,0.880858,9.562018,2.095814,9.828557,77.687874,84.736740

3.6549382,0.866202,9.569197,2.069193,9.828601,77.846718,84.827690

3.6574540,0.839881,9.547662,2.057229,9.802828,77.885803,84.972794

3.6599698,0.871287,9.540483,2.042872,9.795574,77.962578,84.781929

3.6624856,0.842274,9.581161,2.069193,9.838172,77.858719,84.976082

3.6650014,0.861416,9.526126,2.066801,9.785744,77.807007,84.832985

3.6675136,0.837488,9.569197,2.069193,9.826112,77.843590,84.998268

3.6700292,0.842274,9.581161,2.076372,9.839684,77.817856,84.976082

3.6725450,0.890429,9.530911,2.081157,9.796038,77.734100,84.662613

3.6750607,0.873679,9.576375,2.045265,9.831245,77.992645,84.787178

3.6775763,0.849452,9.619446,2.069193,9.876076,77.906021,84.953545

3.6800921,0.854238,9.583553,2.073979,9.842541,77.835693,84.906357

3.6826077,0.871287,9.562018,2.030908,9.814068,78.056999,84.793610

3.6851234,0.849452,9.590733,2.038087,9.841621,78.048218,84.938515

3.6876376,0.837488,9.566804,2.078765,9.825802,77.786102,84.997025

3.6901534,0.854238,9.571589,2.016551,9.818937,78.148628,84.900024

3.6926692,0.849452,9.550055,2.057229,9.805983,77.889763,84.917068

3.6951847,0.868595,9.559626,2.052444,9.815978,77.930847,84.808319

3.6977005,0.856631,9.569197,2.040479,9.821756,78.009415,84.884544

3.7002161,0.863809,9.569197,2.042872,9.822882,77.996536,84.841904

3.7027316,0.849452,9.566804,2.052444,9.821295,77.937477,84.925919

3.7052474,0.851845,9.571589,2.033301,9.822183,78.052742,84.914230

3.7077661,0.825524,9.538090,2.014158,9.783326,78.119179,85.053368

3.7102818,0.808774,9.576375,2.040479,9.824695,78.013054,85.172531

3.7127976,0.772882,9.581161,2.009373,9.820059,78.192787,85.388115

3.7153132,0.780060,9.550055,2.033301,9.795221,78.019371,85.330376

3.7178290,0.839881,9.607482,2.047658,9.859108,78.012871,85.003937

3.7203448,0.806381,9.614660,2.033301,9.860337,78.099655,85.205826

3.7228603,0.756132,9.571589,2.040479,9.815835,78.002075,85.483154

3.7253761,0.794417,9.562018,2.021337,9.805565,78.103653,85.250748

3.7278848,0.806381,9.573982,2.018944,9.817715,78.132858,85.185555

3.7304001,0.765703,9.595518,2.023730,9.836451,78.127304,85.437576

3.7329156,0.765703,9.573982,2.047658,9.820404,77.964920,85.427361

3.7354314,0.784846,9.571589,2.040479,9.818089,78.004868,85.312378

3.7379467,0.729811,9.535697,2.076372,9.786391,77.750488,85.623421

3.7404625,0.739382,9.590733,2.059622,9.837219,77.914543,85.591591

3.7429779,0.758525,9.595518,2.038087,9.838859,78.044807,85.480171

3.7454934,0.751346,9.571589,2.078765,9.823498,77.783195,85.511627

3.7480071,0.772882,9.583553,2.033301,9.827317,78.059082,85.389267

3.7505226,0.782453,9.569197,2.038087,9.815068,78.015404,85.325447

3.7530379,0.775275,9.576375,2.018944,9.817542,78.132645,85.371597

3.7555535,0.725025,9.564411,2.059622,9.810488,77.881111,85.665016

3.7580690,0.715454,9.585947,2.078765,9.834811,77.797462,85.731606

3.7605846,0.746561,9.576375,2.028515,9.817290,78.075256,85.542320

3.7631001,0.756132,9.562018,2.033301,9.805012,78.031517,85.478653

3.7656155,0.748953,9.564411,2.035694,9.807290,78.020042,85.522514

3.7681341,0.768096,9.576375,2.047658,9.822924,77.968048,85.414268

3.7706494,0.746561,9.583553,2.030908,9.824787,78.070221,85.545647

3.7731652,0.770489,9.585947,2.035694,9.829958,78.048080,85.404617

3.7756808,0.770489,9.593125,1.995016,9.828621,78.288712,85.408043

3.7781963,0.808774,9.538090,2.045265,9.788380,77.939278,85.153252

3.7807119,0.825524,9.530911,2.062015,9.786300,77.836372,85.049660

3.7832274,0.815953,9.576375,2.078765,9.833311,77.795578,85.129890

3.7857430,0.787239,9.581161,2.047658,9.829103,77.975731,85.302826

3.7882550,0.813560,9.528519,2.016551,9.773486,78.092705,85.119835

3.7907703,0.823131,9.547662,2.050051,9.799903,77.925056,85.072556

3.7932861,0.813560,9.554840,2.038087,9.803603,78.001175,85.133209

3.7958014,0.784846,9.526126,2.054837,9.776779,77.867378,85.290108

3.7983170,0.777667,9.578768,2.028515,9.822039,78.081100,85.358528

3.8008325,0.770489,9.562018,2.035694,9.806625,78.019218,85.393173

3.8033478,0.760918,9.550055,2.033301,9.793715,78.017502,85.444481

3.8058634,0.808774,9.564411,2.016551,9.808086,78.135323,85.166519

3.8083770,0.825524,9.559626,2.066801,9.815274,77.844254,85.064453

3.8108923,0.796810,9.617053,2.035694,9.862387,78.087959,85.263641

3.8134079,0.777667,9.571589,2.047658,9.819012,77.963188,85.355064

3.8159235,0.782453,9.573982,2.018944,9.815778,78.130486,85.327774

3.8184385,0.784846,9.590733,1.990230,9.826451,78.314583,85.321693

3.8209543,0.782453,9.593125,2.006980,9.832002,78.221581,85.337051

3.8234694,0.780060,9.585947,2.045265,9.832700,77.994446,85.347786

3.8259850,0.775275,9.576375,2.050051,9.823987,77.955101,85.371597

3.8285010,0.770489,9.562018,2.050051,9.809615,77.937195,85.393173

3.8310163,0.789631,9.590733,2.038087,9.836639,78.042068,85.293297

3.8335319,0.756132,9.547662,2.047658,9.794003,77.931992,85.471886

3.8360472,0.777667,9.593125,2.040479,9.838515,78.030144,85.365448

3.8385627,0.777667,9.573982,2.042872,9.820348,77.993393,85.356224

3.8410783,0.763310,9.559626,2.042872,9.805223,77.974602,85.434769

3.8435936,0.763310,9.566804,2.035694,9.810730,78.024307,85.438179

3.8461092,0.763310,9.571589,2.050051,9.818384,77.948128,85.440453

3.8486242,0.753739,9.581161,2.011766,9.819061,78.177307,85.501869

3.8511398,0.748953,9.581161,2.040479,9.824618,78.012962,85.530312

3.8536551,0.753739,9.600304,2.014158,9.838231,78.186440,85.510803

3.8561707,0.717847,9.612267,2.016551,9.847714,78.183762,85.729065

3.8586862,0.710668,9.593125,1.995016,9.824113,78.283257,85.763214

3.8612015,0.729811,9.612267,2.014158,9.848104,78.198456,85.658150

3.8637171,0.703490,9.597911,2.054837,9.840587,77.947235,85.807938

3.8662324,0.708275,9.602696,2.028515,9.840137,78.103348,85.781616

3.8687460,0.739382,9.619446,2.021337,9.857293,78.166985,85.604698

3.8712614,0.736989,9.585947,1.999802,9.820017,78.249786,85.603622

3.8737767,0.691526,9.576375,2.006980,9.808829,78.193359,85.869743

3.8762922,0.698704,9.619446,2.006980,9.851391,78.245094,85.845642

3.8788078,0.703490,9.631411,2.062015,9.874760,77.946983,85.822464

3.8813229,0.713061,9.571589,2.026123,9.809635,78.080093,85.739471

3.8838384,0.729811,9.573982,2.052444,9.818670,77.934204,85.640854

3.8863537,0.727418,9.595518,2.040479,9.837005,78.028275,85.664810

3.8888462,0.727418,9.605089,2.028515,9.843868,78.107918,85.669113

3.8913610,0.722632,9.566804,2.033301,9.807153,78.034164,85.680344

3.8938758,0.758525,9.557233,2.064408,9.807030,77.848175,85.462143

3.8963904,0.760918,9.578768,2.040479,9.823204,78.011208,85.458076

3.8989055,0.753739,9.569197,2.018944,9.808863,78.121994,85.496269

3.9014201,0.753739,9.573982,2.052444,9.820477,77.936462,85.498512

3.9039352,0.763310,9.581161,2.083550,9.834758,77.768875,85.444992

3.9064498,0.753739,9.557233,2.076372,9.809186,77.779396,85.490654

3.9089923,0.746561,9.581161,2.064408,9.829433,77.876297,85.544533

3.9115078,0.763310,9.585947,2.040479,9.830391,78.020103,85.447250

3.9140234,0.758525,9.588340,2.071586,9.838857,77.845329,85.476807

3.9165387,0.744168,9.569197,2.023730,9.809118,78.093742,85.553230

3.9190543,0.725025,9.578768,2.045265,9.821486,77.980537,85.671486

3.9215698,0.763310,9.562018,2.073979,9.814083,77.799881,85.435905

3.9240854,0.732204,9.581161,2.033301,9.821867,78.052353,85.629883

3.9266009,0.736989,9.617053,2.006980,9.851844,78.245644,85.617783

3.9291143,0.734597,9.597911,2.057229,9.843359,77.936440,85.623276

3.9316297,0.725025,9.607482,2.026123,9.845534,78.124191,85.684372

3.9341452,0.768096,9.581161,2.016551,9.821156,78.151344,85.416550

3.9366605,0.756132,9.571589,2.026123,9.812860,78.084068,85.483154

3.9391761,0.710668,9.562018,2.052444,9.805599,77.917877,85.749481

3.9416916,0.725025,9.595518,2.042872,9.837325,78.014427,85.679016

3.9442070,0.736989,9.588340,2.064408,9.835711,77.884148,85.604713

3.9467225,0.725025,9.609875,2.066801,9.856319,77.895645,85.685448

3.9492397,0.746561,9.607482,2.021337,9.846160,78.153412,85.556694

3.9517555,0.739382,9.581161,2.028515,9.821415,78.080338,85.587204

3.9542708,0.727418,9.566804,2.050051,9.810992,77.938911,85.651848

3.9567864,0.772882,9.581161,2.014158,9.821039,78.165459,85.388115

3.9593017,0.775275,9.569197,2.030908,9.813010,78.055695,85.368141

3.9618175,0.753739,9.559626,2.062015,9.808490,77.864311,85.491776

3.9643331,0.748953,9.576375,2.021337,9.815991,78.116470,85.528091

3.9668484,0.765703,9.550055,2.023730,9.792106,78.072754,85.415955

3.9693663,0.775275,9.562018,2.004587,9.800592,78.197586,85.364677

3.9718819,0.760918,9.562018,2.035694,9.805878,78.018295,85.450157

3.9743977,0.772882,9.535697,2.040479,9.782148,77.960136,85.366226

3.9769130,0.796810,9.585947,2.052444,9.835538,77.955208,85.248344

3.9794285,0.784846,9.564411,2.028515,9.808609,78.064545,85.308876

3.9819443,0.792024,9.528519,2.016551,9.771717,78.090515,85.248413

3.9844596,0.787239,9.566804,2.021337,9.809652,78.108681,85.295815

3.9869754,0.782453,9.554840,2.028515,9.799086,78.052773,85.318451

3.9894927,0.818345,9.552447,2.088635,9.812305,77.710068,85.103500

3.9920080,0.808774,9.547662,2.054837,9.799709,77.896202,85.158081

3.9945238,0.787239,9.578768,2.066801,9.830778,77.863716,85.301659

3.9970393,0.801596,9.602696,2.057229,9.853250,77.948730,85.228233

3.9995549,0.799203,9.554840,2.066801,9.808434,77.835648,85.218697

4.0020709,0.777667,9.571589,2.057229,9.821012,77.908577,85.355064

4.0045862,0.775275,9.573982,2.054837,9.822654,77.924896,85.370445

4.0071020,0.772882,9.590733,2.054837,9.838793,77.945007,85.392700

4.0096226,0.748953,9.609875,2.073979,9.859615,77.857086,85.543617

4.0121384,0.758525,9.595518,2.054837,9.842341,77.949417,85.480171

4.0146542,0.780060,9.600304,2.064408,9.850691,77.902855,85.354713

4.0171700,0.744168,9.633803,2.035694,9.874614,78.102921,85.582932

4.0196857,0.760918,9.588340,2.028515,9.830063,78.090973,85.462593

4.0222015,0.751346,9.559626,2.026123,9.800823,78.069221,85.506035

4.0247173,0.787239,9.564411,2.026123,9.808307,78.078453,85.294640

4.0272331,0.763310,9.576375,2.018944,9.816605,78.131500,85.442726

4.0297446,0.729811,9.578768,2.028515,9.818365,78.076576,85.643028

4.0322604,0.765703,9.590733,2.030908,9.833262,78.080658,85.435310

4.0347757,0.782453,9.617053,1.997409,9.853405,78.304375,85.348602

4.0372915,0.787239,9.550055,2.045265,9.798285,77.951653,85.287598

4.0398073,0.782453,9.554840,2.035694,9.800574,78.011711,85.318451

4.0423226,0.803988,9.562018,2.002194,9.802417,78.214096,85.193794

4.0448384,0.758525,9.585947,2.026123,9.827050,78.101524,85.475677

4.0473542,0.732204,9.566804,2.030908,9.807367,78.048721,85.623352

4.0498681,0.748953,9.576375,2.014158,9.814515,78.157478,85.528091

4.0523839,0.744168,9.581161,2.018944,9.819804,78.135422,85.558762

4.0548997,0.756132,9.614660,2.026123,9.854877,78.135612,85.503304

4.0574150,0.782453,9.559626,2.011766,9.800301,78.154350,85.320786

4.0599308,0.775275,9.583553,2.016551,9.824054,78.154884,85.375053

4.0624461,0.780060,9.583553,2.047658,9.830865,77.977913,85.346626

4.0649619,0.753739,9.564411,1.992623,9.798808,78.266861,85.494026

4.0674777,0.782453,9.528519,2.016551,9.770947,78.089569,85.305580

4.0699935,0.801596,9.547662,2.009373,9.789687,78.155632,85.200859

4.0725093,0.775275,9.578768,2.023730,9.820862,78.108185,85.372749

4.0750251,0.787239,9.571589,2.042872,9.818778,77.991447,85.298149

4.0775404,0.806381,9.562018,2.042872,9.811003,77.981789,85.179558

4.0800562,0.813560,9.559626,2.059622,9.812765,77.883972,85.135635

4.0825720,0.813560,9.578768,2.062015,9.831917,77.893669,85.145309

4.0850873,0.796810,9.559626,2.042872,9.807888,77.977913,85.235321

4.0876031,0.811167,9.550055,2.018944,9.794778,78.104668,85.145035

4.0901179,0.803988,9.542876,2.059622,9.795659,77.862488,85.184196

4.0926332,0.796810,9.564411,2.062015,9.816556,77.874435,85.237694

4.0951490,0.832702,9.533304,2.047658,9.786224,77.922249,85.008072

4.0976648,0.827917,9.554840,2.040479,9.805304,77.988998,85.047752

4.1001801,0.808774,9.583553,2.011766,9.825773,78.185501,85.176132

4.1026959,0.832702,9.581161,2.057229,9.834847,77.925842,85.032883

4.1052117,0.825524,9.583553,2.026123,9.830114,78.105293,85.076714

4.1077271,0.801596,9.566804,2.009373,9.808357,78.178505,85.210419

4.1102452,0.818345,9.566804,2.026123,9.813185,78.084473,85.110817

4.1127605,0.803988,9.571589,2.018944,9.815186,78.129761,85.198578

4.1152763,0.823131,9.573982,2.040479,9.823555,78.011642,85.086029

4.1177917,0.796810,9.564411,2.045265,9.813051,77.970047,85.237694

4.1203074,0.775275,9.593125,2.035694,9.837335,78.057175,85.379646

4.1228232,0.753739,9.564411,2.088635,9.818782,77.718300,85.494026

4.1253390,0.756132,9.585947,2.050051,9.831827,77.964851,85.489891

4.1278543,0.696311,9.578768,2.035694,9.817418,78.032585,85.842300

4.1303687,0.698704,9.605089,2.030908,9.842282,78.091743,85.839455

4.1328845,0.686740,9.585947,2.073979,9.831754,77.822144,85.902313

4.1354003,0.713061,9.569197,2.035694,9.809283,78.022514,85.738403

4.1379156,0.672383,9.583553,2.030908,9.819429,78.063622,85.986694

4.1404314,0.691526,9.597911,2.050051,9.838740,77.973434,85.878983

4.1429467,0.725025,9.573982,2.042872,9.816319,77.988396,85.669334

4.1454625,0.739382,9.557233,2.086242,9.810188,77.721672,85.576202

4.1479783,0.698704,9.581161,2.047658,9.822410,77.967415,85.829102

4.1504941,0.732204,9.576375,2.035694,9.817695,78.032928,85.627708

4.1530099,0.763310,9.581161,2.057229,9.829215,77.918816,85.444992

4.1555257,0.772882,9.585947,2.086242,9.840738,77.760384,85.390411

4.1580410,0.813560,9.578768,2.045265,9.828417,77.989136,85.145309

4.1605568,0.806381,9.578768,2.054837,9.829822,77.933838,85.187943

4.1630726,0.794417,9.581161,2.091028,9.838807,77.729424,85.260193

4.1655879,0.820738,9.573982,2.066801,9.828856,77.861305,85.100250

4.1681037,0.835095,9.571589,2.054837,9.825226,77.928108,85.013725

4.1706204,0.789631,9.571589,2.081157,9.827006,77.773354,85.283928

4.1731362,0.827917,9.540483,2.102992,9.804531,77.614281,85.040337

4.1756516,0.813560,9.530911,2.040479,9.780783,77.958435,85.121056

4.1781673,0.787239,9.552447,2.030908,9.797631,78.036667,85.288773

4.1806831,0.811167,9.557233,2.030908,9.804248,78.044861,85.148666

4.1831989,0.784846,9.557233,2.028515,9.801610,78.055893,85.305367

4.1857147,0.775275,9.547662,2.014158,9.788550,78.125610,85.357742

4.1882305,0.796810,9.540483,1.997409,9.779844,78.215149,85.225807

4.1907458,0.803988,9.514162,2.033301,9.762172,77.978210,85.169731

4.1932616,0.820738,9.552447,2.021337,9.798401,78.094826,85.089256

4.1957769,0.799203,9.557233,2.050051,9.807249,77.934235,85.219887

4.1982927,0.796810,9.573982,2.011766,9.815459,78.172905,85.242432

4.2008085,0.837488,9.559626,2.050051,9.812774,77.941132,84.993286

4.2033243,0.856631,9.557233,2.021337,9.806137,78.104355,84.878174

4.2058396,0.842274,9.590733,2.042872,9.841997,78.020195,84.981071

4.2083554,0.827917,9.602696,2.050051,9.853930,77.992249,85.072311

4.2108693,0.861416,9.569197,2.033301,9.820686,78.050896,84.856117

4.2133846,0.888036,9.550055,2.042872,9.806399,77.976059,84.687485

4.2159004,0.835095,9.540483,2.035694,9.790926,77.999725,84.997551

4.2184162,0.856631,9.547662,1.990230,9.790438,78.270988,84.873062

4.2209315,0.895215,9.605089,2.021337,9.856214,78.165672,84.675293

4.2234473,0.861416,9.585947,2.064408,9.843485,77.893867,84.865059

4.2259631,0.873679,9.562018,2.033301,9.814775,78.043594,84.779396

4.2284784,0.890429,9.566804,2.050051,9.824424,77.955650,84.682526

4.2309942,0.907179,9.566804,2.038087,9.823467,78.025803,84.583084

4.2335100,0.904786,9.573982,2.018944,9.826286,78.143364,84.601318

4.2360258,0.880858,9.569197,2.054837,9.826891,77.930183,84.740669

4.2385411,0.878465,9.576375,2.045265,9.831672,77.993172,84.758781

4.2410569,0.876072,9.593125,2.038087,9.846287,78.053963,84.782059

4.2435727,0.876072,9.583553,2.047658,9.838948,77.987938,84.776871

4.2460880,0.856631,9.585947,2.059622,9.842065,77.920586,84.893433

4.2486038,0.885643,9.540483,2.054837,9.799363,77.895767,84.696426

4.2511206,0.868595,9.590733,2.052444,9.846275,77.968544,84.825066

4.2536364,0.832702,9.550055,2.073979,9.808075,77.792290,85.016785

4.2561522,0.847059,9.535697,2.064408,9.793304,77.830887,84.923721

4.2586679,0.856631,9.540483,2.066801,9.799300,77.824135,84.869225

4.2611837,0.815953,9.538090,2.064408,9.792994,77.830498,85.110435

4.2636991,0.835095,9.545269,2.026123,9.793606,78.060295,85.000046

4.2662148,0.863809,9.557233,2.066801,9.816238,77.845467,84.835480

4.2687306,0.844666,9.554840,2.059622,9.810733,77.881424,84.948074

4.2712436,0.842274,9.602696,2.047658,9.854649,78.007362,84.987289

4.2737589,0.830309,9.540483,2.052444,9.794016,77.903374,85.026077

4.2762747,0.847059,9.511769,2.028515,9.762486,78.007317,84.911018

4.2787900,0.851845,9.569197,2.066801,9.826842,77.858780,84.912971

4.2813058,0.851845,9.554840,2.064408,9.812359,77.854874,84.905365

4.2838211,0.880858,9.571589,2.064408,9.831226,77.878540,84.741974

4.2863369,0.897608,9.547662,2.030908,9.802456,78.042648,84.629219

4.2888522,0.863809,9.573982,2.038087,9.826550,78.029610,84.844467

4.2913690,0.876072,9.559626,2.045265,9.815145,77.972656,84.763870

4.2938848,0.830309,9.538090,2.009373,9.782747,78.147102,85.024834

4.2964001,0.844666,9.569197,2.016551,9.815777,78.144753,84.955612

4.2989159,0.847059,9.573982,2.059622,9.829582,77.905014,84.943916

4.3014312,0.813560,9.583553,2.057229,9.835577,77.926750,85.147720

4.3039470,0.811167,9.569197,2.059622,9.821892,77.895401,85.154701

4.3064628,0.861416,9.552447,2.004587,9.798451,78.194969,84.847145

4.3089781,0.813560,9.600304,2.047658,9.849904,78.001503,85.156151

4.3114934,0.820738,9.571589,2.045265,9.822019,77.981201,85.099030

4.3140092,0.820738,9.595518,2.004587,9.836968,78.241852,85.111191

4.3165245,0.844666,9.573982,2.002194,9.817504,78.232468,84.958122

4.3190403,0.849452,9.542876,2.014158,9.790040,78.127441,84.913269

4.3215556,0.844666,9.573982,2.016551,9.820442,78.150467,84.958122

4.3240714,0.820738,9.588340,1.990230,9.827049,78.315308,85.107552

4.3265872,0.818345,9.597911,2.016551,9.841548,78.176247,85.126587

4.3291025,0.835095,9.554840,2.042872,9.806410,77.976074,85.005028

4.3316178,0.794417,9.550055,2.018944,9.793405,78.102974,85.244820

4.3341331,0.808774,9.588340,2.016551,9.831422,78.163895,85.178528

4.3366489,0.820738,9.597911,1.990230,9.836388,78.326553,85.112404

4.3391647,0.803988,9.595518,2.002194,9.835098,78.253822,85.210495

4.3416800,0.796810,9.569197,2.050051,9.818713,77.948540,85.240067

4.3441954,0.782453,9.593125,2.042872,9.839391,78.016975,85.337051

4.3467116,0.815953,9.617053,2.026123,9.861980,78.144287,85.150391

4.3492270,0.832702,9.581161,2.040479,9.831357,78.021294,85.032883

4.3517432,0.844666,9.588340,2.023730,9.835915,78.126648,84.965637

4.3542590,0.844666,9.614660,2.045265,9.866015,78.035591,84.979347

4.3567748,0.856631,9.557233,2.045265,9.811097,77.967621,84.878174

4.3592901,0.883251,9.571589,2.047658,9.827937,77.974281,84.727768

4.3618059,0.868595,9.595518,2.054837,9.851435,77.960709,84.827637

4.3643217,0.825524,9.564411,2.050051,9.816422,77.945686,85.066910

4.3668370,0.844666,9.514162,2.047658,9.768605,77.900139,84.926590

4.3693528,0.823131,9.530911,2.023730,9.778103,78.055420,85.063934

4.3718681,0.825524,9.514162,1.990230,9.755090,78.227882,85.040985

4.3743839,0.811167,9.533304,2.028515,9.780427,78.029640,85.136551

4.3768992,0.856631,9.557233,2.054837,9.813097,77.912964,84.878174

4.3794150,0.818345,9.571589,2.009373,9.814407,78.185898,85.113251

4.3819304,0.823131,9.593125,2.030908,9.840233,78.089226,85.095787

4.3844461,0.827917,9.569197,2.062015,9.823792,77.883499,85.055145

4.3869619,0.830309,9.550055,2.047658,9.802340,77.942406,85.031036

4.3894773,0.839881,9.566804,2.038087,9.817481,78.018387,84.982803

4.3919921,0.844666,9.576375,2.004587,9.820325,78.221642,84.959373

4.3945079,0.832702,9.557233,2.026123,9.805063,78.074455,85.020508

4.3970232,0.844666,9.585947,2.014158,9.831616,78.178375,84.964386

4.3995385,0.851845,9.609875,2.021337,9.857035,78.166672,84.934387

4.4020543,0.856631,9.571589,2.016551,9.819146,78.148880,84.885811

4.4045701,0.830309,9.578768,2.002194,9.820947,78.236656,85.045853

4.4070854,0.823131,9.597911,2.009373,9.840479,78.217644,85.098221

4.4096007,0.851845,9.576375,1.995016,9.818996,78.277069,84.916763

4.4121189,0.873679,9.609875,2.035694,9.861899,78.087357,84.805252

4.4146347,0.890429,9.550055,2.014158,9.800675,78.140518,84.673248

4.4171505,0.892822,9.573982,1.995016,9.820303,78.278648,84.672287

4.4196658,0.849452,9.583553,2.006980,9.828226,78.216995,84.934746

4.4221816,0.871287,9.550055,1.997409,9.795526,78.234283,84.787125

4.4246974,0.871287,9.530911,1.997409,9.776863,78.211502,84.776718

4.4272127,0.856631,9.545269,2.009373,9.792015,78.158485,84.871788

4.4297285,0.856631,9.540483,2.038087,9.793284,77.988350,84.869225

4.4322448,0.854238,9.593125,2.009373,9.838463,78.215195,84.911415

4.4347606,0.868595,9.540483,1.971088,9.780616,78.373558,84.797958

4.4372759,0.801596,9.554840,1.961516,9.786984,78.438423,85.204445

4.4397917,0.813560,9.540483,1.990230,9.779759,78.258003,85.125923

4.4423075,0.811167,9.518948,1.983052,9.757092,78.273392,85.129250

4.4448228,0.789631,9.581161,2.009373,9.821391,78.194412,85.288612

4.4473391,0.803988,9.588340,2.011766,9.830050,78.190712,85.206924

4.4498544,0.813560,9.578768,1.983052,9.815660,78.344345,85.145309

4.4523692,0.787239,9.576375,2.028515,9.820467,78.079170,85.300491

4.4548845,0.736989,9.583553,2.006980,9.819145,78.205940,85.602524

4.4574008,0.782453,9.562018,2.021337,9.804603,78.102470,85.321953

4.4599161,0.803988,9.564411,2.011766,9.806710,78.162201,85.194992

4.4624314,0.782453,9.573982,1.997409,9.811372,78.253555,85.327774

4.4649472,0.760918,9.559626,2.014158,9.799095,78.138573,85.449020

4.4674630,0.792024,9.581161,2.028515,9.825519,78.085388,85.274406

4.4699783,0.756132,9.571589,2.033301,9.814345,78.043068,85.483154

4.4724979,0.739382,9.540483,1.975873,9.770955,78.333244,85.568466

4.4750137,0.782453,9.552447,1.999802,9.790848,78.214279,85.317284

4.4775295,0.772882,9.557233,1.992623,9.793293,78.260162,85.376625

4.4800453,0.777667,9.559626,2.016551,9.800902,78.126503,85.349281

4.4825611,0.746561,9.578768,2.042872,9.822599,77.996185,85.543427

4.4850769,0.770489,9.533304,2.026123,9.776641,78.039276,85.379356

4.4875922,0.789631,9.571589,2.040479,9.818473,78.005348,85.283928

4.4901085,0.803988,9.588340,2.050051,9.837955,77.972466,85.206924

4.4926167,0.806381,9.600304,2.045265,9.848817,78.014389,85.198692

4.4951320,0.782453,9.581161,2.052444,9.829720,77.947975,85.331253

4.4976473,0.789631,9.595518,2.004587,9.834422,78.238762,85.295631

4.5001631,0.813560,9.552447,2.006980,9.794850,78.176262,85.131996

4.5026789,0.784846,9.581161,2.035694,9.826427,78.043724,85.317039

4.5051942,0.784846,9.566804,2.030908,9.811438,78.053749,85.310043

4.5077100,0.782453,9.595518,2.045265,9.842221,78.006233,85.338211

4.5102253,0.806381,9.554840,2.054837,9.806506,77.904716,85.175949

4.5127411,0.803988,9.554840,2.030908,9.801324,78.041245,85.190201

4.5152574,0.803988,9.552447,2.059622,9.804983,77.874207,85.189003

4.5177727,0.794417,9.562018,2.045265,9.810525,77.966904,85.250748

4.5202880,0.789631,9.542876,2.021337,9.786511,78.080154,85.269798

4.5228038,0.827917,9.576375,2.023730,9.822824,78.110596,85.058830

4.5253191,0.811167,9.588340,2.047658,9.838046,77.986824,85.164330

4.5278349,0.803988,9.550055,2.014158,9.793200,78.131332,85.187798

4.5303507,0.772882,9.528519,2.023730,9.771668,78.047440,85.362747

4.5328660,0.784846,9.552447,2.016551,9.794474,78.118591,85.303032

4.5353818,0.775275,9.609875,2.045265,9.855651,78.022820,85.387665

4.5378971,0.768096,9.583553,2.038087,9.827933,78.031319,85.417694

4.5404129,0.789631,9.600304,2.030908,9.844488,78.094444,85.297966

4.5429282,0.796810,9.624231,2.021337,9.866435,78.178108,85.267159

4.5454440,0.839881,9.585947,2.045265,9.837626,78.000549,84.992767

4.5479598,0.830309,9.588340,2.016551,9.833218,78.166084,85.050774

4.5504751,0.801596,9.595518,2.028515,9.840295,78.103539,85.224686

4.5529900,0.796810,9.576375,2.033301,9.822228,78.052803,85.243614

4.5555058,0.820738,9.571589,2.009373,9.814608,78.186142,85.099030

4.5580211,0.815953,9.617053,2.040479,9.864941,78.062675,85.150391

4.5605364,0.827917,9.578768,2.023730,9.825157,78.113464,85.060059

4.5630517,0.849452,9.571589,2.021337,9.819506,78.120789,84.928444

4.5655675,0.856631,9.595518,2.042872,9.847898,78.027481,84.898499

4.5680833,0.859023,9.585947,2.004587,9.830904,78.234497,84.879242

4.5705986,0.818345,9.557233,2.028515,9.804349,78.059280,85.105942

4.5731192,0.849452,9.566804,2.059622,9.822797,77.896530,84.925919

4.5756350,0.866202,9.559626,2.035694,9.812278,78.026222,84.822540

4.5781507,0.839881,9.535697,2.014158,9.782216,78.117813,84.966515

4.5806661,0.868595,9.550055,2.026123,9.801182,78.069664,84.803146

4.5831823,0.868595,9.571589,2.011766,9.819215,78.177498,84.814774

4.5856977,0.851845,9.540483,2.035694,9.792369,78.001518,84.897736

4.5882130,0.842274,9.535697,2.052444,9.790377,77.898811,84.952248

4.5907292,0.825524,9.588340,1.983052,9.825998,78.356781,85.079163

4.5932422,0.813560,9.600304,2.064408,9.853400,77.906227,85.156151

4.5957580,0.808774,9.571589,2.033301,9.818542,78.048248,85.170128

4.5982733,0.789631,9.602696,2.023730,9.845343,78.138184,85.299133

4.6007891,0.825524,9.597911,1.995016,9.837757,78.299744,85.084045

4.6033044,0.794417,9.562018,1.999802,9.801147,78.226837,85.250748

4.6058202,0.792024,9.607482,1.971088,9.839522,78.444122,85.287292

4.6083360,0.823131,9.573982,2.002194,9.815674,78.230247,85.086029

4.6108513,0.823131,9.607482,1.995016,9.846895,78.310753,85.103081

4.6133614,0.784846,9.593125,1.995016,9.829757,78.290085,85.322853

4.6158772,0.813560,9.588340,2.006980,9.829858,78.218979,85.150131

4.6183929,0.830309,9.585947,2.035694,9.834828,78.054085,85.049545

4.6209083,0.799203,9.581161,2.011766,9.822656,78.181694,85.231766

4.6234241,0.815953,9.571589,1.999802,9.812253,78.240356,85.127464

4.6259394,0.811167,9.588340,2.021337,9.832602,78.136841,85.164330

4.6284547,0.863809,9.583553,2.023730,9.832911,78.122971,84.849586

4.6309700,0.839881,9.585947,2.023730,9.833172,78.123291,84.992767

4.6334877,0.844666,9.595518,1.997409,9.837534,78.285240,84.969383

4.6360030,0.851845,9.583553,1.995016,9.825997,78.285538,84.920547

4.6385188,0.868595,9.550055,1.999802,9.795775,78.220291,84.803146

4.6410341,0.871287,9.552447,1.999802,9.798347,78.223427,84.788429

4.6435494,0.820738,9.585947,2.033301,9.833529,78.066734,85.106331

4.6460652,0.842274,9.557233,1.990230,9.798528,78.280815,84.963570

4.6485806,0.878465,9.554840,2.021337,9.805737,78.103867,84.747032

4.6510963,0.868595,9.552447,2.045265,9.807488,77.963127,84.804436

4.6536102,0.856631,9.566804,2.006980,9.812519,78.197861,84.883270

4.6561260,0.854238,9.607482,2.009373,9.852463,78.232178,84.918976

4.6586413,0.827917,9.581161,2.040479,9.830954,78.020798,85.061287

4.6611567,0.820738,9.569197,2.040479,9.818691,78.005615,85.097809

4.6636720,0.811167,9.552447,2.071586,9.808094,77.806618,85.146248

4.6661878,0.792024,9.569197,2.069193,9.822342,77.838852,85.268524

4.6687031,0.784846,9.569197,2.033301,9.814266,78.042969,85.311211

4.6712184,0.787239,9.547662,1.995016,9.785585,78.236473,85.286423

4.6737337,0.806381,9.557233,2.026123,9.802863,78.071739,85.177155

4.6762490,0.813560,9.566804,2.002194,9.807875,78.220749,85.139267

4.6787643,0.780060,9.535697,2.006980,9.775785,78.152870,85.323380

4.6812797,0.803988,9.554840,2.028515,9.800829,78.054932,85.190201

4.6837955,0.820738,9.569197,1.995016,9.809344,78.265366,85.097809

4.6863108,0.782453,9.571589,2.011766,9.811971,78.168640,85.326607

4.6888261,0.758525,9.583553,2.018944,9.823237,78.139626,85.474556

4.6913419,0.794417,9.542876,2.011766,9.784926,78.135468,85.241264

4.6938505,0.777667,9.585947,1.999802,9.823154,78.253593,85.361992

4.6963658,0.765703,9.607482,2.011766,9.845670,78.209717,85.443237

4.6988816,0.803988,9.585947,2.011766,9.827715,78.187866,85.205734

4.7013965,0.799203,9.626625,2.021337,9.868963,78.181183,85.254189

4.7039118,0.803988,9.631411,2.016551,9.873042,78.214508,85.228256

4.7064271,0.794417,9.602696,2.028515,9.846712,78.111404,85.270775

4.7089429,0.789631,9.619446,2.026123,9.862171,78.144516,85.307281

4.7114577,0.782453,9.612267,2.004587,9.850192,78.257858,85.346298

4.7139783,0.741775,9.609875,2.038087,9.851585,78.060478,85.586159

4.7164936,0.772882,9.550055,2.006980,9.789222,78.169365,85.373161

4.7190089,0.760918,9.588340,2.028515,9.830063,78.090973,85.462593

4.7215247,0.756132,9.593125,2.033301,9.835350,78.068977,85.493256

4.7240400,0.667598,9.612267,1.992623,9.839305,78.315834,86.027039

4.7265553,0.684347,9.607482,2.026123,9.842622,78.120628,85.925667

4.7290711,0.665205,9.609875,2.035694,9.845620,78.067375,86.040245

4.7315865,0.650848,9.640982,2.033301,9.874535,78.117012,86.137909

4.7340951,0.629312,9.597911,2.026123,9.829603,78.104660,86.248619

4.7366109,0.631705,9.581161,2.040479,9.816377,78.002747,86.227837

4.7391262,0.643669,9.595518,2.018944,9.826719,78.143890,86.162338

4.7416410,0.650848,9.566804,2.033301,9.802125,78.027939,86.108055

4.7441564,0.669990,9.593125,2.100599,9.843245,77.678024,86.004913

4.7466722,0.665205,9.562018,2.050051,9.801908,77.927567,86.020493

4.7491870,0.677169,9.590733,2.045265,9.829741,77.990784,85.961243

4.7517023,0.679562,9.547662,2.045265,9.787889,77.938660,85.928795

4.7542219,0.734597,9.569197,2.050051,9.813861,77.942490,85.610199

4.7567372,0.748953,9.571589,2.054837,9.818279,77.919441,85.525864

4.7592530,0.736989,9.545269,2.098206,9.800907,77.638275,85.584961

4.7617683,0.777667,9.516555,2.076372,9.771433,77.731445,85.328323

4.7642837,0.825524,9.554840,2.071586,9.811622,77.811073,85.061996

4.7667994,0.851845,9.554840,2.066801,9.812862,77.841217,84.905365

4.7693148,0.835095,9.547662,2.050051,9.800915,77.926323,85.001289

4.7718301,0.842274,9.564411,2.076372,9.823376,77.797318,84.967331

4.7743430,0.842274,9.566804,2.086242,9.827796,77.744011,84.968582

4.7768583,0.835095,9.547662,2.057229,9.802419,77.885292,85.001289

4.7793736,0.830309,9.578768,2.052444,9.831314,77.949959,85.045853

4.7818890,0.842274,9.550055,2.014158,9.796418,78.135284,84.959801

4.7844043,0.854238,9.535697,2.026123,9.785930,78.050797,84.880928

4.7869196,0.847059,9.588340,2.066801,9.845072,77.881599,84.951447

4.7894349,0.849452,9.571589,2.028515,9.820986,78.079803,84.928444

4.7919502,0.827917,9.600304,2.006980,9.842726,78.234596,85.071091

4.7944665,0.842274,9.593125,2.009373,9.837431,78.213943,84.982315

4.7969823,0.825524,9.571589,1.987837,9.810622,78.309731,85.070595

4.7994976,0.818345,9.597911,1.956731,9.829465,78.517540,85.126587

4.8020124,0.825524,9.581161,1.985445,9.819476,78.334679,85.075493

4.8045278,0.823131,9.583553,1.978266,9.820162,78.378265,85.090919

4.8070436,0.794417,9.581161,1.997409,9.819337,78.263222,85.260193

4.8095589,0.823131,9.605089,2.021337,9.849928,78.158012,85.101868

4.8120742,0.825524,9.573982,2.016551,9.818813,78.148476,85.071815

4.8145890,0.847059,9.583553,2.002194,9.827044,78.244057,84.948936

4.8171043,0.863809,9.602696,1.992623,9.845226,78.322960,84.859802

4.8196192,0.818345,9.552447,2.040479,9.802168,77.985092,85.103500

4.8221345,0.851845,9.550055,2.016551,9.797738,78.122612,84.902824

4.8246503,0.878465,9.562018,2.002194,9.808806,78.221886,84.750954

4.8271656,0.911965,9.533304,1.985445,9.780468,78.287498,84.535660

4.8296804,0.863809,9.540483,1.995016,9.785043,78.235809,84.826462

4.8321958,0.866202,9.528519,2.045265,9.783971,77.933754,84.805733

4.8347106,0.859023,9.523733,2.040479,9.777678,77.954552,84.845970

4.8372254,0.895215,9.533304,2.030908,9.788252,78.025040,84.635429

4.8397408,0.911965,9.557233,1.987837,9.804278,78.302063,84.549263

4.8422561,0.892822,9.564411,1.997409,9.811460,78.253662,84.666985

4.8447719,0.871287,9.573982,2.014158,9.822276,78.166977,84.800087

4.8472867,0.871287,9.552447,2.078765,9.814767,77.772163,84.788429

4.8498020,0.854238,9.576375,2.064408,9.833537,77.881432,84.902557

4.8523173,0.827917,9.554840,2.057229,9.808803,77.893295,85.047752

4.8548303,0.818345,9.562018,2.059622,9.815495,77.887390,85.108383

4.8573461,0.784846,9.538090,2.050051,9.787433,77.909439,85.295990

4.8598609,0.796810,9.564411,2.026123,9.809079,78.079407,85.237694

4.8623762,0.780060,9.557233,2.045265,9.804708,77.959663,85.333870

4.8648911,0.832702,9.576375,2.064408,9.831690,77.879120,85.030411

4.8674068,0.780060,9.593125,2.033301,9.837218,78.071274,85.351250

4.8699222,0.787239,9.538090,2.064408,9.790643,77.827530,85.281715

4.8724370,0.792024,9.566804,2.076372,9.821526,77.794983,85.267342

4.8749514,0.772882,9.566804,2.035694,9.811480,78.025238,85.381226

4.8774672,0.789631,9.585947,2.062015,9.836962,77.899971,85.290955

4.8799820,0.801596,9.588340,2.052444,9.838259,77.958588,85.221123

4.8824973,0.808774,9.559626,2.023730,9.804899,78.088539,85.164116

4.8850121,0.801596,9.583553,2.052444,9.833594,77.952797,85.218750

4.8875279,0.827917,9.588340,2.047658,9.839441,77.988548,85.064964

4.8900433,0.801596,9.595518,2.038087,9.842272,78.049019,85.224686

4.8925581,0.832702,9.564411,2.038087,9.814538,78.014748,85.024231

4.8950753,0.787239,9.593125,2.021337,9.835324,78.140175,85.308662

4.8975906,0.758525,9.581161,2.033301,9.823865,78.054825,85.473427

4.9001060,0.820738,9.588340,2.030908,9.835368,78.083244,85.107552

4.9026213,0.811167,9.585947,2.009373,9.827815,78.202240,85.163132

4.9051366,0.815953,9.583553,2.035694,9.831293,78.049728,85.133522

4.9076519,0.794417,9.571589,2.071586,9.825370,77.828384,85.255470

4.9101667,0.803988,9.578768,2.021337,9.822678,78.124680,85.202156

4.9126825,0.837488,9.609875,2.042872,9.860244,78.042694,85.019333

4.9151974,0.782453,9.585947,2.052444,9.834386,77.953781,85.333580

4.9177122,0.794417,9.564411,2.045265,9.812858,77.969810,85.251930

4.9202275,0.818345,9.564411,2.064408,9.818830,77.863007,85.109596

4.9227433,0.823131,9.585947,2.069193,9.841214,77.862534,85.092133

4.9252582,0.813560,9.578768,2.028515,9.824945,78.084679,85.145309

4.9277735,0.832702,9.545269,1.987837,9.785553,78.279358,85.014297

4.9302883,0.842274,9.557233,2.045265,9.809855,77.966072,84.963570

4.9328041,0.792024,9.564411,2.073979,9.818689,77.805695,85.266167

4.9353175,0.777667,9.569197,2.071586,9.821698,77.823769,85.353912

4.9378328,0.820738,9.578768,2.073979,9.835030,77.826263,85.102684

4.9403477,0.775275,9.562018,2.033301,9.806506,78.033363,85.364677

4.9428630,0.789631,9.581161,2.035694,9.826811,78.044197,85.288612

4.9453788,0.794417,9.597911,2.033301,9.843034,78.078430,85.268425

4.9478936,0.796810,9.573982,2.028515,9.818906,78.077240,85.242432

4.9504089,0.787239,9.573982,2.054837,9.823606,77.926086,85.299324

4.9529243,0.780060,9.585947,1.990230,9.821400,78.308487,85.347786

4.9554405,0.792024,9.590733,1.999802,9.828971,78.260643,85.279099

4.9579558,0.823131,9.552447,2.028515,9.800085,78.054008,85.075012

4.9604707,0.784846,9.528519,2.054837,9.779111,77.870316,85.291283

4.9629865,0.811167,9.588340,2.014158,9.831128,78.177780,85.164330

4.9655018,0.830309,9.552447,2.040479,9.803174,77.986343,85.032272

4.9680166,0.796810,9.559626,2.047658,9.808887,77.950577,85.235321

4.9705324,0.801596,9.552447,2.006980,9.793864,78.175056,85.203255

4.9730473,0.801596,9.576375,2.086242,9.833714,77.751503,85.215179

4.9755640,0.806381,9.559626,2.078765,9.816209,77.773987,85.178352

4.9780798,0.789631,9.578768,2.054837,9.828462,77.932144,85.287445

4.9805946,0.825524,9.559626,2.076372,9.817293,77.789642,85.064453

4.9831100,0.772882,9.562018,2.026123,9.804832,78.074165,85.378929

4.9856253,0.842274,9.573982,2.030908,9.823195,78.068260,84.972336

4.9881406,0.815953,9.614660,2.042872,9.863103,78.046211,85.149193

4.9906559,0.782453,9.595518,2.033301,9.839742,78.074379,85.338211

4.9931712,0.801596,9.578768,2.026123,9.823468,78.097122,85.216370

4.9956856,0.811167,9.583553,2.011766,9.825971,78.185745,85.161926

4.9982014,0.777667,9.569197,2.038087,9.814688,78.014931,85.353912

5.0007162,0.820738,9.576375,2.052444,9.828178,77.946053,85.101463

5.0032315,0.839881,9.581161,2.064408,9.836962,77.885712,84.990280

5.0057468,0.823131,9.581161,2.057229,9.834042,77.924835,85.089699

5.0082622,0.806381,9.581161,2.076372,9.836677,77.814072,85.189140

5.0107775,0.813560,9.578768,2.026123,9.824451,78.098335,85.145309

5.0132928,0.830309,9.557233,2.062015,9.812340,77.869148,85.034744

5.0158062,0.835095,9.530911,2.059622,9.786608,77.851089,84.992554

5.0183220,0.820738,9.528519,2.047658,9.780552,77.915138,85.076981

5.0208368,0.803988,9.569197,2.062015,9.821804,77.881012,85.197380

5.0233521,0.847059,9.573982,2.028515,9.823112,78.082420,84.943916

5.0258670,0.799203,9.526126,2.057229,9.778445,77.855141,85.204353

5.0283828,0.815953,9.562018,2.047658,9.812792,77.955444,85.122612

5.0308976,0.844666,9.545269,2.038087,9.796908,77.992859,84.943039

5.0334129,0.847059,9.538090,2.021337,9.786647,78.080315,84.924988

5.0359263,0.818345,9.554840,2.052444,9.806996,77.919624,85.104721

5.0384417,0.815953,9.569197,2.062015,9.822790,77.882248,85.126259

5.0409570,0.768096,9.518948,2.076372,9.773006,77.733452,85.386726

5.0434718,0.818345,9.550055,2.088635,9.809976,77.707100,85.102280

5.0459871,0.847059,9.602696,2.050051,9.855556,77.994263,84.958954

5.0485020,0.830309,9.614660,2.076372,9.871293,77.857460,85.064255

5.0510178,0.806381,9.583553,2.035694,9.830503,78.048752,85.190338

5.0535326,0.815953,9.595518,2.040479,9.843947,78.036842,85.139557

5.0560470,0.830309,9.545269,2.064408,9.801191,77.840828,85.028557

5.0585623,0.799203,9.557233,2.026123,9.802275,78.071014,85.219887

5.0610776,0.792024,9.576375,2.035694,9.822337,78.038673,85.272049

5.0635929,0.799203,9.600304,2.004587,9.839865,78.245361,85.241234

5.0661077,0.815953,9.585947,2.054837,9.837607,77.943527,85.134727

5.0686226,0.823131,9.576375,2.047658,9.827380,77.973587,85.087257

5.0711384,0.823131,9.573982,2.047658,9.825048,77.970695,85.086029

5.0736532,0.837488,9.566804,2.064408,9.822775,77.867950,84.997025

5.0761695,0.830309,9.547662,2.042872,9.799009,77.966858,85.029793

5.0786843,0.839881,9.547662,2.014158,9.793880,78.132164,84.972794

5.0812001,0.832702,9.533304,2.059622,9.788734,77.853775,85.008072

5.0837150,0.832702,9.554840,2.038087,9.805210,78.003174,85.019272

5.0862303,0.830309,9.535697,2.064408,9.791870,77.829079,85.023590

5.0887451,0.806381,9.526126,2.059622,9.779538,77.842178,85.161476

5.0912609,0.796810,9.542876,2.054837,9.794066,77.889122,85.226997

5.0937757,0.789631,9.578768,2.054837,9.828462,77.932144,85.287445

5.0962925,0.758525,9.569197,2.066801,9.819193,77.849174,85.467789

5.0988083,0.768096,9.545269,2.107778,9.805348,77.586700,85.399391

5.1013236,0.803988,9.576375,2.062015,9.828797,77.889771,85.200966

5.1038384,0.775275,9.571589,2.062015,9.821827,77.881042,85.369293

5.1063542,0.756132,9.533304,2.064408,9.783527,77.818535,85.465088

5.1088691,0.744168,9.530911,2.045265,9.776256,77.924088,85.535439

5.1113844,0.770489,9.597911,2.045265,9.843610,78.007950,85.410324

5.1138992,0.758525,9.621839,2.047658,9.866511,78.021996,85.492485

5.1164150,0.753739,9.533304,2.040479,9.778321,77.955353,85.479385

5.1189303,0.760918,9.564411,2.014158,9.803763,78.144302,85.451286

5.1214452,0.760918,9.593125,2.047658,9.838696,77.987625,85.464851

5.1239605,0.701097,9.578768,2.047658,9.820246,77.964722,85.813828

5.1264763,0.760918,9.590733,2.016551,9.829935,78.162079,85.463722

5.1289911,0.744168,9.583553,2.040479,9.826589,78.015396,85.559860

5.1315064,0.760918,9.595518,2.045265,9.840532,78.004143,85.465973

5.1340213,0.763310,9.602696,2.042872,9.847220,78.026649,85.455162

5.1365390,0.741775,9.590733,2.018944,9.828963,78.146637,85.577385

5.1390543,0.763310,9.583553,2.038087,9.827559,78.030861,85.446121

5.1415701,0.753739,9.600304,2.045265,9.844646,78.009232,85.510803

5.1440849,0.713061,9.621839,2.073979,9.868618,77.868332,85.761635

5.1466002,0.729811,9.602696,2.078765,9.852191,77.819321,85.653839

5.1491156,0.710668,9.602696,2.098206,9.854912,77.707077,85.767418

5.1516314,0.674776,9.607482,2.076372,9.852428,77.833855,85.982460

5.1541462,0.679562,9.595518,2.047658,9.835073,77.983139,85.949036

5.1566625,0.691526,9.612267,2.045265,9.851751,78.018013,85.885117

5.1591783,0.679562,9.573982,2.076372,9.820094,77.793182,85.939949

5.1616936,0.693919,9.590733,2.059622,9.833906,77.910408,85.861687

5.1642089,0.658026,9.614660,2.050051,9.852786,77.990837,86.084785

5.1667237,0.674776,9.590733,2.064408,9.833578,77.881485,85.975471

5.1692395,0.672383,9.571589,2.083550,9.818789,77.748672,85.981697

5.1717548,0.705883,9.585947,2.114956,9.841833,77.590660,85.788498

5.1742702,0.710668,9.581161,2.073979,9.828789,77.818413,85.757942

5.1767893,0.693919,9.583553,2.066801,9.828412,77.860748,85.858597

5.1793046,0.748953,9.605089,2.073979,9.854951,77.851250,85.541405

5.1818204,0.758525,9.569197,2.066801,9.819193,77.849174,85.467789

5.1843352,0.744168,9.624231,2.081157,9.874758,77.833382,85.578552

5.1868505,0.753739,9.571589,2.071586,9.822165,77.824356,85.497391

5.1893663,0.760918,9.597911,2.093421,9.852984,77.733116,85.467102

5.1918817,0.787239,9.595518,2.045265,9.842603,78.006706,85.309822

5.1943970,0.746561,9.602696,2.033301,9.843955,78.079559,85.554489

5.1969113,0.784846,9.593125,2.042872,9.839581,78.017212,85.322853

5.1994271,0.794417,9.578768,2.040479,9.825856,78.014488,85.259010

5.2019420,0.794417,9.559626,2.042872,9.807694,77.977676,85.249565

5.2044573,0.792024,9.588340,2.040479,9.834995,78.025795,85.277924

5.2069726,0.799203,9.600304,2.047658,9.848729,78.000046,85.241234

5.2094884,0.753739,9.559626,2.035694,9.802990,78.014709,85.491776

5.2120037,0.775275,9.564411,2.026123,9.807353,78.077278,85.365837

5.2145190,0.803988,9.569197,2.030908,9.815320,78.058548,85.197380

5.2170348,0.756132,9.576375,2.006980,9.813596,78.199173,85.485405

5.2195501,0.792024,9.609875,1.992623,9.846194,78.324127,85.288460

5.2220654,0.772882,9.571589,2.040479,9.817140,78.003693,85.383530

5.2245808,0.775275,9.576375,2.059622,9.825989,77.900520,85.371597

5.2270966,0.784846,9.566804,2.062015,9.817924,77.876152,85.310043

5.2296114,0.784846,9.538090,2.047658,9.786932,77.923141,85.295990

5.2321267,0.806381,9.521340,2.045265,9.771862,77.918579,85.159058

5.2346425,0.799203,9.521340,2.047658,9.771773,77.904121,85.201950

5.2371588,0.777667,9.569197,2.021337,9.811223,78.110611,85.353912

5.2396741,0.770489,9.559626,2.057229,9.808786,77.893272,85.392021

5.2421889,0.780060,9.583553,2.045265,9.830367,77.991554,85.346626

5.2447047,0.772882,9.607482,2.009373,9.845741,78.224030,85.400696

5.2472200,0.727418,9.614660,2.023730,9.852223,78.146591,85.673409

5.2497354,0.741775,9.581161,2.078765,9.832097,77.794044,85.572983

5.2522511,0.775275,9.609875,2.026123,9.851696,78.131729,85.387665

5.2547665,0.727418,9.633803,2.038087,9.873859,78.087807,85.681969

5.2572842,0.739382,9.638589,2.047658,9.881395,78.040306,85.613396

5.2597995,0.756132,9.593125,2.050051,9.838826,77.973541,85.493256

5.2623148,0.717847,9.597911,2.052444,9.841125,77.962151,85.722702

5.2648301,0.708275,9.619446,2.035694,9.857964,78.082535,85.788933

5.2673459,0.729811,9.588340,2.038087,9.829683,78.033485,85.647354

5.2698612,0.756132,9.612267,2.066801,9.860989,77.901459,85.502190

5.2723765,0.760918,9.609875,2.052444,9.856024,77.980621,85.472717

5.2748923,0.741775,9.607482,2.009373,9.843349,78.221130,85.585060

5.2774105,0.729811,9.578768,2.030908,9.818860,78.062920,85.643028

5.2799268,0.725025,9.588340,2.023730,9.826363,78.114937,85.675789

5.2824421,0.739382,9.559626,2.069193,9.808908,77.821945,85.577309

5.2849574,0.782453,9.547662,2.081157,9.803127,77.743103,85.314949

5.2874732,0.772882,9.597911,2.054837,9.845791,77.953705,85.396133

5.2899885,0.782453,9.571589,2.042872,9.818396,77.990974,85.326607

5.2925043,0.753739,9.547662,2.069193,9.798344,77.808609,85.486153

5.2950201,0.775275,9.528519,2.062015,9.779859,77.828239,85.348457

5.2975416,0.794417,9.550055,2.052444,9.800365,77.911331,85.244820

5.3000574,0.753739,9.569197,2.066801,9.818825,77.848717,85.496269

5.3025727,0.760918,9.550055,2.073979,9.802241,77.784912,85.444481

5.3050890,0.768096,9.487542,2.035694,9.733831,77.928276,85.371521

5.3076043,0.772882,9.506984,2.081157,9.762751,77.691620,85.352295

5.3101201,0.792024,9.502198,2.050051,9.753039,77.866158,85.235313

5.3126359,0.765703,9.547662,2.040479,9.793248,77.973991,85.414810

5.3151517,0.794417,9.540483,2.057229,9.792043,77.872261,85.240074

5.3176608,0.813560,9.557233,2.062015,9.810937,77.867386,85.134422

5.3201766,0.835095,9.530911,2.071586,9.789133,77.782639,84.992554

5.3226919,0.806381,9.502198,2.073979,9.759274,77.730301,85.149353

5.3252077,0.863809,9.550055,2.057229,9.807237,77.891335,84.831619

5.3277235,0.873679,9.535697,2.045265,9.791626,77.943329,84.765060

5.3302388,0.888036,9.569197,2.071586,9.831053,77.835533,84.698051

5.3327541,0.871287,9.530911,2.073979,9.792793,77.772949,84.776718

5.3352699,0.876072,9.542876,2.059622,9.801838,77.870255,84.754730

5.3377838,0.873679,9.581161,2.064408,9.839905,77.889397,84.789764

5.3402991,0.861416,9.571589,2.069193,9.830510,77.849113,84.857391

5.3428149,0.839881,9.576375,2.098206,9.839452,77.687462,84.987793

5.3453307,0.839881,9.602696,2.091028,9.863547,77.760681,85.001457

5.3478460,0.820738,9.590733,2.057229,9.843168,77.936203,85.108765

5.3503613,0.772882,9.583553,2.073979,9.835814,77.827248,85.389267

5.3528771,0.736989,9.626625,2.028515,9.865594,78.134491,85.622124

5.3553925,0.703490,9.621839,2.047658,9.862432,78.016968,85.818321

5.3579087,0.708275,9.645767,2.042872,9.885131,78.073242,85.800385

5.3604250,0.727418,9.607482,2.045265,9.849669,78.015434,85.670189

5.3629403,0.717847,9.614660,2.035694,9.853986,78.077652,85.730125

5.3654556,0.696311,9.640982,2.040479,9.879116,78.080055,85.869034

5.3679709,0.720240,9.674481,2.045265,9.914507,78.094963,85.742332

5.3704867,0.734597,9.633803,2.016551,9.869968,78.210785,85.639519

5.3730021,0.727418,9.619446,1.956731,9.843357,78.533966,85.675552

5.3755178,0.748953,9.609875,1.995016,9.843307,78.306435,85.543617

5.3780365,0.756132,9.605089,2.033301,9.847019,78.083321,85.498840

5.3805518,0.784846,9.559626,2.002194,9.798531,78.209358,85.306541

5.3830676,0.837488,9.562018,2.028515,9.810630,78.067039,84.994530

5.3855834,0.813560,9.569197,2.006980,9.811186,78.196236,85.140480

5.3880987,0.851845,9.569197,2.004587,9.813946,78.213875,84.912971

5.3906145,0.861416,9.573982,2.040479,9.826838,78.015709,84.858673

5.3931298,0.832702,9.523733,2.038087,9.774900,77.965416,85.003082

5.3956456,0.859023,9.552447,2.006980,9.798732,78.181015,84.861382

5.3981609,0.890429,9.564411,1.997409,9.811241,78.253395,84.681198

5.4006763,0.897608,9.540483,2.038087,9.796953,77.992912,84.625198

5.4031916,0.897608,9.564411,2.035694,9.819761,78.035484,84.638573

5.4057078,0.885643,9.597911,2.002194,9.844442,78.265129,84.727982

5.4082232,0.895215,9.538090,2.023730,9.791428,78.071915,84.638107

5.4107385,0.876072,9.530911,2.026123,9.783197,78.047409,84.748184

5.4132538,0.890429,9.578768,2.016551,9.829147,78.161118,84.689125

5.4157701,0.914357,9.578768,2.042872,9.836777,78.013748,84.547256

5.4182920,0.888036,9.573982,2.035694,9.828214,78.045929,84.700684

5.4208074,0.897608,9.538090,2.028515,9.792637,78.044792,84.623863

5.4233236,0.921536,9.571589,2.045265,9.830955,77.992287,84.500610

5.4258389,0.902393,9.595518,2.059622,9.855472,77.937263,84.627525

5.4283547,0.919143,9.569197,2.052444,9.829897,77.948196,84.513443

5.4308710,0.926321,9.571589,2.021337,9.826454,78.129311,84.472229

5.4333863,0.947857,9.538090,2.047658,9.801352,77.941170,84.324806

5.4359021,0.931107,9.581161,2.057229,9.843667,77.936821,84.449364

5.4384108,0.919143,9.562018,2.064408,9.825417,77.871262,84.509346

5.4409261,0.923929,9.550055,2.069193,9.815230,77.829910,84.474068

5.4434414,0.900000,9.545269,2.066801,9.807845,77.834900,84.613640

5.4459577,0.861416,9.542876,2.062015,9.801043,77.854950,84.842003

5.4484730,0.878465,9.554840,2.052444,9.812196,77.926125,84.747032

5.4509883,0.832702,9.550055,2.069193,9.807064,77.819618,85.016785

5.4535036,0.803988,9.530911,2.042872,9.780491,77.943733,85.178177

5.4560199,0.787239,9.535697,2.014158,9.777837,78.112411,85.280533

5.4585338,0.775275,9.538090,2.054837,9.787674,77.881088,85.353104

5.4610496,0.727418,9.557233,2.030908,9.797674,78.036720,85.647507

5.4635653,0.698704,9.566804,2.023730,9.803438,78.086739,85.822861

5.4660807,0.710668,9.590733,2.026123,9.828142,78.102867,85.762154

5.4685960,0.701097,9.564411,2.009373,9.798320,78.166214,85.807564

5.4711113,0.720240,9.550055,2.028515,9.789646,78.041084,85.687073

5.4736276,0.715454,9.557233,2.006980,9.791861,78.172600,85.718826

5.4761429,0.686740,9.602696,1.997409,9.832244,78.278847,85.909439

5.4786592,0.689133,9.605089,1.987837,9.832809,78.336487,85.896255

5.4811745,0.725025,9.602696,1.985445,9.832570,78.350433,85.682228

5.4836898,0.751346,9.619446,2.023730,9.858688,78.154480,85.533867

5.4862056,0.734597,9.617053,1.980659,9.846337,78.395378,85.631958

5.4887214,0.741775,9.581161,1.961516,9.807978,78.463516,85.572983

5.4912367,0.782453,9.597911,1.966302,9.828452,78.459404,85.339371

5.4937520,0.787239,9.588340,1.937588,9.813779,78.612968,85.306328

5.4962678,0.772882,9.588340,1.951945,9.815482,78.529472,85.391556

5.4987836,0.784846,9.602696,1.971088,9.834274,78.437866,85.327499

5.5012989,0.799203,9.602696,1.935195,9.828300,78.644241,85.242416

5.5038147,0.770489,9.605089,1.928017,9.826934,78.685333,85.413742

5.5063305,0.775275,9.564411,1.939981,9.789920,78.570557,85.365837

5.5088458,0.760918,9.597911,1.973480,9.828200,78.416389,85.467102

5.5113616,0.741775,9.629018,1.975873,9.857601,78.437218,85.594894

5.5138769,0.777667,9.638589,1.959123,9.866374,78.546906,85.387215

5.5163922,0.753739,9.578768,1.961516,9.806552,78.461815,85.500748

5.5189080,0.708275,9.638589,1.954338,9.860197,78.568001,85.797272

5.5214238,0.741775,9.633803,1.968695,9.860840,78.483635,85.597076

5.5239391,0.744168,9.640982,1.959123,9.866128,78.546616,85.586205

5.5264544,0.746561,9.648160,1.937588,9.869072,78.677612,85.575356

5.5289707,0.777667,9.617053,1.944767,9.842489,78.603996,85.376930

5.5314860,0.792024,9.633803,1.951945,9.861418,78.583618,85.300110

5.5340014,0.818345,9.629018,1.971088,9.862700,78.471649,85.142250

5.5365171,0.784846,9.636196,1.951945,9.863181,78.585686,85.343666

5.5390143,0.832702,9.657731,1.928017,9.883441,78.750870,85.072067

5.5415297,0.866202,9.638589,1.949552,9.871852,78.610016,84.864731

5.5440445,0.900000,9.638589,1.942374,9.873460,78.654388,84.665489

5.5465593,0.883251,9.643374,1.978266,9.883740,78.454056,84.766800

5.5490746,0.876072,9.566804,1.975873,9.807920,78.377831,84.767776

5.5515900,0.890429,9.581161,1.992623,9.826599,78.300514,84.690445

5.5541048,0.868595,9.578768,2.038087,9.831635,78.035896,84.818634

5.5566201,0.902393,9.554840,1.995016,9.802519,78.257080,84.604782

5.5591536,0.919143,9.585947,1.997409,9.834879,78.282028,84.522972

5.5616689,0.923929,9.581161,2.026123,9.836536,78.113167,84.491898

5.5641851,0.900000,9.523733,1.997409,9.772468,78.206123,84.601532

5.5667005,0.897608,9.576375,1.999802,9.824045,78.254669,84.645226

5.5692158,0.868595,9.585947,2.002194,9.831257,78.249168,84.822495

5.5717311,0.849452,9.573982,1.985445,9.814514,78.328697,84.929703

5.5742469,0.876072,9.588340,1.971088,9.827968,78.430351,84.779465

5.5767627,0.907179,9.538090,1.980659,9.783718,78.320061,84.566872

5.5792766,0.902393,9.590733,1.956731,9.829815,78.517960,84.624855

5.5817919,0.863809,9.569197,1.954338,9.804852,78.502594,84.841904

5.5843077,0.900000,9.581161,1.961516,9.821211,78.479271,84.633705

5.5868230,0.883251,9.528519,1.951945,9.766417,78.471054,84.704071

5.5893383,0.916750,9.545269,1.923231,9.780154,78.659088,84.514008

5.5918541,0.923929,9.542876,1.913660,9.776616,78.712135,84.469933

5.5943694,0.916750,9.535697,1.908874,9.767996,78.730667,84.508530

5.5968852,0.897608,9.552447,1.911267,9.783041,78.733932,84.631897

5.5994010,0.883251,9.538090,1.894517,9.764450,78.812408,84.709358

5.6019168,0.871287,9.509377,1.949552,9.746185,78.461151,84.764954

5.6044321,0.859023,9.538090,1.949552,9.773118,78.493385,84.853691

5.6069479,0.916750,9.559626,1.913660,9.792292,78.730438,84.522194

5.6094632,0.888036,9.547662,1.939981,9.783148,78.562538,84.686157

5.6119785,0.890429,9.566804,1.966302,9.807290,78.434158,84.682526

5.6144938,0.839881,9.571589,2.030908,9.820658,78.065132,84.985298

5.6170101,0.890429,9.569197,1.920838,9.800612,78.697342,84.683846

5.6195264,0.854238,9.550055,1.980659,9.790622,78.328415,84.888580

5.6220422,0.863809,9.545269,2.011766,9.793137,78.145554,84.829048

5.6245575,0.825524,9.514162,1.975873,9.752172,78.310455,85.040985

5.6270733,0.832702,9.502198,1.968695,9.739656,78.338348,84.991814

5.6295886,0.873679,9.533304,2.004587,9.780878,78.173447,84.763756

5.6321044,0.856631,9.518948,1.944767,9.753271,78.498337,84.857681

5.6346197,0.907179,9.506984,1.935195,9.744265,78.544991,84.549202

5.6371350,0.986142,9.562018,1.851447,9.789409,79.098129,84.111839

5.6396470,0.986142,9.631411,1.877768,9.862178,79.023819,84.153961

5.6421623,0.907179,9.664909,1.880160,9.887794,79.038483,84.637749

5.6446781,1.024427,9.681660,1.793720,9.899567,79.560822,83.959946

5.6471934,0.986142,9.667302,1.923231,9.905959,78.804993,84.175522

5.6497087,0.861416,9.633803,2.054837,9.888102,78.006012,84.890427

5.6522245,0.897608,9.554840,1.959123,9.794837,78.462112,84.633232

5.6547399,0.892822,9.475577,1.966302,9.718541,78.327057,84.617287

5.6572552,0.825524,9.511769,1.973480,9.749352,78.321388,85.039742

5.6597743,0.839881,9.554840,1.894517,9.776992,78.826942,84.976547

5.6622896,0.856631,9.614660,1.937588,9.845291,78.649902,84.908600

5.6648054,0.835095,9.648160,2.093421,9.907915,77.802170,85.053101

5.6673207,0.907179,9.535697,2.050051,9.795672,77.919762,84.565521

5.6698365,0.847059,9.511769,2.004587,9.757543,78.144760,84.911018

5.6723523,0.784846,9.593125,1.944767,9.819682,78.577179,85.322853

5.6748676,0.777667,9.660124,2.059622,9.907815,78.001945,85.397453

5.6773829,0.911965,9.597911,2.062015,9.859182,77.927650,84.572220

5.6798949,0.921536,9.547662,2.165205,9.833371,77.279831,84.486916

5.6824102,0.856631,9.588340,2.162812,9.866501,77.337502,84.894699

5.6849256,0.907179,9.612267,2.088635,9.878312,77.793457,84.608551

5.6874413,0.801596,9.669696,2.165205,9.941514,77.420486,85.261147

5.6899567,0.758525,9.743873,2.141277,10.005173,77.642136,85.548714

5.6924720,1.024427,9.609875,2.119742,9.894061,77.628830,83.915161

5.6949878,1.062712,9.499506,2.124527,9.792017,77.469147,83.616844

5.6975031,0.868595,9.547662,2.107778,9.816060,77.600464,84.801849

5.7000256,0.823131,9.593125,2.073979,9.849213,77.844063,85.095787

5.7025418,0.794417,9.676874,2.054837,9.924481,78.050629,85.306862

5.7050571,0.916750,9.573982,2.042872,9.832339,78.008255,84.530357

5.7075729,0.976571,9.554840,1.944767,9.799529,78.553368,84.164238

5.7100887,0.911965,9.569197,1.963909,9.811124,78.453003,84.556030

5.7126040,0.851845,9.554840,1.916053,9.782222,78.704399,84.905365

5.7151198,0.830309,9.557233,1.899303,9.779441,78.801193,85.034744

5.7176356,0.952643,9.562018,1.853839,9.786544,79.080627,84.310524

5.7201490,0.947857,9.566804,1.966302,9.812671,78.440590,84.341736

5.7226648,0.990928,9.439685,1.990230,9.697969,78.157547,84.007339

5.7251801,0.945464,9.494720,2.030908,9.755420,77.984131,84.313354

5.7276959,0.885643,9.456435,2.057229,9.718061,77.778511,84.649567

5.7302117,0.823131,9.425328,1.971088,9.664344,78.231689,85.008919

5.7327271,0.765703,9.432507,1.949552,9.662258,78.359528,85.359070

5.7352424,0.770489,9.458828,1.959123,9.690266,78.335861,85.343132

5.7377582,0.741775,9.557233,1.980659,9.788460,78.325798,85.561943

5.7402720,0.648455,9.672089,2.002194,9.898413,78.330017,86.164406

5.7427874,0.660419,9.751051,1.987837,9.973497,78.503273,86.125389

5.7453027,0.643669,9.875777,1.990230,10.094865,78.629494,86.270935

5.7478185,0.610170,10.012168,2.042872,10.236656,78.488510,86.512550

5.7503338,0.669990,10.069895,2.033301,10.294950,78.608917,86.193497

5.7528496,0.736989,10.019346,2.030908,10.249636,78.571526,85.793091

5.7553654,0.835095,9.897313,1.932802,10.118791,78.988197,85.177040

5.7578807,0.990928,9.643374,1.798505,9.859575,79.489716,84.133026

5.7604012,0.988535,9.578768,1.820340,9.800185,79.295403,84.107895

5.7629166,0.950250,9.557233,1.896910,9.789889,78.827576,84.321899

5.7654324,0.907179,9.545269,1.937588,9.782095,78.575592,84.570938

5.7679482,0.909572,9.576375,1.990230,9.823202,78.310661,84.574280

5.7704635,0.928714,9.566804,2.042872,9.826473,78.000992,84.455284

5.7729797,0.976571,9.482756,1.992623,9.738937,78.193695,84.120186

5.7754951,0.995713,9.403793,1.951945,9.655717,78.337036,83.955803

5.7780104,0.986142,9.382257,1.963909,9.636190,78.240417,83.999840

5.7805185,1.055534,9.284152,1.908874,9.536951,78.453941,83.513779

5.7830343,1.103390,9.188140,1.904089,9.448012,78.373367,83.152229

5.7855501,1.010070,9.341579,1.978266,9.602025,78.110435,83.828796

5.7880654,0.926321,9.434899,2.062015,9.701922,77.728951,84.392654

5.7905812,0.916750,9.523733,2.081157,9.791483,77.728302,84.501678

5.7930965,0.883251,9.576375,2.026123,9.828135,78.102859,84.730392

5.7956119,0.851845,9.607482,1.959123,9.842130,78.518303,84.933136

5.7981277,0.811167,9.614660,2.040479,9.862212,78.059326,85.177505

5.8006444,0.842274,9.636196,2.004587,9.878466,78.291946,85.004631

5.8031597,0.820738,9.676874,1.884946,9.892853,79.015923,85.152092

5.8056755,0.801596,9.710373,1.856232,9.918644,79.213737,85.280907

5.8081908,0.859023,9.640982,1.884946,9.861008,78.980011,84.908318

5.8107061,0.868595,9.619446,1.944767,9.852427,78.615646,84.840431

5.8132224,0.825524,9.648160,1.937588,9.875360,78.684914,85.109520

5.8157377,0.849452,9.521340,1.896910,9.745550,78.776085,84.901817

5.8182530,0.909572,9.492328,1.904089,9.724051,78.707825,84.526527

5.8207664,0.938286,9.456435,1.911267,9.693167,78.628090,84.333549

5.8232822,0.919143,9.499506,1.942374,9.739521,78.496246,84.473442

5.8257976,0.907179,9.480363,1.973480,9.725990,78.292938,84.533989

5.8283129,0.916750,9.533304,1.973480,9.778494,78.356682,84.507164

5.8308282,0.835095,9.547662,1.987837,9.788091,78.282440,85.001289

5.8333440,0.873679,9.535697,1.959123,9.773996,78.437172,84.765060

5.8358593,0.880858,9.552447,1.949552,9.789071,78.512390,84.731499

5.8383751,0.847059,9.554840,1.992623,9.797092,78.264778,84.933838

5.8408794,0.880858,9.585947,1.961516,9.824145,78.482758,84.749802

5.8433948,0.888036,9.605089,1.985445,9.848266,78.369255,84.717751

5.8459101,0.888036,9.585947,2.004587,9.833482,78.237625,84.707260

5.8484254,0.895215,9.595518,1.980659,9.838617,78.386147,84.670013

5.8509402,0.900000,9.621839,1.923231,9.853354,78.744446,84.656258

5.8534555,0.964607,9.614660,1.961516,9.860005,78.525215,84.270874

5.8559709,0.976571,9.640982,1.975873,9.889707,78.475266,84.216026

5.8584862,1.005285,9.629018,1.944767,9.874751,78.641731,84.039825

5.8610034,1.060320,9.583553,1.949552,9.837151,78.569298,83.686501

5.8635192,1.055534,9.511769,1.913660,9.759610,78.692207,83.667717

5.8660340,1.050748,9.509377,1.942374,9.762435,78.523613,83.694626

5.8685493,1.089033,9.562018,1.959123,9.821219,78.493530,83.502487

5.8710642,1.089033,9.518948,1.951945,9.777855,78.484726,83.473343

5.8735800,1.081855,9.480363,1.932802,9.735678,78.549118,83.489830

5.8760953,1.067498,9.494720,1.901696,9.741957,78.743195,83.585136

5.8786101,1.081855,9.535697,1.923231,9.787683,78.667931,83.527290

5.8811235,1.112962,9.526126,1.908874,9.779037,78.743553,83.336197

5.8836393,1.053141,9.492328,1.923231,9.742290,78.614426,83.669121

5.8861542,1.043570,9.516555,1.935195,9.767233,78.572289,83.742043

5.8886695,1.050748,9.538090,1.913660,9.784750,78.721642,83.713455

5.8911848,1.031606,9.550055,1.916053,9.794847,78.719147,83.834763

5.8937001,1.012463,9.566804,1.913660,9.808716,78.749557,83.958824

5.8962154,0.974178,9.564411,1.906481,9.801105,78.783493,84.184227

5.8987303,0.950250,9.612267,1.935195,9.851073,78.670845,84.354195

5.9012456,0.897608,9.595518,1.932802,9.829313,78.659653,84.655846

5.9037614,0.883251,9.619446,1.935195,9.851845,78.671745,84.753853

5.9062767,0.890429,9.648160,1.920838,9.877727,78.786728,84.727104

5.9087915,0.854238,9.631411,1.904089,9.854915,78.859703,84.931534

5.9113073,0.873679,9.636196,1.913660,9.863148,78.812447,84.819359

5.9138222,0.825524,9.636196,1.978266,9.871742,78.439835,85.103477

5.9163375,0.832702,9.648160,1.932802,9.875025,78.712845,85.067207

5.9188523,0.856631,9.650553,1.894517,9.871990,78.935829,84.927437

5.9213734,0.823131,9.645767,1.932802,9.871884,78.709206,85.122429

5.9238892,0.837488,9.607482,1.918446,9.832880,78.749130,85.018097

5.9264045,0.861416,9.624231,1.913660,9.850379,78.797760,84.885376

5.9289198,0.868595,9.638589,1.937588,9.869706,78.678352,84.850624

5.9314356,0.876072,9.619446,1.966302,9.857362,78.493713,84.796257

5.9339509,0.878465,9.640982,1.935195,9.872447,78.695694,84.793709

5.9364657,0.943071,9.629018,1.980659,9.875747,78.430412,84.406258

5.9389811,0.981356,9.626625,1.983052,9.877625,78.418480,84.179268

5.9414911,1.029213,9.607482,1.930410,9.853399,78.701935,83.885445

5.9440060,1.057927,9.564411,1.944767,9.817295,78.574364,83.688126

5.9465213,1.084248,9.554840,1.939981,9.809897,78.594147,83.525978

5.9490366,1.074677,9.528519,1.942374,9.783681,78.548874,83.565071

5.9515519,1.134497,9.489935,1.947159,9.753839,78.484673,83.182793

5.9540672,1.175474,9.516555,1.963909,9.787926,78.425255,82.958557

5.9565821,1.189831,9.499506,1.963909,9.773088,78.407440,82.860771

5.9590979,1.197010,9.480363,1.913660,9.745368,78.675461,82.803802

5.9616127,1.197010,9.461221,1.937588,9.731483,78.515366,82.789391

5.9641280,1.189831,9.456435,1.954338,9.729300,78.412079,82.828598

5.9666433,1.180260,9.444471,1.918446,9.709351,78.604088,82.876770

5.9691586,1.204188,9.449257,1.954338,9.724092,78.405785,82.737526

5.9716740,1.187438,9.473185,1.932802,9.740993,78.555450,82.855392

5.9741888,1.161117,9.492328,1.939981,9.757869,78.532509,83.026131

5.9767041,1.146760,9.489935,1.971088,9.760077,78.348747,83.109810

5.9792194,1.144367,9.554840,1.956731,9.820048,78.506386,83.170311

5.9817357,1.141975,9.566804,1.920838,9.824330,78.724983,83.192902

5.9842510,1.134497,9.538090,1.935195,9.798327,78.609047,83.216888

5.9867663,1.089033,9.557233,1.942374,9.813231,78.583817,83.499268

5.9892817,1.043570,9.595518,1.923231,9.841841,78.731102,83.793137

5.9917970,1.012463,9.595518,1.911267,9.836259,78.795677,83.976768

5.9943118,1.014856,9.605089,1.925624,9.848639,78.724792,83.968613

5.9968276,0.998106,9.619446,1.956731,9.867054,78.561882,84.076233

5.9993424,0.983749,9.585947,1.937588,9.829161,78.631027,84.140587

6.0018573,0.955035,9.602696,1.947159,9.844557,78.592216,84.320328

6.0043721,0.943071,9.619446,1.968695,9.864019,78.487396,84.400726

6.0068879,0.950250,9.676874,1.978266,9.922621,78.499916,84.391647

6.0094032,0.935893,9.650553,1.944767,9.888943,78.658241,84.460884

6.0119181,0.931107,9.664909,1.906481,9.895055,78.891350,84.497169

6.0144634,0.919143,9.643374,1.942374,9.879894,78.661873,84.555389

6.0170083,0.873679,9.633803,1.951945,9.868311,78.591705,84.818085

6.0195236,0.842274,9.679267,1.961516,9.911871,78.586067,85.026749

6.0220323,0.830309,9.631411,1.992623,9.870361,78.353111,85.072800

6.0245414,0.808774,9.629018,1.963909,9.860478,78.511589,85.198799

6.0270567,0.835095,9.662517,1.975873,9.897761,78.484779,85.060417

6.0295720,0.847059,9.612267,1.939981,9.842597,78.632545,84.963951

6.0320873,0.866202,9.600304,1.980659,9.840689,78.388626,84.844360

6.0346026,0.923929,9.617053,2.033301,9.872976,78.115112,84.512329

6.0371408,0.909572,9.602696,2.009373,9.852750,78.232529,84.589066

6.0396557,0.933500,9.612267,2.059622,9.874672,77.961067,84.453087

6.0421710,0.959821,9.669696,2.081157,9.937580,77.911461,84.331345

6.0446863,0.928714,9.672089,2.026123,9.925572,78.221336,84.515274

6.0472016,0.926321,9.669696,2.073979,9.932899,77.948021,84.527969

6.0497165,0.904786,9.681660,2.009373,9.929287,78.324516,84.661011

6.0522318,0.871287,9.684052,2.026123,9.932028,78.229103,84.858871

6.0547471,0.873679,9.657731,2.054837,9.912489,78.035957,84.830849

6.0572624,0.825524,9.645767,2.054837,9.896700,78.016586,85.108315

6.0597777,0.815953,9.645767,1.999802,9.884624,78.327667,85.164757

6.0622478,0.813560,9.643374,2.040479,9.890405,78.093864,85.177681

6.0647383,0.787239,9.619446,2.021337,9.860998,78.171494,85.321442

6.0672517,0.777667,9.629018,1.997409,9.864704,78.317963,85.382652

6.0697656,0.794417,9.633803,1.987837,9.868777,78.379585,85.285973

6.0722790,0.780060,9.612267,1.995016,9.848059,78.312149,85.360466

6.0747924,0.765703,9.581161,1.992623,9.816083,78.287804,85.430771

6.0773063,0.768096,9.590733,1.983052,9.823677,78.353989,85.421104

6.0798197,0.751346,9.578768,1.990230,9.812152,78.297318,85.514977

6.0823441,0.746561,9.583553,2.011766,9.820848,78.179489,85.545647

6.0848584,0.787239,9.607482,1.973480,9.839618,78.430016,85.315643

6.0873723,0.760918,9.571589,2.045265,9.817201,77.975212,85.454689

6.0898862,0.741775,9.564411,2.054837,9.810736,77.910011,85.565262

6.0924001,0.751346,9.552447,2.064408,9.801814,77.841614,85.502670

6.0949140,0.760918,9.583553,2.088635,9.837982,77.742638,85.460335

6.0974278,0.758525,9.585947,2.091028,9.840637,77.731743,85.475677

6.0999413,0.760918,9.576375,2.064408,9.825871,77.871834,85.456947

6.1024666,0.784846,9.626625,2.110170,9.886391,77.675865,85.339058

6.1049805,0.739382,9.638589,2.131706,9.899154,77.564392,85.613396

6.1074948,0.732204,9.640982,2.141277,9.903015,77.512611,85.656891

6.1100087,0.722632,9.643374,2.141277,9.904642,77.514694,85.714516

6.1125226,0.689133,9.669696,2.203490,9.941494,77.194283,85.923576

6.1150370,0.653241,9.662517,2.220240,9.935815,77.087761,86.132370

6.1175508,0.624527,9.674481,2.227419,9.947211,77.060387,86.306450

6.1200652,0.643669,9.691231,2.222633,9.963652,77.110344,86.200127

6.1225352,0.581157,9.691231,2.229812,9.961413,77.065033,86.568237

6.1250248,0.554836,9.717552,2.234597,9.986596,77.070045,86.732178

6.1275368,0.554836,9.688838,2.225026,9.956513,77.086815,86.722511

6.1300492,0.528515,9.679267,2.225026,9.945766,77.072624,86.874596

6.1325617,0.497408,9.684052,2.251347,9.954740,76.929001,87.059662

6.1350746,0.504586,9.688838,2.184348,9.944826,77.311722,87.018776

6.1375871,0.523729,9.664909,2.167598,9.918833,77.377083,86.898247

6.1400995,0.502194,9.605089,2.196312,9.865786,77.137085,87.007065

6.1426444,0.485444,9.650553,2.119742,9.892529,77.626884,87.120323

6.1451893,0.485444,9.681660,2.102992,9.919312,77.759842,87.129562

6.1477342,0.466301,9.660124,2.129313,9.903000,77.583481,87.236435

6.1502542,0.411266,9.688838,2.153241,9.933739,77.481171,87.569397

6.1527696,0.382553,9.667302,2.196312,9.921031,77.209930,87.733887

6.1552844,0.361017,9.693624,2.220240,9.951188,77.108055,87.867134

6.1577992,0.351446,9.748658,2.251347,10.011415,77.004295,87.935341

6.1603141,0.308076,9.753445,2.306382,10.027163,76.702141,88.190834

6.1628327,0.262612,9.751051,2.339881,10.031301,76.511040,88.457298

6.1653476,0.236291,9.746265,2.303989,10.017679,76.703384,88.611176

6.1678624,0.200399,9.748658,2.347060,10.029217,76.466003,88.822365

6.1703782,0.198006,9.825528,2.376073,10.110683,76.408012,88.845520

6.1728930,0.162114,9.789636,2.371287,10.074039,76.385628,89.051285

6.1754079,0.171685,9.751051,2.359323,10.033886,76.400391,88.991310

6.1779227,0.162114,9.775279,2.359323,10.057275,76.432617,89.049889

6.1804380,0.128614,9.760623,2.380858,10.047626,76.292969,89.245064

6.1829586,0.123829,9.782457,2.383251,10.069345,76.309097,89.274773

6.1854734,0.107079,9.803992,2.356930,10.083891,76.483093,89.374245

6.1879888,0.044566,9.772886,2.385644,10.059950,76.282036,89.738724

6.1905036,0.092722,9.760623,2.395216,10.050643,76.212906,89.455727

6.1930189,0.071186,9.760623,2.376073,10.045922,76.318695,89.582138

6.1955342,0.095115,9.743873,2.378466,10.030414,76.283058,89.440727

6.1980491,0.102293,9.717552,2.354537,9.999257,76.380600,89.396889

6.2005644,0.097508,9.674481,2.339881,9.953900,76.404144,89.422546

6.2030840,0.063709,9.674481,2.344667,9.954753,76.376991,89.622696

6.2055998,0.066102,9.636196,2.303989,9.908028,76.553482,89.606972

6.2081151,0.034995,9.600304,2.275275,9.866303,76.666969,89.791145

6.2106299,0.025424,9.571589,2.277668,9.838890,76.614807,89.847816

6.2131453,0.013460,9.538090,2.294418,9.810184,76.474312,89.919144

6.2156606,-0.055932,9.492328,2.268097,9.759697,76.561935,90.337601

6.2181759,-0.051147,9.492328,2.268097,9.759670,76.561897,90.308716

6.2206912,-0.063111,9.514162,2.268097,9.780978,76.591721,90.380058

6.2232084,-0.024826,9.485149,2.303989,9.760996,76.347046,90.149963

6.2257237,-0.034397,9.540483,2.294418,9.812560,76.477654,90.206573

6.2282391,-0.017647,9.566804,2.282454,9.835326,76.581207,90.105690

6.2307549,-0.051147,9.559626,2.275275,9.826797,76.612373,90.306541

6.2332697,-0.036790,9.564411,2.289632,9.834721,76.537369,90.220390

6.2357850,-0.024826,9.562018,2.301596,9.835150,76.466293,90.148758

6.2383003,-0.041575,9.593125,2.277668,9.859897,76.643860,90.248314

6.2408161,-0.036790,9.593125,2.294418,9.863760,76.549164,90.219727

6.2433319,0.003888,9.595518,2.284847,9.863798,76.606377,89.976784

6.2458472,-0.017647,9.607482,2.292025,9.877115,76.581963,90.105240

6.2483630,-0.027218,9.652946,2.229812,9.907177,76.992989,90.161552

6.2508783,-0.039182,9.633803,2.301596,9.905001,76.563530,90.233032

6.2533937,-0.051147,9.597911,2.315953,9.873507,76.434174,90.305321

6.2559085,-0.020040,9.578768,2.280061,9.846415,76.610916,90.119865

6.2584243,-0.003290,9.576375,2.315953,9.852442,76.404610,90.019684

6.2609396,-0.012861,9.576375,2.311167,9.851326,76.431679,90.076950

6.2634511,0.015852,9.585947,2.306382,9.859514,76.471764,89.905251

6.2659664,0.075972,9.581161,2.306382,9.855142,76.465652,89.545692

6.2684813,0.061316,9.581161,2.301596,9.853920,76.492561,89.633331

6.2709970,0.147757,9.562018,2.320739,9.840725,76.359444,89.114708

6.2735124,0.181256,9.514162,2.296811,9.789150,76.430290,88.908577

6.2760272,0.195613,9.485149,2.303989,9.762924,76.349792,88.818550

6.2785425,0.269791,9.485149,2.294418,9.762438,76.406898,88.370750

6.2810578,0.274576,9.502198,2.289632,9.778015,76.457817,88.344833

6.2835741,0.317647,9.504591,2.294418,9.782765,76.435684,88.085861

6.2860894,0.365803,9.492328,2.280061,9.769175,76.503059,87.793106

6.2886052,0.375374,9.477970,2.275275,9.754471,76.511238,87.731995

6.2911201,0.358624,9.461221,2.287239,9.740368,76.418953,87.829262

6.2936354,0.384945,9.494720,2.306382,9.778410,76.357399,87.678322

6.2961507,0.418445,9.489935,2.344667,9.784244,76.134880,87.475258

6.2986660,0.413659,9.489935,2.306382,9.774936,76.352455,87.504097

6.3011813,0.399302,9.468399,2.330310,9.759117,76.185287,87.585144

6.3037009,0.392124,9.446864,2.323132,9.736218,76.195648,87.623108

6.3062162,0.365803,9.473185,2.330310,9.762447,76.190086,87.788651

6.3087316,0.288933,9.523733,2.371287,9.818756,76.024567,88.262283

6.3112473,0.253041,9.518948,2.431108,9.827751,75.677963,88.477272

6.3137627,0.229113,9.533304,2.440679,9.843439,75.643776,88.623283

6.3162775,0.209970,9.554840,2.476571,9.872814,75.472328,88.741112

6.3187928,0.188435,9.554840,2.517249,9.882663,75.243378,88.870193

6.3213086,0.109472,9.602696,2.531606,9.931405,75.231796,89.346848

6.3238292,0.083151,9.629018,2.579463,9.968878,75.004005,89.505241

6.3263445,0.032602,9.609875,2.605784,9.956950,74.828743,89.805618

6.3288598,0.011067,9.650553,2.577070,9.988723,75.048698,89.934296

6.3313756,0.006281,9.657731,2.593820,9.999986,74.966583,89.962738

6.3338909,0.006281,9.710373,2.577070,10.046525,75.136711,89.962936

6.3364067,-0.022433,9.705587,2.603391,10.048710,74.984688,90.132431

6.3389225,-0.072682,9.691231,2.574677,10.027671,75.122261,90.429695

6.3414378,-0.051147,9.686445,2.581856,10.024760,75.075386,90.302528

6.3439474,-0.046361,9.686445,2.569891,10.021663,75.141449,90.274223

6.3464627,-0.058325,9.631411,2.598605,9.975982,74.901085,90.346962

6.3489780,-0.070289,9.672089,2.615355,10.019697,74.869324,90.416374

6.3514934,-0.027218,9.657731,2.569891,9.993840,75.099129,90.161476

6.3540087,-0.005683,9.643374,2.577070,9.981783,75.038063,90.033768

6.3565245,-0.020040,9.597911,2.598605,9.943493,74.850571,90.119629

6.3590393,-0.012861,9.554840,2.550749,9.889462,75.052971,90.077126

6.3615546,0.003888,9.547662,2.553142,9.883137,75.028824,89.976669

6.3640566,-0.027218,9.523733,2.562713,9.862542,74.939247,90.163750

6.3665714,0.003888,9.526126,2.536392,9.858010,75.090530,89.976616

6.3690863,0.025424,9.511769,2.512464,9.838033,75.203735,89.846855

6.3716016,0.032602,9.497113,2.490928,9.818398,75.303429,89.803314

6.3741169,0.046959,9.468399,2.519642,9.798030,75.098503,89.715843

6.3766317,0.058923,9.444471,2.519642,9.774973,75.062538,89.642540

6.3791466,0.046959,9.475577,2.469393,9.792174,75.393433,89.716057

6.3816614,0.087936,9.466006,2.495714,9.789872,75.230675,89.467758

6.3841982,0.090329,9.410972,2.500500,9.737918,75.120934,89.450073

6.3867135,0.142971,9.413364,2.478964,9.735354,75.248024,89.129852

6.3892288,0.166899,9.425328,2.455036,9.741245,75.402634,88.985542

6.3917441,0.212363,9.372686,2.481357,9.697911,75.175148,88.702034

6.3942599,0.250648,9.360723,2.507678,9.694039,75.008102,88.466179

6.3967752,0.300897,9.372686,2.483750,9.700866,75.165146,88.161224

6.3992910,0.365803,9.379865,2.478964,9.708807,75.206772,87.766670

6.4018068,0.392124,9.363115,2.510071,9.701657,75.005516,87.601875

6.4043179,0.408874,9.387043,2.536392,9.732267,74.893341,87.505928

6.4068336,0.444766,9.399008,2.577070,9.756047,74.683487,87.290756

6.4093490,0.423230,9.449257,2.591427,9.807297,74.678528,87.435448

6.4118643,0.425623,9.480363,2.562713,9.829849,74.887970,87.429420

6.4143801,0.437587,9.540483,2.555535,9.886508,75.019691,87.373894

6.4168954,0.418445,9.504591,2.512464,9.839960,75.206703,87.479149

6.4194107,0.389731,9.545269,2.555535,9.889126,75.023750,87.661926

6.4219260,0.392124,9.547662,2.529213,9.884763,75.174858,87.648178

6.4244442,0.377767,9.538090,2.500500,9.867642,75.320969,87.731918

6.4269595,0.365803,9.530911,2.488536,9.857225,75.376984,87.802025

6.4294753,0.310469,9.581161,2.512464,9.909970,75.313568,88.144035

6.4319906,0.315254,9.559626,2.514857,9.889911,75.268776,88.111198

6.4345059,0.315254,9.581161,2.481357,9.902281,75.487907,88.115440

6.4370222,0.300897,9.600304,2.486143,9.921556,75.488167,88.204796

6.4395375,0.324826,9.600304,2.467000,9.917532,75.596359,88.062141

6.4420528,0.312862,9.614660,2.476571,9.933428,75.562904,88.136253

6.4445629,0.303290,9.640982,2.455036,9.953277,75.720276,88.198158

6.4470782,0.284148,9.626625,2.481357,9.945340,75.552101,88.309303

6.4495935,0.269791,9.624231,2.481357,9.942623,75.548073,88.394279

6.4521093,0.279362,9.652946,2.507678,9.977267,75.443230,88.342285

6.4546242,0.236291,9.621839,2.572284,9.962543,75.036980,88.593224

6.4571395,0.233898,9.600304,2.605784,9.950410,74.818527,88.604340

6.4596548,0.253041,9.600304,2.586641,9.945883,74.925690,88.490173

6.4621706,0.276969,9.593125,2.567499,9.934628,75.022522,88.346237

6.4646869,0.250648,9.609875,2.589034,9.955683,74.926620,88.505928

6.4672017,0.233898,9.590733,2.600998,9.939922,74.830711,88.602951

6.4697175,0.190828,9.585947,2.632404,9.942653,74.647385,88.859566

6.4722328,0.260219,9.576375,2.615355,9.930496,74.730118,88.443481

6.4747481,0.327219,9.540483,2.589034,9.890954,74.825615,88.035645

6.4772635,0.384945,9.533304,2.584249,9.884858,74.844772,87.687706

6.4797792,0.404088,9.535697,2.593820,9.890435,74.796066,87.573463

6.4822946,0.499801,9.454042,2.562713,9.807967,74.853447,86.973801

6.4848113,0.550050,9.439685,2.608177,9.808811,74.579475,86.665146

6.4873266,0.605384,9.466006,2.600998,9.835495,74.665718,86.340721

6.4898419,0.585942,9.446864,2.620141,9.820983,74.526657,86.450775

6.4923573,0.631705,9.477970,2.620141,9.853735,74.579361,86.186882

6.4948730,0.650848,9.444471,2.630011,9.825406,74.474068,86.057800

6.4973884,0.619741,9.403793,2.632404,9.784935,74.393669,86.229469

6.4999037,0.669990,9.384650,2.651546,9.775032,74.260918,85.916458

6.5024190,0.693919,9.346365,2.658725,9.741914,74.162132,85.753876

6.5049338,0.720240,9.351151,2.644368,9.744509,74.254189,85.595688

6.5074492,0.727418,9.279366,2.593820,9.662488,74.428406,85.517700

6.5099645,0.813560,9.276974,2.581856,9.663856,74.504295,84.988174

6.5124803,0.916750,9.236296,2.560320,9.628335,74.578659,84.331665

6.5149956,0.990928,9.233903,2.495714,9.616418,74.958038,83.874802

6.5175109,0.966999,9.233903,2.490928,9.612741,74.981682,84.021622

6.5200262,0.969392,9.332008,2.500500,9.709717,75.076714,84.069489

6.5225415,0.998106,9.343972,2.443072,9.709512,75.426819,83.902885

6.5250645,1.019642,9.332008,2.471786,9.707511,75.248566,83.764435

6.5275803,1.065105,9.332008,2.493321,9.717896,75.133362,83.488747

6.5300961,1.112962,9.341579,2.529213,9.741699,74.952034,83.205772

6.5326114,1.105783,9.353543,2.533999,9.753598,74.941719,83.257744

6.5351267,1.175474,9.293723,2.536392,9.705066,74.849983,82.791481

6.5376430,1.208974,9.291330,2.531606,9.705641,74.880173,82.586411

6.5401583,1.252044,9.276974,2.593820,9.713792,74.512718,82.313660

6.5426736,1.256830,9.281759,2.641975,9.731943,74.247971,82.288559

6.5451856,1.285544,9.276974,2.673082,9.739622,74.070496,82.110558

6.5477009,1.302294,9.320045,2.637190,9.773125,74.345192,82.045540

6.5502167,1.326222,9.329616,2.622833,9.781608,74.446426,81.909508

6.5527320,1.319044,9.322437,2.605784,9.769228,74.529999,81.946602

6.5552478,1.335793,9.315259,2.526821,9.743880,74.970055,81.839508

6.5577636,1.371686,9.288938,2.438286,9.701089,75.443092,81.599915

6.5602789,1.402792,9.298509,2.332703,9.688736,76.068336,81.420937

6.5627942,1.453341,9.300901,2.244169,9.677565,76.591400,81.118889

6.5653129,1.455733,9.310472,2.201098,9.677236,76.852943,81.113503

6.5678282,1.376471,9.293723,2.236990,9.657748,76.607155,81.575302

6.5703440,1.268794,9.322437,2.268097,9.677910,76.446213,82.249603

6.5728593,1.120140,9.303294,2.313560,9.651868,76.131119,83.134491

6.5753751,1.141975,9.336794,2.246561,9.670929,76.567451,83.026840

6.5778904,1.225723,9.324830,2.131706,9.643600,77.229362,82.511559

6.5804062,1.266401,9.341579,2.062015,9.649911,77.661774,82.279701

6.5829215,1.299901,9.312865,2.105385,9.635966,77.379501,82.053925

6.5854349,1.338186,9.216854,2.191526,9.567860,76.758804,81.739006

6.5879502,1.415056,9.195318,2.217848,9.564261,76.591682,81.251457

6.5904660,1.496411,9.168997,2.119742,9.529063,77.147018,80.730850

6.5929818,1.570589,9.176176,2.100599,9.543662,77.284851,80.287407

6.5954971,1.592124,9.173783,2.093421,9.543352,77.328613,80.154297

6.5980129,1.632802,9.183354,2.086242,9.557848,77.392250,79.918152

6.6005282,1.659123,9.202497,2.105385,9.584951,77.311218,79.779900

6.6030436,1.692922,9.253045,2.158027,9.651006,77.079056,79.631927

6.6055589,1.700101,9.257831,2.239383,9.675361,76.617416,79.594193

6.6080747,1.685744,9.250652,2.239383,9.665978,76.604187,79.672333

6.6105900,1.688136,9.265009,2.315953,9.698136,76.184044,79.673668

6.6131053,1.690529,9.253045,2.335096,9.691718,76.058136,79.646263

6.6156216,1.692922,9.255438,2.270490,9.679062,76.433281,79.634552

6.6181369,1.743171,9.253045,2.191526,9.667485,76.897697,79.331154

6.6206522,1.745564,9.241081,2.203490,9.659190,76.813370,79.303329

6.6231680,1.767099,9.241081,2.220240,9.666938,76.722145,79.174461

6.6256876,1.788635,9.265009,2.165205,9.681308,77.076607,79.073318

6.6282034,1.810170,9.274581,2.122135,9.684938,77.342827,78.956108

6.6307187,1.858027,9.231211,2.035694,9.633876,77.801117,78.619751

6.6332340,1.836491,9.188140,1.990230,9.578916,78.008186,78.696884

6.6357503,1.889133,9.135498,2.009373,9.542731,77.844490,78.316460

6.6382656,1.961217,9.090034,1.908874,9.493097,78.399864,77.824799

6.6407809,1.920240,9.109177,1.820340,9.485677,78.936073,78.096176

6.6432972,1.942075,9.135498,1.769791,9.505848,79.270111,77.998413

6.6458101,1.891526,9.113962,1.736292,9.468732,79.433823,78.275192

6.6483254,1.908276,9.171391,1.705185,9.521742,79.683632,78.246262

6.6508408,1.917847,9.197711,1.686043,9.545615,79.826469,78.221817

6.6533570,1.925026,9.173783,1.645365,9.516893,80.044174,78.149010

6.6558723,1.985145,9.236296,1.623829,9.585759,80.247055,77.870026

6.6583877,1.966003,9.274581,1.616651,9.617515,80.322952,78.031746

6.6609035,1.954039,9.279366,1.662114,9.627437,80.058449,78.108459

6.6634192,1.992324,9.284152,1.693221,9.645301,79.889404,77.888351

6.6659360,1.987538,9.315259,1.669293,9.670103,80.059578,77.955757

6.6684518,1.968396,9.334401,1.671686,9.685048,80.060699,78.092194

6.6709676,1.977967,9.351151,1.650150,9.699452,80.204727,78.056770

6.6734829,1.973181,9.334401,1.654936,9.683146,80.159332,78.064072

6.6759987,1.939383,9.327223,1.623829,9.664115,80.326897,78.254021

6.6785140,1.944468,9.327223,1.604687,9.661939,80.439827,78.224083

6.6810298,1.989931,9.291330,1.571187,9.631058,80.610939,77.911545

6.6835456,2.016252,9.303294,1.604687,9.653579,80.431473,77.771713

6.6860619,2.047359,9.265009,1.623829,9.626469,80.288696,77.539169

6.6885772,2.114358,9.267402,1.647758,9.647298,80.165672,77.147949

6.6910930,2.159822,9.183354,1.623829,9.572651,80.233566,76.765205

6.6936088,2.212763,9.216854,1.611865,9.614823,80.349152,76.500046

6.6961241,2.229512,9.243474,1.621436,9.645807,80.322777,76.439354

6.6986399,2.251048,9.238688,1.690828,9.658131,79.917389,76.306450

6.7011557,2.310869,9.231211,1.681257,9.663435,79.980621,75.945847

6.7036710,2.341975,9.238688,1.659722,9.674342,80.121521,75.775360

6.7061882,2.363511,9.267402,1.702792,9.714444,79.904778,75.692574

6.7087040,2.416153,9.195318,1.721935,9.662128,79.734200,75.277817

6.7112193,2.387439,9.207282,1.709971,9.664260,79.808563,75.463409

6.7137356,2.361118,9.250652,1.664507,9.691235,80.110191,75.681648

6.7162509,2.373082,9.262616,1.621436,9.698280,80.375633,75.629913

6.7187667,2.361118,9.257831,1.561616,9.680958,80.717178,75.692291

6.7212825,2.330011,9.267402,1.537389,9.678701,80.860283,75.887199

6.7237978,2.284547,9.339187,1.561616,9.740544,80.774460,76.254265

6.7263203,2.215156,9.324830,1.487139,9.699018,81.180115,76.636826

6.7288361,2.246262,9.327223,1.415355,9.697732,81.607880,76.459381

6.7313519,2.210370,9.336794,1.386641,9.694547,81.776604,76.681137

6.7338676,2.212763,9.320045,1.511068,9.697570,81.035690,76.644135

6.7363834,2.210370,9.305687,1.580758,9.694345,80.615456,76.638214

6.7388992,2.251048,9.286545,1.501496,9.672726,81.069870,76.374382

6.7414150,2.248655,9.322437,1.415355,9.693685,81.604347,76.438789

6.7439313,2.210370,9.308080,1.365105,9.663829,81.879280,76.641525

6.7464433,2.190928,9.351151,1.389034,9.704308,81.770660,76.813728

6.7489586,2.133501,9.351151,1.391426,9.691848,81.745712,77.147743

6.7514744,2.090430,9.358330,1.336391,9.681642,82.065926,77.408188

6.7539902,2.059323,9.401401,1.343570,9.717629,82.052765,77.644821

6.7565060,2.068894,9.377472,1.350748,9.697516,81.993347,77.558487

6.7590218,2.035395,9.422935,1.314856,9.729511,82.233223,77.811127

6.7615376,2.021038,9.432507,1.302892,9.734182,82.308044,77.906487

6.7640533,1.997110,9.425328,1.305285,9.722604,82.284599,78.036682

6.7665625,1.970789,9.468399,1.348356,9.764869,82.063110,78.242119

6.7690787,1.939383,9.482756,1.393819,9.778885,81.805519,78.441444

6.7715940,1.951646,9.509377,1.393819,9.807136,81.829285,78.402016

6.7741094,1.980360,9.530911,1.389034,9.833082,81.879166,78.261940

6.7766252,1.954039,9.533304,1.415355,9.833890,81.724899,78.416542

6.7791409,1.961217,9.533304,1.420140,9.836008,81.698517,78.375137

6.7816563,1.946860,9.550055,1.427319,9.850434,81.668564,78.477654

6.7841721,1.966003,9.545269,1.429712,9.849944,81.654083,78.361755

6.7866912,1.942075,9.540483,1.424926,9.839861,81.673630,78.493996

6.7892070,1.949253,9.540483,1.389034,9.836148,81.881714,78.452606

6.7917228,2.001895,9.585947,1.286142,9.876848,82.517815,78.204086

6.7942381,2.025823,9.612267,1.242772,9.901723,82.789749,78.098854

6.7967544,2.078465,9.569197,1.221237,9.868179,82.891136,77.745491

6.7992697,2.131108,9.552447,1.204487,9.861118,82.984085,77.423523

6.8017855,2.178964,9.538090,1.230808,9.860929,82.829834,77.131683

6.8043013,2.145465,9.516555,1.233201,9.833037,82.795334,77.295319

6.8068123,2.126322,9.554840,1.202094,9.862112,82.998802,77.453911

6.8093281,2.186143,9.550055,1.161416,9.865681,83.239296,77.106339

6.8118439,2.236691,9.518948,1.135095,9.843861,83.378494,76.776939

6.8143592,2.255834,9.554840,1.120738,9.881286,83.487480,76.716103

6.8168750,2.298904,9.538090,1.094417,9.872075,83.635117,76.448830

6.8193903,2.358725,9.564411,1.063311,9.908187,83.839363,76.146454

6.8219056,2.377867,9.638589,1.005584,9.978369,84.216118,76.141693

6.8244219,2.296512,9.672089,0.957727,9.987017,84.497040,76.643196

6.8269358,2.219941,9.629018,0.912264,9.923626,84.725441,77.017471

6.8294511,2.143072,9.626625,0.876371,9.901146,84.921982,77.449516

6.8319669,2.202892,9.676874,0.897907,9.964982,84.830284,77.175453

6.8344827,2.241477,9.698409,0.926621,9.997099,84.681679,76.986412

6.8369980,2.291726,9.681660,0.967299,9.996110,84.446938,76.682747

6.8395133,2.320440,9.672089,0.957727,9.992546,84.500092,76.509094

6.8420291,2.356332,9.669696,0.969691,9.999781,84.435211,76.304955

6.8445444,2.358725,9.676874,0.914656,10.002103,84.753174,76.301361

6.8470659,2.334797,9.679267,0.893121,9.996858,84.874352,76.438393

6.8495817,2.284547,9.691231,0.878764,9.995565,84.956306,76.735634

6.8520975,2.286940,9.684052,0.919442,9.992814,84.720726,76.712738

6.8546128,2.282155,9.664909,0.998405,9.980758,84.258926,76.714226

6.8571286,2.243870,9.648160,1.082453,9.964620,83.763672,76.907478

6.8596444,2.248655,9.619446,1.075275,9.937122,83.787987,76.842720

6.8621602,2.231905,9.650553,1.039382,9.959662,84.009750,76.978020

6.8646755,2.164607,9.657731,1.056132,9.953527,83.909088,77.366959

6.8671885,2.037788,9.700802,1.106381,9.974077,83.631317,78.136719

6.8697047,1.898705,9.808778,1.099203,10.051142,83.721519,79.044632

6.8722200,1.917847,9.794421,0.986441,10.029053,84.355354,78.921082

6.8747354,1.896312,9.727123,1.017847,9.962377,84.135910,78.968498

6.8772516,1.805385,9.755837,1.068096,9.978807,83.855492,79.515633

6.8797669,1.678565,9.772886,1.075275,9.974122,83.811119,80.254120

6.8822823,1.568196,9.825528,1.075275,10.007819,83.832039,80.931831

6.8847980,1.491626,9.796814,1.103989,9.971023,83.643196,81.342850

6.8873124,1.503590,9.758230,1.096810,9.934125,83.661148,81.240509

6.8898282,1.503590,9.736694,1.139881,9.917829,83.400269,81.221436

6.8923435,1.429412,9.765409,1.202094,9.942407,83.055618,81.672462

6.8948588,1.415056,9.753445,1.182952,9.926300,83.155594,81.744972

6.8973751,1.381257,9.784850,1.170988,9.950998,83.242035,81.965057

6.8998904,1.338186,9.808778,1.175773,9.969218,83.226753,82.231247

6.9024057,1.323829,9.763016,1.166202,9.921141,83.249435,82.278000

6.9049215,1.273580,9.777672,1.139881,9.925936,83.405685,82.578781

6.9074359,1.249652,9.739087,1.175773,9.889079,83.171600,82.688156

6.9099512,1.197010,9.743873,1.159024,9.885303,83.266747,82.996452

6.9124665,1.141975,9.775279,1.130310,9.906452,83.448380,83.336754

6.9149823,1.096212,9.811171,1.106381,9.934024,83.605537,83.624725

6.9174981,1.132104,9.784850,1.068096,9.907865,83.811325,83.400238

6.9200134,1.127319,9.727123,1.048954,9.848252,83.885735,83.389236

6.9225292,1.117747,9.751051,0.984048,9.864112,84.274620,83.460815

6.9250445,1.074677,9.717552,0.969691,9.824767,84.335762,83.689232

6.9275661,1.026820,9.741480,0.957727,9.842156,84.415787,83.982841

6.9300823,1.019642,9.717552,0.988834,9.820808,84.221230,84.009995

6.9325976,1.029213,9.729516,1.005584,9.835342,84.131721,83.961563

6.9351134,0.986142,9.729516,0.974477,9.827795,84.309471,84.212509

6.9376292,0.955035,9.696016,0.912264,9.785553,84.650803,84.374641

6.9401450,0.909572,9.688838,0.969691,9.779633,84.309532,84.636887

6.9426603,0.830309,9.700802,0.981655,9.785633,84.242630,85.107872

6.9451766,0.815953,9.739087,0.936192,9.817945,84.528236,85.210876

6.9476461,0.796810,9.746265,0.957727,9.825571,84.406334,85.326157

6.9501166,0.732204,9.760623,0.969691,9.835964,84.342232,85.709930

6.9526300,0.662812,9.820743,0.967299,9.890499,84.387459,86.138908

6.9551435,0.597907,9.933205,0.969691,9.998317,84.434395,86.555367

6.9576569,0.547657,9.997811,0.933799,10.056249,84.671974,86.864601

6.9601707,0.538086,10.007382,1.005584,10.072162,84.270164,86.922234

6.9626842,0.430409,9.926026,1.012762,9.986838,84.179649,87.517113

6.9651976,0.399302,9.926026,0.974477,9.981736,84.397522,87.696358

6.9677429,0.428016,9.782457,1.005584,9.843316,84.136490,87.494713

6.9702873,0.389731,9.760623,0.974477,9.816887,84.303131,87.713455

6.9728298,0.327219,9.801600,0.991227,9.857025,84.228554,88.087936

6.9753456,0.272184,9.789636,1.032204,9.847665,83.983368,88.407402

6.9778614,0.300897,9.849456,1.017847,9.906479,84.102707,88.250175

6.9803767,0.265005,9.882956,1.017847,9.938766,84.121933,88.464020

6.9828930,0.207577,9.921241,1.039382,9.977696,84.020615,88.801399

6.9854083,0.171685,9.928419,1.007977,9.980931,84.203804,89.009323

6.9879212,0.200399,9.894919,0.991227,9.946463,84.280624,88.839767

6.9904370,0.190828,9.911670,1.012762,9.965104,84.166908,88.897034

6.9929528,0.221934,9.921241,0.974477,9.971454,84.391724,88.718529

6.9954681,0.279362,9.875777,1.020240,9.932265,84.104195,88.379669

6.9979839,0.312862,9.808778,1.065703,9.871461,83.802383,88.173111

7.0004997,0.305683,9.818350,1.065703,9.880747,83.808228,88.216736

7.0030150,0.291326,9.839885,1.007977,9.895666,84.153687,88.304161

7.0055308,0.329611,9.751051,0.952942,9.803047,84.421539,88.063988

7.0080447,0.315254,9.729516,0.957727,9.781621,84.381119,88.144157

7.0105605,0.312862,9.755837,0.952942,9.807260,84.423943,88.163200

7.0130763,0.394517,9.719945,0.979263,9.777112,84.251694,87.675735

7.0155916,0.382553,9.715159,0.907478,9.764947,84.667686,87.745033

7.0181074,0.416052,9.657731,0.914656,9.709864,84.594795,87.533241

7.0206227,0.463908,9.609875,0.890728,9.662210,84.710571,87.236244

7.0231380,0.502194,9.600304,0.873978,9.653075,84.805389,87.005577

7.0256538,0.523729,9.557233,0.864407,9.610525,84.839622,86.863373

7.0281663,0.562014,9.542876,0.857229,9.597770,84.875778,86.629539

7.0306821,0.631705,9.538090,0.842872,9.596074,84.960930,86.210846

7.0331974,0.653241,9.516555,0.799801,9.572420,85.207199,86.073235

7.0357127,0.631705,9.526126,0.775873,9.578524,85.353874,86.206108

7.0382290,0.684347,9.547662,0.778266,9.603743,85.351784,85.900223

7.0407443,0.784846,9.545269,0.730110,9.605269,85.640663,85.299515

7.0432596,0.729811,9.566804,0.696611,9.619856,85.847359,85.637596

7.0457749,0.746561,9.557233,0.696611,9.611624,85.843796,85.533424

7.0482893,0.801596,9.547662,0.696611,9.606543,85.841591,85.200859

7.0508046,0.859023,9.547662,0.699003,9.611679,85.829521,84.858818

7.0533199,0.935893,9.540483,0.687039,9.610865,85.900673,84.397385

7.0558352,0.935893,9.607482,0.687039,9.677377,85.928902,84.436203

7.0583510,0.911965,9.645767,0.694218,9.713622,85.901665,84.598991

7.0608664,0.988535,9.609875,0.706182,9.686361,85.819153,84.126839

7.0633817,1.036391,9.638589,0.653540,9.716152,86.143188,83.862839

7.0658975,1.062712,9.652946,0.576969,9.728392,86.599922,83.717491

7.0684128,1.043570,9.717552,0.596112,9.791589,86.509674,83.870483

7.0709281,0.962214,9.734302,0.617647,9.801223,86.386978,84.354782

7.0734434,0.943071,9.760623,0.624826,9.825963,86.354141,84.481216

7.0759592,0.962214,9.772886,0.646361,9.841390,86.234222,84.376923

7.0784745,0.892822,9.770494,0.622433,9.830925,86.369957,84.778847

7.0809898,0.842274,9.813564,0.699003,9.874415,85.940674,85.094467

7.0835056,0.851845,9.897313,0.730110,9.960698,85.796501,85.080772

7.0860209,0.806381,9.921241,0.703789,9.978807,85.955666,85.353310

7.0885334,0.780060,9.928419,0.701396,9.983685,85.971413,85.507591

7.0910487,0.717847,9.978668,0.677468,10.027367,86.126038,85.885338

7.0935640,0.643669,9.988240,0.734896,10.035902,85.800659,86.312805

7.0960793,0.597907,9.993026,0.775873,10.040918,85.568275,86.575935

7.0985947,0.576371,9.973883,0.787837,10.021538,85.491074,86.692665

7.1011100,0.612563,9.993026,0.785444,10.042545,85.514221,86.492218

7.1036253,0.650848,9.976275,0.773480,10.027360,85.575981,86.267342

7.1061411,0.610170,9.985847,0.814158,10.037544,85.347557,86.503380

7.1086555,0.610170,9.995419,0.792623,10.045344,85.474403,86.506714

7.1111708,0.588335,9.983455,0.742074,10.028269,85.756332,86.627403

7.1136866,0.597907,9.935597,0.797408,9.985461,85.419655,86.556198

7.1162019,0.576371,9.935597,0.780658,9.982872,85.514900,86.679955

7.1187172,0.573978,9.914063,0.802194,9.963012,85.381706,86.686539

7.1212320,0.583550,9.875777,0.883550,9.932380,84.896423,86.618385

7.1237478,0.554836,9.909277,0.888335,9.964475,84.885277,86.795265

7.1262631,0.581157,9.904491,0.890728,9.961431,84.869888,86.641960

7.1287785,0.588335,9.921241,0.878764,9.977444,84.947121,86.606300

7.1312938,0.530908,9.914063,0.869193,9.966243,84.996666,86.934685

7.1338096,0.459123,9.993026,0.864407,10.040845,85.061348,87.369431

7.1363249,0.418445,10.038788,0.895514,10.087334,84.906799,87.613136

7.1388397,0.363410,10.110573,0.926621,10.159448,84.766907,87.941475

7.1413555,0.365803,10.084252,0.921835,10.132904,84.780334,87.922523

7.1438708,0.361017,10.077073,0.893121,10.123013,84.938393,87.948219

7.1463861,0.353839,10.096216,0.866800,10.139532,85.095963,87.992798

7.1489015,0.339482,10.093823,0.902692,10.139791,84.892494,88.073715

7.1514173,0.274576,10.067502,0.878764,10.109511,85.013298,88.437729

7.1539326,0.286541,10.002597,0.852443,10.042943,85.130890,88.359116

7.1564479,0.229113,9.949955,0.888335,9.992159,84.899483,88.680908

7.1589637,0.198006,9.947562,0.962513,9.995981,84.474426,88.859680

7.1614785,0.190828,9.930812,0.979263,9.980802,84.369385,88.899155

7.1639938,0.121436,9.854242,0.914656,9.897345,84.697487,89.293968

7.1665092,0.092722,9.839885,0.945763,9.885667,84.510109,89.460114

7.1690245,0.080758,9.820743,0.924228,9.864467,84.623924,89.528854

7.1715398,0.092722,9.741480,0.924228,9.785665,84.580498,89.454659

7.1740551,0.044566,9.674481,0.972084,9.723298,84.262283,89.736061

7.1765699,0.011067,9.626625,1.010369,9.679508,84.008423,89.934135

7.1790857,0.006281,9.669696,1.029811,9.724380,83.920982,89.962784

7.1816010,0.044566,9.645767,1.135095,9.712428,83.288483,89.735275

7.1841164,0.104686,9.593125,1.168595,9.664607,83.055092,89.374779

7.1866322,0.159721,9.597911,1.142274,9.666965,83.213928,89.046616

7.1891365,0.150150,9.609875,1.092024,9.672888,83.517754,89.104851

7.1916518,0.142971,9.581161,1.087239,9.643711,83.526672,89.145088

7.1941667,0.087936,9.624231,1.063311,9.683191,83.695641,89.476501

7.1966815,0.054138,9.633803,1.077667,9.694043,83.617348,89.678024

7.1991968,0.068794,9.640982,1.032204,9.696324,83.889107,89.591171

7.2017121,0.090329,9.681660,1.046561,9.738480,83.830704,89.465454

7.2042270,0.054138,9.696016,1.036990,9.751462,83.895515,89.680092

7.2067418,0.037388,9.710373,1.060918,9.768229,83.764862,89.779396

7.2092719,0.051745,9.719945,1.010369,9.772454,84.065613,89.694984

7.2117877,0.032602,9.799207,0.943370,9.844565,84.501106,89.809380

7.2143030,-0.005683,9.808778,0.909871,9.850889,84.700363,90.033195

7.2168183,-0.048754,9.823135,0.869193,9.861636,84.943459,90.284363

7.2193346,-0.022433,9.904491,0.876371,9.943213,84.943527,90.129768

7.2218499,0.013460,9.909277,0.873978,9.947753,84.959671,89.922173

7.2243652,0.011067,9.902099,0.845265,9.938116,85.120941,89.935966

7.2268810,0.044566,9.854242,0.883550,9.893874,84.876503,89.740875

7.2293959,-0.015254,9.875777,0.962513,9.922582,84.433426,90.088501

7.2319112,0.042173,9.861421,1.039382,9.916134,83.983360,89.754967

7.2344265,0.037388,9.844670,1.108774,9.906982,83.574081,89.782402

7.2369423,0.071186,9.792028,1.137488,9.858131,83.374123,89.583473

7.2394576,0.104686,9.777672,1.154238,9.846121,83.267868,89.386581

7.2419729,0.095115,9.835099,1.170988,9.905021,83.210526,89.445915

7.2444887,0.087936,9.794421,1.156631,9.862870,83.265358,89.485603

7.2470040,0.063709,9.823135,1.113560,9.886256,83.532639,89.628410

7.2495208,0.044566,9.789636,1.125524,9.854225,83.441513,89.739166

7.2520366,0.078365,9.741480,1.108774,9.804690,83.506752,89.539093

7.2545519,0.104686,9.717552,1.051346,9.774820,83.825516,89.382782

7.2570672,0.099900,9.705587,1.056132,9.763391,83.790009,89.410271

7.2595835,0.023031,9.686445,1.060918,9.744399,83.749550,89.863770

7.2620988,0.015852,9.655338,1.060918,9.713463,83.729568,89.905930

7.2646141,-0.015254,9.588340,1.058525,9.646604,83.700233,90.091156

7.2671294,-0.039182,9.588340,1.099203,9.651219,83.460243,90.234138

7.2696419,-0.039182,9.538090,1.120738,9.603788,83.298454,90.235367

7.2721577,-0.065504,9.523733,1.113560,9.588837,83.331146,90.394073

7.2746730,-0.053539,9.497113,1.163809,9.568306,83.013718,90.322998

7.2771883,-0.043968,9.477970,1.209273,9.554904,82.729118,90.265793

7.2797041,-0.008076,9.456435,1.221237,9.534970,82.641357,90.048927

7.2822194,0.020638,9.499506,1.237987,9.579857,82.575012,89.875519

7.2847347,0.027817,9.494720,1.273879,9.579836,82.358459,89.832138

7.2872500,0.049352,9.456435,1.266701,9.541023,82.370682,89.700981

7.2897649,0.039781,9.470792,1.290928,9.558451,82.238129,89.759338

7.2922802,0.032602,9.480363,1.295713,9.568553,82.217453,89.802963

7.2947955,-0.003290,9.480363,1.300499,9.569148,82.189018,90.019882

7.2973108,0.011067,9.473185,1.305285,9.562694,82.154770,89.933067

7.2998266,0.008674,9.442079,1.259522,9.525719,82.401917,89.947365

7.3023419,0.046959,9.413364,1.293321,9.501911,82.177094,89.714180

7.3048573,0.092722,9.396614,1.336391,9.491622,81.906036,89.434647

7.3073730,0.054138,9.444471,1.283749,9.531473,82.259575,89.671570

7.3098869,0.083151,9.446864,1.283749,9.534053,82.261681,89.495697

7.3124018,0.044566,9.468399,1.264308,9.552541,82.394417,89.730316

7.3149171,0.042173,9.535697,1.254736,9.617987,82.503983,89.746597

7.3174324,0.018245,9.492328,1.226022,9.571194,82.640472,89.889870

7.3199482,0.013460,9.489935,1.194916,9.564878,82.823433,89.918739

7.3224635,0.001496,9.559626,1.211666,9.636108,82.776382,89.991035

7.3249788,-0.022433,9.605089,1.180559,9.677395,82.992958,90.133812

7.3274946,-0.022433,9.617053,1.125524,9.682717,83.324821,90.133644

7.3300114,-0.058325,9.667302,1.065703,9.726041,83.709343,90.345673

7.3325267,-0.058325,9.691231,1.017847,9.744710,84.004448,90.344818

7.3350425,-0.058325,9.715159,1.003191,9.766992,84.104614,90.343971

7.3375573,-0.127717,9.765409,1.087239,9.826576,83.647636,90.749298

7.3400726,-0.101396,9.777672,1.032204,9.832527,83.974075,90.594147

7.3425884,-0.204586,9.830314,1.111167,9.895030,83.552345,91.192253

7.3451037,-0.194716,9.794421,1.137488,9.862174,83.376854,91.138908

7.3476191,-0.170788,9.827921,1.182952,9.900331,83.137558,90.995575

7.3501334,-0.206979,9.808778,1.103989,9.872879,83.579742,91.208839

7.3526492,-0.226122,9.820743,1.003191,9.874437,84.168991,91.319000

7.3551645,-0.257228,9.835099,0.952942,9.884505,84.467659,91.498177

7.3576794,-0.307478,9.830314,0.926621,9.878676,84.617737,91.791542

7.3601947,-0.333799,9.882956,0.902692,9.929708,84.784142,91.934441

7.3627105,-0.352941,9.863813,0.895514,9.910667,84.815765,92.049248

7.3652258,-0.348156,9.803992,1.000798,9.861089,84.175041,92.033813

7.3677411,-0.302692,9.770494,1.101596,9.837056,83.570290,91.774467

7.3702574,-0.252443,9.792028,1.139881,9.861383,83.362320,91.476784

7.3727727,-0.161216,9.710373,1.192523,9.784654,82.999565,90.951164

7.3752880,-0.060718,9.648160,1.305285,9.736243,82.295471,90.360573

7.3778038,0.049352,9.533304,1.369891,9.631351,81.822952,89.703392

7.3803191,0.135793,9.545269,1.350748,9.641324,81.946373,89.184952

7.3828340,0.190828,9.528519,1.350748,9.625674,81.933189,88.852692

7.3853493,0.238684,9.516555,1.295713,9.607324,82.249054,88.563271

7.3878651,0.255434,9.494720,1.199701,9.573623,82.801155,88.458961

7.3903823,0.310469,9.477970,1.168595,9.554786,82.974869,88.123840

7.3928971,0.324826,9.461221,1.139881,9.535173,83.134163,88.033676

7.3954134,0.372981,9.499506,1.082453,9.568252,83.504242,87.751541

7.3979287,0.425623,9.492328,1.084846,9.563594,83.486633,87.432655

7.4004436,0.478265,9.514162,1.118345,9.591596,83.304291,87.122231

7.4029593,0.511765,9.516555,1.103989,9.594035,83.392319,86.921814

7.4054747,0.528515,9.497113,1.178166,9.584496,82.939110,86.814774

7.4079900,0.602991,9.533304,1.185344,9.625619,82.926369,86.380806

7.4105039,0.634098,9.516555,1.094417,9.600242,83.454109,86.187958

7.4130197,0.684347,9.516555,1.080060,9.602066,83.541580,85.886871

7.4155350,0.677169,9.540483,1.039382,9.620794,83.797943,85.940041

7.4180503,0.698704,9.554840,1.032204,9.635798,83.850571,85.817650

7.4205651,0.715454,9.533304,0.952942,9.607490,84.307625,85.708122

7.4230809,0.660419,9.535697,0.893121,9.600174,84.661957,86.038162

7.4255962,0.622134,9.559626,0.893121,9.621390,84.673759,86.276482

7.4281116,0.636491,9.526126,0.850050,9.585134,84.912086,86.177444

7.4306250,0.629312,9.526126,0.866800,9.586160,84.812111,86.220436

7.4331398,0.626920,9.511769,0.897907,9.574603,84.618889,86.229095

7.4356556,0.569193,9.566804,0.926621,9.628413,84.477417,86.595108

7.4381709,0.504586,9.614660,0.945763,9.674232,84.389740,86.995819

7.4406862,0.511765,9.638589,0.936192,9.697461,84.460045,86.960709

7.4432020,0.490230,9.664909,0.871586,9.716505,84.853561,87.096298

7.4457169,0.447159,9.729516,0.840479,9.775983,85.067970,87.368599

7.4482322,0.478265,9.765409,0.821336,9.811551,85.198082,87.196152

7.4507470,0.459123,9.770494,0.818944,9.815498,85.214035,87.309608

7.4532623,0.444766,9.787243,0.763909,9.827080,85.541611,87.398071

7.4557776,0.473480,9.815957,0.790230,9.859090,85.402672,87.238434

7.4582930,0.478265,9.842278,0.761516,9.883272,85.580925,87.218018

7.4608083,0.466301,9.873384,0.771087,9.914420,85.539352,87.296036

7.4633236,0.461516,9.923634,0.780658,9.964985,85.506836,87.337280

7.4658389,0.447159,9.928419,0.816551,9.971972,85.303101,87.421242

7.4683542,0.511765,9.933205,0.804587,9.978868,85.375275,87.050690

7.4708719,0.468694,9.981061,0.785444,10.022882,85.505402,87.311462

7.4733872,0.420838,10.009775,0.766301,10.047881,85.626091,87.592552

7.4759026,0.396909,10.026525,0.811765,10.067161,85.374939,87.733078

7.4784184,0.389731,10.002597,0.795015,10.041707,85.459068,87.768715

7.4809332,0.384945,10.019346,0.821336,10.060322,85.317093,87.799767

7.4834485,0.372981,10.069895,0.835693,10.111393,85.259171,87.878777

7.4859643,0.337089,10.053145,0.854836,10.095054,85.142448,88.079552

7.4884796,0.320040,10.021739,0.909871,10.068046,84.814987,88.170906

7.4909954,0.288933,10.067502,0.902692,10.112020,84.878433,88.356087

7.4935107,0.269791,10.065109,0.909871,10.109752,84.836433,88.464577

7.4960265,0.269791,10.057931,0.945763,10.105901,84.630104,88.463486

7.4985418,0.219541,9.985847,0.969691,10.035220,84.454926,88.740540

7.5010567,0.190828,9.988240,1.058525,10.045986,83.951637,88.905487

7.5035725,0.236291,9.973883,1.125524,10.039968,83.563362,88.642860

7.5060878,0.236291,9.952348,1.115953,10.017506,83.603958,88.639923

7.5086031,0.253041,9.921241,1.101596,9.985418,83.666214,88.538986

7.5111156,0.219541,9.904491,1.101596,9.967982,83.655090,88.730202

7.5136309,0.205185,9.911670,1.092024,9.973756,83.714096,88.814072

7.5161462,0.150150,9.854242,1.115953,9.918366,83.539757,89.127052

7.5186615,0.147757,9.818350,1.094417,9.880262,83.640411,89.137817

7.5211768,0.116650,9.866206,1.103989,9.928466,83.615837,89.322609

7.5236921,0.195613,9.784850,1.115953,9.850224,83.494873,88.854729

7.5262074,0.186042,9.693624,1.123131,9.760244,83.392220,88.900505

7.5287228,0.150150,9.672089,1.103989,9.736048,83.489120,89.110611

7.5312371,0.212363,9.631411,1.159024,9.703221,83.139793,88.736893

7.5337524,0.219541,9.573982,1.223630,9.654356,82.718529,88.686378

7.5362682,0.176471,9.576375,1.194916,9.652249,82.888733,88.944290

7.5387836,0.214756,9.585947,1.206880,9.664008,82.825943,88.716606

7.5412984,0.284148,9.487542,1.228415,9.570956,82.625847,88.284531

7.5438137,0.442373,9.396614,1.276272,9.493204,82.273727,87.304626

7.5463295,0.562014,9.260223,1.254736,9.361729,82.297569,86.526909

7.5488443,0.705883,9.226425,1.180559,9.328393,82.729408,85.625015

7.5513620,0.851845,9.312865,1.010369,9.406165,83.833641,84.773720

7.5538774,1.036391,9.487542,1.000798,9.596310,84.013748,83.765892

7.5563922,1.165903,9.792028,1.345963,9.952626,82.227676,83.209953

7.5589075,1.335793,10.206285,1.851447,10.458511,79.803322,82.543541

7.5614233,1.496411,10.606485,2.388037,10.974493,77.431961,81.969452

7.5639386,1.630409,10.975279,2.775973,11.437701,75.953827,81.550339

7.5664539,1.759921,11.308181,2.941377,11.816259,75.586014,81.153877

7.5689688,1.791028,11.526227,2.929413,12.026769,75.902397,81.167603

7.5714817,1.707279,11.703594,2.768795,12.147228,76.824394,81.700432

7.5739975,1.517947,11.868699,2.656332,12.256683,77.483238,82.711723

7.5765128,1.268794,11.981462,2.447858,12.294602,78.515656,83.955109

7.5790277,0.993321,12.086745,2.383251,12.359449,78.882111,85.301842

7.5815434,0.772882,12.244970,2.368894,12.495932,79.072121,86.388382

7.5840588,0.681954,12.357433,2.356930,12.598664,79.217705,86.841293

7.5865736,0.605384,12.407682,2.368894,12.646293,79.203621,87.206696

7.5890889,0.528515,12.463017,2.354537,12.694486,79.311043,87.571732

7.5916028,0.468694,12.494123,2.332703,12.718659,79.431679,87.851662

7.5941186,0.387338,12.513266,2.236990,12.717546,79.869080,88.227020

7.5966334,0.312862,12.491731,2.217848,12.690945,79.935410,88.565300

7.5991488,0.245863,12.484552,2.193919,12.678241,80.035034,88.871803

7.6016636,0.214756,12.477374,2.086242,12.652407,80.509216,89.013947

7.6041794,0.241077,12.424433,1.968695,12.581749,80.997810,88.888405

7.6066947,0.231506,12.343077,1.793720,12.474877,81.732986,88.925491

7.6092095,0.224327,12.233006,1.664507,12.347768,82.252815,88.949432

7.6117244,0.296112,12.096316,1.508675,12.193631,82.892784,88.597710

7.6142402,0.384945,12.019747,1.424926,12.110033,83.242645,88.165665

7.6167550,0.444766,11.919248,1.357927,12.004593,83.504959,87.863007

7.6192703,0.523729,11.849557,1.300499,11.932208,83.742867,87.469276

7.6217861,0.619741,11.811272,1.209273,11.889178,84.162231,86.996429

7.6243010,0.674776,11.734701,1.106381,11.806042,84.622742,86.708969

7.6268163,0.736989,11.686845,1.044168,11.756520,84.904503,86.391624

7.6293311,0.808774,11.679667,0.933799,11.744816,85.439751,86.038803

7.6318469,0.854238,11.686845,0.900300,11.752558,85.606575,85.819458

7.6343622,0.923929,11.698809,0.881157,11.768271,85.705925,85.484367

7.6368775,0.950250,11.701201,0.864407,11.771503,85.788857,85.357224

7.6393924,0.998106,11.670095,0.960120,11.751987,85.313797,85.111572

7.6419082,0.993321,11.648560,0.948156,11.729220,85.363319,85.125946

7.6444235,1.012463,11.609976,0.900300,11.688763,85.582550,85.016052

7.6469383,0.990928,11.533405,0.902692,11.611039,85.541077,85.089317

7.6494536,0.952643,11.483156,0.881157,11.556247,85.626984,85.257599

7.6519780,0.885643,11.420942,0.871586,11.488339,85.648964,85.565842

7.6544933,0.854238,11.348859,0.890728,11.415766,85.524879,85.695419

7.6570091,0.806381,11.255539,0.869193,11.317814,85.595421,85.902153

7.6595244,0.732204,11.205289,0.900300,11.265220,85.416115,86.261353

7.6620398,0.732204,11.114362,0.888335,11.173822,85.440086,86.230858

7.6645551,0.748953,10.984851,0.926621,11.049276,85.189377,86.099579

7.6670709,0.684347,10.872388,0.924228,10.933039,85.150696,86.398346

7.6695862,0.641276,10.757234,0.940978,10.817335,85.009651,86.588432

7.6720953,0.626920,10.606485,0.969691,10.669154,84.785339,86.617340

7.6746111,0.624527,10.496117,1.058525,10.567827,84.251335,86.594872

7.6771264,0.597907,10.369297,1.139881,10.448882,83.737068,86.699905

7.6796412,0.622134,10.223036,1.206880,10.312811,83.279434,86.517502

7.6821570,0.653241,10.086645,1.249951,10.184769,82.950462,86.294533

7.6846724,0.727418,9.926026,1.312463,10.038810,82.487709,85.808632

7.6871877,0.818345,9.813564,1.403391,9.947122,81.889359,85.233177

7.6897025,0.876072,9.633803,1.432104,9.778987,81.578911,84.803970

7.6922164,0.895215,9.528519,1.467997,9.682411,81.279480,84.632751

7.6947322,0.885643,9.415757,1.549353,9.583388,80.696121,84.626587

7.6972470,0.964607,9.317652,1.587937,9.501086,80.378883,84.089531

7.6997623,0.993321,9.176176,1.678864,9.381230,79.690819,83.821793

7.7022781,0.986142,9.078070,1.729113,9.293742,79.277565,83.800323

7.7047935,1.026820,8.943773,1.788934,9.178547,78.760895,83.450638

7.7073083,1.012463,8.855238,1.853839,9.103683,78.250320,83.477417

7.7098236,1.093819,8.718847,1.882553,8.986587,77.907837,82.849342

7.7123404,1.077069,8.668299,1.858625,8.930508,77.987747,82.917084

7.7148557,1.048355,8.639585,1.865803,8.900715,77.899681,83.081367

7.7173705,0.943071,8.601300,1.951945,8.870278,77.287766,83.742920

7.7198863,0.890429,8.524730,2.038087,8.810089,76.624290,84.036934

7.7224016,0.866202,8.531908,2.124527,8.835009,76.085899,84.202911

7.7249169,0.873679,8.541479,2.189134,8.860727,75.696381,84.159721

7.7274318,0.866202,8.517551,2.289632,8.862359,75.027542,84.193207

7.7299476,0.827917,8.519944,2.359323,8.879262,74.590759,84.449768

7.7324624,0.839881,8.548658,2.419144,8.923968,74.271225,84.388863

7.7349777,0.873679,8.603693,2.512464,9.005516,73.799965,84.201660

7.7374926,0.868595,8.663513,2.557927,9.074905,73.628265,84.274719

7.7400084,0.880858,8.711669,2.581856,9.128804,73.571106,84.226311

7.7425237,0.928714,8.790632,2.641975,9.225928,73.359589,83.969177

7.7450390,0.971785,8.843274,2.644368,9.281194,73.446121,83.728943

7.7475543,0.986142,8.881559,2.680260,9.329435,73.304176,83.664253

7.7500696,1.010070,8.955737,2.689832,9.405353,73.381996,83.565102

7.7525830,1.007677,9.063713,2.682653,9.505941,73.607964,83.656075

7.7550983,1.072284,9.104391,2.682653,9.551772,73.688820,83.282845

7.7576132,1.091426,9.145069,2.742474,9.609612,73.417923,83.194176

7.7601290,1.146760,9.241081,2.718546,9.700677,73.725296,82.926117

7.7626443,1.173081,9.288938,2.718546,9.749409,73.808891,82.802338

7.7651591,1.220938,9.303294,2.697010,9.762983,73.963562,82.523392

7.7676744,1.362114,9.303294,2.625226,9.762093,74.399971,81.670387

7.7701898,1.489233,9.339187,2.541178,9.792640,74.959679,80.939857

7.7726598,1.580160,9.353543,2.467000,9.801620,75.422279,80.411156

7.7751393,1.632802,9.353543,2.347060,9.780772,76.115425,80.097931

7.7776527,1.743171,9.329616,2.282454,9.761658,76.478027,79.416725

7.7801652,1.824527,9.293723,2.220240,9.727880,76.806831,78.893044

7.7826786,1.946860,9.279366,2.100599,9.711305,77.507927,78.150902

7.7851920,2.011467,9.245867,2.016551,9.674634,77.969231,77.726379

7.7877054,2.135893,9.221640,1.980659,9.670765,78.181686,76.959244

7.7902184,2.215156,9.207282,1.939981,9.666669,78.422829,76.472450

7.7927637,2.353939,9.135498,1.851447,9.613855,78.896545,75.550926

7.7953091,2.452045,9.087642,1.817947,9.586589,79.068550,74.899933

7.7978587,2.495415,9.003893,1.812862,9.517544,79.019447,74.509369

7.8003745,2.588735,8.929416,1.820340,9.473630,78.921829,73.832550

7.8028898,2.643770,8.941380,1.803291,9.496822,79.054008,73.528206

7.8054056,2.705983,8.871988,1.853839,9.458924,78.697533,73.038132

7.8079214,2.756532,8.860024,1.849054,9.461369,78.730042,72.718033

7.8104367,2.801995,8.855238,1.908874,9.482100,78.386223,72.441467

7.8129530,2.816352,8.745169,1.899303,9.381746,78.319931,72.149017

7.8154683,2.888137,8.630014,1.889732,9.294599,78.269119,71.496567

7.8179841,2.947958,8.527122,1.865803,9.213223,78.316010,70.928947

7.8204999,2.988636,8.426325,1.846661,9.129351,78.329834,70.471504

7.8230157,3.060719,8.423932,1.863411,9.154394,78.255157,70.032089

7.8255310,3.046362,8.368897,1.951945,9.117503,77.637993,69.997986

7.8280468,3.010171,8.342576,2.057229,9.104499,76.940811,70.159523

7.8305626,2.935993,8.376076,2.117349,9.124794,76.582588,70.683350

7.8330755,2.900101,8.347362,2.129313,9.089720,76.452286,70.841377

7.8355913,2.897708,8.301898,2.189134,9.061486,76.019798,70.758888

7.8381071,2.859423,8.330612,2.229812,9.085564,75.793129,71.055580

7.8406224,2.804388,8.275578,2.248954,9.022614,75.566422,71.279755

7.8431382,2.766103,8.234900,2.303989,8.987394,75.145943,71.432800

7.8456540,2.696412,8.179864,2.397608,8.940321,74.444054,71.755699

7.8481693,2.658127,8.242078,2.481357,9.008586,74.011551,72.125130

7.8506851,2.746960,8.309076,2.514857,9.105550,73.967094,71.706238

7.8531976,2.794817,8.268398,2.488536,9.075804,74.085983,71.324135

7.8557129,2.770889,8.311469,2.414358,9.087765,74.593155,71.562576

7.8582287,2.686841,8.380861,2.371287,9.114876,74.920700,72.224541

7.8607440,2.665305,8.354540,2.332703,9.074343,75.103973,72.306030

7.8632593,2.600699,8.364112,2.318346,9.060724,75.174995,72.727676

7.8657751,2.538486,8.352147,2.246561,9.013840,75.567772,73.094292

7.8682904,2.528914,8.306684,2.227419,8.964251,75.612534,73.067482

7.8708062,2.512165,8.263613,2.265704,8.929260,75.301109,73.090561

7.8733211,2.461616,8.227720,2.246561,8.877048,75.340431,73.343567

7.8758368,2.401796,8.275578,2.253740,8.906916,75.342964,73.815849

7.8783522,2.401796,8.330612,2.294418,8.968393,75.177002,73.917221

7.8808680,2.301297,8.411968,2.342274,9.030140,74.966484,74.699730

7.8833838,2.229512,8.551051,2.325525,9.137794,75.256325,75.386635

7.8858991,2.243870,8.653942,2.327917,9.238229,75.404854,75.463966

7.8884144,2.265405,8.742776,2.294418,9.318398,75.745789,75.473167

7.8909302,2.265405,8.869596,2.282454,9.434584,75.999863,75.672264

7.8934417,2.279762,9.042177,2.308775,9.606702,76.094009,75.849205

7.8959575,2.253441,9.176176,2.275275,9.718904,76.460938,76.202614

7.8984728,2.190928,9.257831,2.193919,9.763241,77.014046,76.685524

7.9009881,2.111965,9.324830,2.153241,9.800474,77.308128,77.238480

7.9035034,2.128715,9.341579,2.179562,9.825834,77.184074,77.162910

7.9060192,2.054537,9.387043,2.169991,9.851221,77.274734,77.654381

7.9085340,1.970789,9.449257,2.184348,9.896658,77.248924,78.218964

7.9110494,1.944468,9.492328,2.153241,9.925809,77.471008,78.423332

7.9135656,1.886741,9.516555,2.148456,9.936824,77.513390,78.786026

7.9160810,1.745564,9.629018,2.114956,10.011894,77.804718,79.724915

7.9185958,1.663909,9.696016,2.081157,10.055473,78.055290,80.262466

7.9211111,1.546661,9.863813,2.091028,10.200950,78.171455,81.088501

7.9236269,1.501197,9.911670,2.143670,10.251347,77.929733,81.387581

7.9261422,1.494019,9.923634,2.083550,10.249476,78.270958,81.438332

7.9286575,1.436591,9.921241,2.071586,10.236517,78.324287,81.760864

7.9311733,1.407877,9.847063,2.057229,10.157704,78.315117,81.863319

7.9336863,1.381257,9.835099,2.073979,10.145858,78.204666,82.005577

7.9362016,1.354936,9.861421,2.081157,10.169301,78.190933,82.176682

7.9387169,1.307079,9.921241,2.095814,10.224085,78.171211,82.494759

7.9412322,1.242473,9.892527,2.138884,10.197090,77.892044,82.841301

7.9437480,1.228116,9.768100,2.124527,10.071627,77.822449,82.833961

7.9462628,1.177867,9.758230,2.184348,10.068853,77.470566,83.117409

7.9487782,1.062712,9.664909,2.251347,9.980401,76.963203,83.725204

7.9512939,1.079462,9.624231,2.260918,9.944990,76.859337,83.600403

7.9538083,1.103390,9.609875,2.210669,9.922410,77.126717,83.450073

7.9563236,1.120140,9.562018,2.225026,9.881177,76.986641,83.318550

7.9588389,1.103390,9.521340,2.234597,9.842094,76.876846,83.389702

7.9613547,1.060320,9.514162,2.220240,9.827157,76.942482,83.640831

7.9638700,1.105783,9.461221,2.158027,9.767013,77.235130,83.333778

7.9663849,1.112962,9.408579,2.155634,9.716316,77.181862,83.253708

7.9689002,1.127319,9.320045,2.191526,9.640377,76.860199,83.103218

7.9714160,1.165903,9.300901,2.198705,9.628105,76.799271,82.855026

7.9739356,1.139582,9.274581,2.201098,9.600069,76.745354,82.995094

7.9764509,1.108176,9.243474,2.215455,9.569645,76.614098,83.163589

7.9789662,1.062712,9.221640,2.253740,9.552347,76.353210,83.426170

7.9814816,1.081855,9.197711,2.251347,9.530837,76.336617,83.291565

7.9839973,1.093819,9.145069,2.311167,9.495800,75.913391,83.179398

7.9865127,1.069891,9.159426,2.349453,9.516285,75.706589,83.337608

7.9890280,1.031606,9.123533,2.390430,9.487741,75.407104,83.548920

7.9915438,1.036391,9.142676,2.416751,9.513323,75.283379,83.532700

7.9940610,1.060320,9.123533,2.411965,9.496352,75.286339,83.370934

7.9965763,1.081855,9.130713,2.378466,9.497232,75.496582,83.242798

7.9990921,1.072284,9.147462,2.419144,9.522506,75.283005,83.314186

8.0016079,1.124926,9.130713,2.435894,9.516772,75.169647,82.976418

8.0041227,1.103390,9.188140,2.388037,9.557306,75.530472,83.152229

8.0066385,1.017249,9.200104,2.383251,9.558064,75.561272,83.690475

8.0091534,1.048355,9.161819,2.344667,9.515011,75.734367,83.472229

8.0116701,1.134497,9.137891,2.260918,9.481555,76.204666,82.922768

8.0141640,1.096212,9.145069,2.248954,9.481127,76.278465,83.164619

8.0166788,1.105783,9.209675,2.287239,9.553655,76.148285,83.153412

8.0191936,1.108176,9.204889,2.337489,9.561480,75.849525,83.135201

8.0217085,1.105783,9.188140,2.395216,9.559380,75.489243,83.137520

8.0242233,1.089033,9.168997,2.327917,9.522379,75.849602,83.226517

8.0267382,1.089033,9.171391,2.337489,9.527027,75.797279,83.228264

8.0292530,1.074677,9.219247,2.347060,9.573826,75.809074,83.351105

8.0317688,0.995713,9.236296,2.335096,9.578794,75.890388,83.847023

8.0343008,0.895215,9.219247,2.368894,9.560732,75.654213,84.453804

8.0368166,0.849452,9.276974,2.402394,9.620566,75.539391,84.768265

8.0393324,0.832702,9.322437,2.402394,9.662956,75.604195,84.895752

8.0418472,0.839881,9.267402,2.330310,9.592731,75.940781,84.821579

8.0443630,0.847059,9.281759,2.311167,9.602607,76.073250,84.785599

8.0468788,0.861416,9.274581,2.378466,9.613376,75.675575,84.693634

8.0493937,0.904786,9.260223,2.296811,9.583617,76.133522,84.419533

8.0519094,0.911965,9.202497,2.280061,9.524510,76.149536,84.340485

8.0544281,0.859023,9.183354,2.289632,9.503386,76.058678,84.656029

8.0569439,0.808774,9.183354,2.299203,9.501287,75.996056,84.966972

8.0594597,0.729811,9.154640,2.364109,9.483094,75.564072,85.442001

8.0619745,0.679562,9.250652,2.402394,9.581643,75.479355,85.798546

8.0644903,0.751346,9.238688,2.318346,9.554717,75.957657,85.350594

8.0670061,0.799203,9.195318,2.256133,9.501723,76.264236,85.032669

8.0695219,0.748953,9.171391,2.227419,9.467668,76.392708,85.331474

8.0720367,0.739382,9.185747,2.193919,9.473010,76.608894,85.398048

8.0745525,0.751346,9.219247,2.169991,9.500942,76.797256,85.340828

8.0770674,0.756132,9.228818,2.138884,9.503560,76.993515,85.316124

8.0795832,0.717847,9.274581,2.172384,9.552612,76.855217,85.574165

8.0820980,0.720240,9.286545,2.150848,9.559541,76.997421,85.565170

8.0846148,0.744168,9.250652,2.083550,9.511547,77.346474,85.400749

8.0871296,0.648455,9.262616,2.030908,9.504796,77.662376,85.995384

8.0896454,0.538086,9.214461,1.999802,9.444312,77.775269,86.657959

8.0921612,0.408874,9.209675,2.064408,9.447066,77.377663,87.457962

8.0946703,0.305683,9.238688,2.086242,9.476245,77.281868,88.104927

8.0971851,0.219541,9.149855,2.081157,9.386120,77.189507,88.625511

8.0997009,0.178863,9.128320,2.122135,9.373455,76.914879,88.877472

8.1022158,0.142971,9.161819,2.229812,9.430346,76.322845,89.105965

8.1047316,0.131007,9.161819,2.263311,9.438149,76.124992,89.180771

8.1072464,0.039781,9.152247,2.239383,9.422317,76.251060,89.750961

8.1097622,0.013460,9.178569,2.311167,9.465083,75.866722,89.915977

8.1122780,-0.060718,9.233903,2.368894,9.533116,75.611763,90.376747

8.1147938,-0.077468,9.262616,2.409572,9.571212,75.418785,90.479179

8.1173086,-0.077468,9.322437,2.450250,9.639376,75.274300,90.476105

8.1198244,-0.122931,9.360723,2.522035,9.695303,74.922249,90.752403

8.1223392,-0.043968,9.327223,2.574677,9.676155,74.568581,90.270088

8.1248550,0.003888,9.276974,2.538785,9.618092,74.694878,89.975983

8.1273708,0.025424,9.219247,2.553142,9.566279,74.520729,89.841995

8.1298857,-0.036790,9.197711,2.574677,9.551345,74.361809,90.229172

8.1324005,-0.070289,9.207282,2.565106,9.558177,74.432838,90.437393

8.1349239,-0.132503,9.190533,2.543571,9.536939,74.531578,90.825989

8.1374388,-0.144467,9.159426,2.550749,9.509063,74.440201,90.903618

8.1399546,-0.204586,9.121140,2.531606,9.468162,74.491524,91.284927

8.1424704,-0.177966,9.109177,2.488536,9.444658,74.722984,91.119247

8.1449852,-0.228515,9.056535,2.488536,9.394991,74.640236,91.445381

8.1475010,-0.223729,9.015857,2.493321,9.356943,74.545830,91.421509

8.1500168,-0.269193,9.075677,2.469393,9.409478,74.785301,91.698944

8.1525326,-0.254836,9.032606,2.428715,9.356900,74.955803,91.616051

8.1550407,-0.216550,8.975179,2.390430,9.290581,75.090317,91.382149

8.1575556,-0.240479,9.015857,2.440679,9.343470,74.857674,91.527878

8.1600714,-0.235693,9.070891,2.428715,9.393363,75.015572,91.488403

8.1625862,-0.209372,9.073284,2.421536,9.393198,75.060631,91.321899

8.1651020,-0.216550,9.111569,2.407180,9.426670,75.205177,91.361465

8.1676168,-0.273978,9.195318,2.400001,9.507310,75.378204,91.706642

8.1701326,-0.278764,9.185747,2.421536,9.503657,75.238235,91.738243

8.1726475,-0.317049,9.185747,2.402394,9.499998,75.351784,91.976799

8.1751652,-0.453440,9.216854,2.404787,9.536195,75.393761,92.816498

8.1776810,-0.523131,9.267402,2.452643,9.600721,75.198891,93.230835

8.1801958,-0.458226,9.267402,2.376073,9.578122,75.636490,92.830681

8.1827116,-0.419940,9.260223,2.337489,9.559914,75.847160,92.596519

8.1852274,-0.410369,9.279366,2.330310,9.576293,75.916153,92.532188

8.1877422,-0.393619,9.312865,2.373680,9.618667,75.713036,92.420235

8.1902580,-0.369691,9.329616,2.366502,9.632172,75.777550,92.269188

8.1927738,-0.324227,9.327223,2.337489,9.621126,75.939064,91.990883

8.1952896,-0.273978,9.336794,2.337489,9.628844,75.950562,91.680801

8.1978054,-0.314656,9.320045,2.323132,9.610368,76.011223,91.933640

8.2003212,-0.350549,9.288938,2.296811,9.575103,76.120941,92.161217

8.2028360,-0.405583,9.293723,2.253740,9.571684,76.381317,92.498833

8.2053509,-0.467797,9.296116,2.301596,9.588220,76.110855,92.880791

8.2078667,-0.451047,9.291330,2.256133,9.571959,76.366974,92.779236

8.2103825,-0.388834,9.183354,2.208276,9.453131,76.490730,92.424522

8.2128973,-0.357727,9.135498,2.239383,9.412765,76.236832,92.242439

8.2154121,-0.386441,9.183354,2.263311,9.466040,76.166687,92.409615

8.2179270,-0.398405,9.145069,2.282454,9.434013,75.999001,92.494514

8.2204428,-0.367298,9.149855,2.239383,9.427067,76.258118,92.298759

8.2229586,-0.381655,9.157033,2.248954,9.436880,76.212860,92.386642

8.2254734,-0.427119,9.118748,2.308775,9.416179,75.806801,92.681755

8.2279892,-0.393619,9.128320,2.303989,9.422819,75.847023,92.469101

8.2305040,-0.376870,9.157033,2.323132,9.454640,75.776001,92.356750

8.2330198,-0.355334,9.121140,2.388037,9.435263,75.339149,92.230957

8.2355385,-0.321835,9.113962,2.349453,9.417420,75.553291,92.022400

8.2380543,-0.321835,9.097213,2.337489,9.398229,75.598465,92.026123

8.2405701,-0.271585,9.111569,2.337489,9.410542,75.617714,91.707291

8.2430849,-0.242871,9.090034,2.289632,9.377107,75.867058,91.530487

8.2456007,-0.245264,9.094820,2.270490,9.377154,75.987717,91.544746

8.2481155,-0.230907,9.152247,2.275275,9.433655,76.043388,91.445244

8.2506313,-0.214158,9.207282,2.244169,9.479251,76.305473,91.332436

8.2531471,-0.240479,9.219247,2.268097,9.497190,76.183228,91.494186

8.2556591,-0.250050,9.329616,2.270490,9.605174,76.326904,91.535263

8.2581749,-0.221336,9.341579,2.232204,9.607124,76.564598,91.357292

8.2606897,-0.211765,9.272188,2.143670,9.519119,76.985580,91.308334

8.2632055,-0.158824,9.300901,2.234597,9.566892,76.492294,90.978294

8.2657213,-0.113360,9.351151,2.256133,9.620135,76.436554,90.694534

8.2682362,0.006281,9.408579,2.232204,9.669753,76.653236,89.961746

8.2707520,0.157328,9.422935,2.138884,9.663917,77.213020,89.043465

8.2732677,0.262612,9.396614,2.105385,9.633170,77.375778,88.399139

8.2757816,0.353839,9.403793,2.083550,9.638346,77.515648,87.845139

8.2782965,0.420838,9.387043,2.064408,9.620575,77.608963,87.433044

8.2808123,0.454337,9.394221,2.028515,9.621470,77.828880,87.231133

8.2833271,0.485444,9.367901,1.978266,9.586802,78.091278,87.033592

8.2858429,0.418445,9.358330,2.016551,9.582271,77.851509,87.439804

8.2883577,0.356231,9.375079,2.088635,9.611525,77.449196,87.823936

8.2908735,0.401695,9.425328,2.054837,9.655078,77.712074,87.559608

8.2933893,0.432802,9.432507,2.040479,9.660386,77.806068,87.372879

8.2959042,0.420838,9.403793,2.038087,9.631314,77.783257,87.437614

8.2984200,0.442373,9.367901,1.990230,9.587193,78.018692,87.296371

8.3009348,0.435195,9.305687,1.995016,9.527081,77.912529,87.322426

8.3034506,0.442373,9.322437,2.033301,9.551850,77.709412,87.283211

8.3059654,0.468694,9.317652,1.999802,9.541358,77.901497,87.120346

8.3084812,0.480658,9.372686,2.035694,9.603246,77.761604,87.064278

8.3109970,0.526122,9.415757,2.047658,9.650191,77.749374,86.801826

8.3135118,0.569193,9.463614,2.069193,9.703893,77.688095,86.558067

8.3160276,0.597907,9.470792,2.095814,9.718324,77.545990,86.387619

8.3185434,0.614955,9.475577,2.054837,9.715302,77.789429,86.286766

8.3210583,0.597907,9.487542,2.004587,9.715417,78.092598,86.393982

8.3235741,0.504586,9.456435,1.971088,9.672847,78.242180,86.945648

8.3260899,0.428016,9.399008,1.937588,9.606185,78.363487,87.392639

8.3286047,0.392124,9.418150,1.947159,9.625318,78.328766,87.615875

8.3311205,0.267398,9.427721,1.901696,9.621325,78.600182,88.375359

8.3336353,0.236291,9.425328,1.906481,9.619112,78.568443,88.563904

8.3361559,0.121436,9.432507,1.908874,9.624486,78.560379,89.262405

8.3386717,0.078365,9.406186,1.939981,9.604478,78.346817,89.522667

8.3411865,0.078365,9.355937,1.973480,9.562129,78.089409,89.520103

8.3437023,0.071186,9.320045,2.030908,9.539019,77.707329,89.562386

8.3462181,0.068794,9.365508,2.134099,9.605824,77.163643,89.579147

8.3487339,0.037388,9.396614,2.091028,9.626534,77.454491,89.772026

8.3512487,-0.027218,9.401401,2.110170,9.635345,77.349518,90.165878

8.3537645,-0.132503,9.365508,2.165205,9.613449,76.983788,90.810562

8.3562775,-0.226122,9.355937,2.177170,9.608577,76.903839,91.384499

8.3587923,-0.305085,9.387043,2.105385,9.625087,77.365005,91.861496

8.3613081,-0.384048,9.308080,2.035694,9.535822,77.673714,92.362663

8.3638229,-0.460618,9.322437,2.028515,9.551695,77.738586,92.828667

8.3663387,-0.554238,9.303294,1.999802,9.531929,77.889351,93.409325

8.3688545,-0.630808,9.281759,1.978266,9.511178,77.995193,93.887962

8.3713694,-0.678664,9.248260,1.992623,9.484800,77.872612,94.197006

8.3738852,-0.745962,9.286545,1.975873,9.523678,78.025894,94.592552

8.3764000,-0.757927,9.265009,1.997409,9.508127,77.873322,94.676682

8.3789158,-0.798605,9.250652,2.069193,9.512829,77.436813,94.934082

8.3814306,-0.824926,9.253045,2.086242,9.521122,77.342812,95.094551

8.3839464,-0.839283,9.238688,2.086242,9.508426,77.325630,95.190750

8.3864622,-0.949352,9.253045,2.066801,9.528472,77.472519,95.857986

8.3889771,-1.007079,9.298509,2.083550,9.582152,77.441238,96.181351

8.3914928,-1.112363,9.281759,2.102992,9.581804,77.321648,96.833961

8.3940077,-1.217648,9.236296,2.038087,9.536541,77.659943,97.510162

8.3965225,-1.380659,9.245867,1.983052,9.556399,78.023506,98.493057

8.3990383,-1.565205,9.274581,1.963909,9.608572,78.206131,99.579140

8.4015541,-1.711167,9.308080,1.916053,9.656071,78.554848,100.416763

8.4040689,-1.902892,9.363115,1.884946,9.738684,78.839828,101.487923

8.4065847,-2.058426,9.382257,1.935195,9.798410,78.609138,102.374382

8.4090996,-2.144866,9.408579,1.944767,9.843979,78.605751,102.842209

8.4116154,-2.209473,9.451650,1.980659,9.906486,78.466812,103.157524

8.4141312,-2.219044,9.430114,2.018944,9.895824,78.227875,103.241638

8.4166489,-2.259722,9.454042,2.045265,9.933196,78.117691,103.442726

8.4191637,-2.281257,9.473185,2.062015,9.959783,78.051399,103.539719

8.4216795,-2.324328,9.461221,2.086242,9.963413,77.913376,103.802452

8.4241953,-2.321935,9.458828,2.098206,9.963096,77.842613,103.792137

8.4267101,-2.338685,9.504591,1.997409,9.989812,78.466278,103.823494

8.4292259,-2.372484,9.499506,1.997409,9.992944,78.469948,104.022659

8.4317408,-2.413162,9.518948,2.076372,10.037183,78.061127,104.225441

8.4342566,-2.441875,9.605089,2.054837,10.121405,78.286446,104.263969

8.4367666,-2.451447,9.624231,2.086242,10.148292,78.136795,104.290276

8.4392824,-2.456233,9.566804,2.098206,10.097489,78.006844,104.399406

8.4417982,-2.374876,9.521340,2.088635,10.032864,77.984322,104.005325

8.4443130,-2.362912,9.480363,2.098206,9.993153,77.879738,103.995407

8.4468279,-2.283650,9.410972,2.095814,9.908274,77.788467,103.639656

8.4493437,-2.238187,9.442079,2.129313,9.934601,77.623604,103.335472

8.4518585,-2.161616,9.427721,2.136492,9.905509,77.544151,102.913742

8.4543743,-2.075475,9.408579,2.107778,9.862640,77.659950,102.439865

8.4568911,-1.974677,9.415757,2.078765,9.842616,77.807289,101.844437

8.4594059,-1.969891,9.410972,2.083550,9.838091,77.773079,101.822380

8.4619217,-1.936392,9.477970,2.071586,9.893078,77.912949,101.546875

8.4644365,-1.919642,9.473185,2.023730,9.875309,78.174698,101.455276

8.4669523,-1.845464,9.470792,1.956731,9.845325,78.536293,101.026398

8.4694672,-1.785345,9.489935,1.913660,9.844207,78.790642,100.654541

8.4719830,-1.735096,9.482756,1.916053,9.828757,78.758575,100.368927

8.4744987,-1.739881,9.430114,1.896910,9.775096,78.810455,100.453667

8.4770107,-1.687239,9.454042,1.853839,9.780717,79.074043,100.118896

8.4795265,-1.615454,9.461221,1.856232,9.775990,79.054413,99.689514

8.4820414,-1.572384,9.432507,1.837090,9.737529,79.125359,99.464088

8.4845562,-1.548455,9.420543,1.822733,9.719398,79.191002,99.334244

8.4870720,-1.466800,9.375079,1.849054,9.667606,78.973511,98.892258

8.4895868,-1.440479,9.377472,1.837090,9.663688,79.041245,98.732979

8.4921026,-1.361516,9.363115,1.844268,9.639657,78.970116,98.273544

8.4946175,-1.332802,9.332008,1.887339,9.613781,78.678391,98.128044

8.4971342,-1.282553,9.351151,1.889732,9.626009,78.678436,97.809654

8.4996500,-1.229612,9.351151,1.863411,9.613962,78.824005,97.491020

8.5021648,-1.176970,9.353543,1.837090,9.604630,78.973022,97.171913

8.5046806,-1.086042,9.384650,1.844268,9.625615,78.953827,96.601212

8.5071955,-0.990030,9.430114,1.856232,9.661925,78.923569,95.993301

8.5097113,-0.930210,9.456435,1.825125,9.675771,79.127251,95.617996

8.5122261,-0.882353,9.475577,1.815255,9.688151,79.200745,95.319969

8.5147419,-0.781855,9.518948,1.849054,9.728343,79.043205,94.695541

8.5172577,-0.716949,9.583553,1.803291,9.778056,79.372551,94.278351

8.5197725,-0.673879,9.566804,1.800898,9.758129,79.364891,94.029221

8.5222883,-0.592523,9.562018,1.829911,9.753556,79.186386,93.545876

8.5248032,-0.535095,9.564411,1.849054,9.756192,79.074867,93.202156

8.5273190,-0.477667,9.564411,1.822733,9.748256,79.223381,92.859100

8.5298338,-0.470489,9.573982,1.803291,9.753684,79.345688,92.813393

8.5323496,-0.460618,9.576375,1.810469,9.756891,79.306335,92.753777

8.5348644,-0.458226,9.552447,1.788934,9.729312,79.404709,92.746338

8.5373793,-0.439083,9.595518,1.743470,9.762503,79.712448,92.619980

8.5398951,-0.367298,9.550055,1.762613,9.718295,79.550400,92.202530

8.5424109,-0.393619,9.557233,1.745863,9.723357,79.656242,92.358421

8.5449257,-0.374477,9.590733,1.810469,9.767303,79.317863,92.236015

8.5474405,-0.376870,9.552447,1.812862,9.730249,79.262367,92.259300

8.5499563,-0.374477,9.528519,1.779363,9.700466,79.430351,92.250603

8.5524721,-0.448654,9.564411,1.765006,9.736246,79.555557,92.685699

8.5549870,-0.496810,9.602696,1.753042,9.774035,79.667686,92.961639

8.5575037,-0.492024,9.545269,1.812862,9.728346,79.260239,92.950775

8.5600185,-0.467797,9.552447,1.798505,9.731531,79.349815,92.803612

8.5625334,-0.484846,9.571589,1.839482,9.758796,79.135040,92.899818

8.5650492,-0.446261,9.559626,1.884946,9.753902,78.857460,92.672737

8.5675650,-0.451047,9.516555,1.918446,9.718472,78.614929,92.713562

8.5700798,-0.455833,9.466006,1.937588,9.673020,78.445000,92.756935

8.5725946,-0.453440,9.420543,1.959123,9.632777,78.265259,92.755699

8.5751104,-0.463011,9.389436,1.928017,9.596517,78.409943,92.823082

8.5776253,-0.475274,9.430114,1.896910,9.630742,78.640518,92.885246

8.5801401,-0.539881,9.454042,1.877768,9.653829,78.783890,93.268372

8.5826559,-0.582951,9.456435,1.841875,9.651762,78.998596,93.527588

8.5851707,-0.587737,9.477970,1.829911,9.670880,79.092812,93.548416

8.5876865,-0.635594,9.504591,1.846661,9.703163,79.028809,93.825806

8.5902014,-0.637986,9.514162,1.832304,9.709976,79.122887,93.836311

8.5927162,-0.688236,9.521340,1.827518,9.719538,79.162437,94.134346

8.5952330,-0.714557,9.542876,1.829911,9.742980,79.174500,94.282234

8.5977774,-0.738784,9.607482,1.849054,9.811651,79.137375,94.397202

8.6003160,-0.810569,9.612267,1.817947,9.816193,79.327278,94.820145

8.6028318,-0.827318,9.578768,1.875375,9.795626,78.962570,94.936386

8.6053486,-0.820140,9.566804,1.892125,9.786547,78.852272,94.899857

8.6078644,-0.817747,9.583553,1.894517,9.803184,78.857178,94.877129

8.6103811,-0.824926,9.566804,1.918446,9.792072,78.701630,94.928307

8.6128988,-0.829711,9.533304,1.937588,9.763533,78.553574,94.974083

8.6154146,-0.836890,9.518948,1.918446,9.746343,78.647919,95.024429

8.6178694,-0.848854,9.439685,1.899303,9.666206,78.668282,95.138443

8.6203842,-0.882353,9.401401,1.894517,9.630892,78.655220,95.361694

8.6228991,-0.889532,9.403793,1.832304,9.621846,79.022026,95.403694

8.6254139,-0.882353,9.396614,1.887339,9.624809,78.691536,95.364410

8.6279287,-0.865604,9.355937,1.928017,9.591666,78.403999,95.285912

8.6304436,-0.839283,9.324830,1.925624,9.558497,78.377838,95.143059

8.6329594,-0.882353,9.358330,1.906481,9.591223,78.534752,95.386230

8.6354752,-0.894317,9.377472,1.920838,9.613865,78.474808,95.447746

8.6379910,-0.901496,9.379865,1.911267,9.614963,78.534348,95.489815

8.6405058,-0.889532,9.372686,1.928017,9.610190,78.426659,95.421524

8.6430206,-0.851247,9.343972,1.928017,9.578710,78.388092,95.205345

8.6455355,-0.798605,9.293723,1.975873,9.534943,78.040253,94.911331

8.6480503,-0.753141,9.228818,2.026123,9.478580,77.657326,94.665428

8.6505651,-0.659522,9.145069,2.078765,9.401517,77.225792,94.124901

8.6530800,-0.635594,9.092427,2.083550,9.349727,77.123749,93.998680

8.6555948,-0.566202,9.058928,2.086242,9.313279,77.055489,93.576454

8.6581154,-0.535095,9.032606,2.110170,9.291239,76.872780,93.390259

8.6606302,-0.523131,9.073284,2.071586,9.321460,77.159462,93.299805

8.6631451,-0.496810,9.238688,2.057229,9.477994,77.463989,93.078110

8.6656599,-0.412762,9.554840,2.009373,9.772559,78.134567,92.473595

8.6681747,-0.187537,10.122537,1.930410,10.306668,79.204910,91.061378

8.6706915,0.198006,10.893924,1.963909,11.071301,79.782379,88.958717

8.6732063,0.940678,11.943176,2.222633,12.184598,79.489639,85.496521

8.6757212,1.968396,13.035500,2.474179,13.413442,79.370628,81.413055

8.6782341,2.854637,13.928920,2.692225,14.471069,79.278122,78.417999

8.6807489,3.290729,14.386547,2.694618,15.002087,79.652596,77.116005

8.6832647,3.393621,14.432011,2.337489,15.008779,81.040199,76.767555

8.6857796,3.317050,14.204393,1.776970,14.694394,83.054314,76.855682

8.6882944,3.041577,13.849957,1.233201,14.233526,85.029625,77.613945

8.6908092,2.727519,13.660625,0.742074,13.950006,86.950699,78.708649

8.6933241,2.576771,13.579268,0.373280,13.826628,88.452988,79.255432

8.6958399,2.627020,13.605590,0.193520,13.858237,89.199883,79.071594

8.6983566,2.921636,13.667803,0.267996,13.979150,88.901505,77.934021

8.7008715,3.379264,13.782957,0.622433,14.204814,87.488586,76.224136

8.7033863,3.848855,13.722837,0.993620,14.286961,86.012016,74.332741

8.7059011,4.263113,13.536198,1.276272,14.248918,84.861145,72.518616

8.7084160,4.464409,13.207783,1.398605,14.011872,84.271439,71.324051

8.7109318,4.471587,12.656836,1.415355,13.497918,83.981056,70.541977

8.7134476,4.279862,12.144173,1.365105,12.948423,83.948265,70.586464

8.7159624,3.951747,11.633904,1.261915,12.351374,84.135971,71.238655

8.7184792,3.606881,11.128719,1.025025,11.743452,84.992577,72.042198

8.7209940,3.285944,10.613664,0.921835,11.148859,85.257126,72.797707

8.7235088,2.979064,10.122537,0.909871,10.590961,85.071640,73.600838

8.7260246,2.655734,9.602696,1.020240,10.015267,84.153229,74.540619

8.7285395,2.346761,9.101998,1.216451,9.478049,82.626091,75.542351

8.7310553,2.047359,8.560622,1.561616,8.939496,79.939545,76.549782

8.7335701,1.709672,8.019246,1.892125,8.414953,77.005783,77.964951

8.7360849,1.364507,7.470691,2.174777,7.899542,74.019859,79.649132

8.7385988,1.041177,6.974779,2.476571,7.474289,70.649544,81.509727

8.7411137,0.705883,6.529116,2.682653,7.093959,67.780228,83.829544

8.7436285,0.435195,6.181857,2.716153,6.766258,66.332634,85.973099

8.7461433,0.236291,5.970990,2.651546,6.537526,66.071976,87.733803

8.7486591,0.171685,5.927919,2.608177,6.478602,66.260231,88.341057

8.7511740,0.265005,6.181857,2.706582,6.753604,66.374237,87.545334

8.7536898,0.538086,6.646663,3.017948,7.319541,65.649734,85.371666

8.7562046,0.914357,7.305287,3.377170,8.099911,65.358505,82.865746

8.7587194,1.350150,8.210971,3.564109,9.052393,66.813828,80.662270

8.7612343,1.683351,9.178569,3.623930,10.010628,68.776421,79.607437

8.7637501,1.936990,10.144073,3.564109,10.925063,70.959747,79.189621

8.7662649,2.080858,11.037493,3.310171,11.709545,73.579185,79.323547

8.7687798,2.138286,11.895020,3.005983,12.453903,76.032661,79.809174

8.7712946,2.052145,12.597014,2.699403,13.045415,78.057877,80.747383

8.7738104,1.886741,13.272688,2.495714,13.636445,79.454407,81.909485

8.7763262,1.721636,13.854742,2.354537,14.158452,80.427292,82.916550

8.7788448,1.563411,14.400904,2.388037,14.681043,80.638603,83.804047

8.7813606,1.470090,14.712270,2.457429,14.988362,80.563423,84.293793

8.7838755,1.472483,14.889638,2.488536,15.167807,80.556961,84.352203

8.7863913,1.534697,14.966208,2.538785,15.257396,80.421600,84.145119

8.7889071,1.589732,14.927923,2.400001,15.202966,80.917061,83.921265

8.7914219,1.747957,14.764912,2.258525,15.038581,81.362518,83.248413

8.7939367,1.949253,14.477474,2.016551,14.746638,82.140373,82.331787

8.7964525,2.234298,13.976776,1.856232,14.275433,82.528687,80.917664

8.7989607,2.471188,13.370794,1.755435,13.710086,82.643677,79.528763

8.8014755,2.698805,12.678370,1.693221,13.072553,82.557861,77.982994

8.8039904,2.859423,11.924033,1.635793,12.370719,82.401466,76.514923

8.8065052,2.995814,11.155040,1.597508,11.660268,82.125458,74.967278

8.8090200,3.151647,10.354940,1.573580,10.937725,81.728310,73.071762

8.8115349,3.288337,9.564411,1.616651,10.242298,80.918419,71.026535

8.8140497,3.427120,8.891130,1.654936,9.671410,80.147270,68.920654

8.8165665,3.606881,8.280363,1.652543,9.181770,79.631355,66.462318

8.8190823,3.771986,7.791629,1.729113,8.827638,78.704155,64.168030

8.8215971,3.930211,7.396514,1.810469,8.569293,77.802971,62.015614

8.8241119,4.059423,7.084849,1.832304,8.368473,77.352440,60.188480

8.8266268,4.198506,6.905387,1.844268,8.289339,77.144867,58.700211

8.8291416,4.291827,6.732805,1.800898,8.184966,77.289490,57.484524

8.8316574,4.342076,6.658627,1.748256,8.139247,77.596596,56.891720

8.8341722,4.383053,6.605985,1.676471,8.103132,78.059738,56.435837

8.8366880,4.406981,6.613163,1.674079,8.121450,78.104317,56.320698

8.8391914,4.442873,6.646663,1.623829,8.158069,78.518837,56.239780

8.8417063,4.426124,6.761518,1.585544,8.235451,78.899727,56.791042

8.8442211,4.442873,6.840781,1.539781,8.300983,79.310074,56.997536

8.8467360,4.438088,6.958029,1.479961,8.384574,79.833458,57.468765

8.8492508,4.454837,7.082456,1.417747,8.486269,80.382858,57.830265

8.8517656,4.390231,7.269395,1.261915,8.585492,81.547920,58.870819

8.8542814,4.337290,7.489834,1.194916,8.737135,82.139427,59.925282

8.8567963,4.224827,7.717451,1.070489,8.863079,83.062836,61.302021

8.8593254,4.112365,7.968997,0.991227,9.022139,83.692406,62.704208

8.8618402,4.047460,8.230113,0.962513,9.221883,84.008972,63.812656

8.8643560,3.906283,8.472088,0.835693,9.366627,84.881248,65.246674

8.8668709,3.841677,8.689835,0.763909,9.531802,85.403206,66.150322

8.8693857,3.728915,8.893523,0.710967,9.669801,85.783554,67.252457

8.8719006,3.616452,9.056535,0.684646,9.775904,85.984055,68.232201

8.8744173,3.494119,9.233903,0.615255,9.892035,86.434074,69.273300

8.8769321,3.381657,9.363115,0.629611,9.974966,86.381134,70.141907

8.8794537,3.252145,9.482756,0.610469,10.043494,86.515274,71.070412

8.8819685,3.137290,9.571589,0.603290,10.090682,86.572418,71.852356

8.8844852,3.015256,9.605089,0.620040,10.086325,86.475616,72.571739

8.8870001,2.873780,9.624231,0.639183,10.064443,86.358749,73.374458

8.8895159,2.717947,9.552447,0.665504,9.953863,86.166412,74.117416

8.8920307,2.557628,9.509377,0.706182,9.872609,85.898163,74.946053

8.8945465,2.428117,9.442079,0.727717,9.776409,85.731178,75.578354

8.8970613,2.258226,9.351151,0.734896,9.647988,85.631500,76.423477

8.8995695,2.049752,9.320045,0.749552,9.572175,85.508842,77.596443

8.9020853,1.783849,9.228818,0.768694,9.431018,85.324806,79.060143

8.9046001,1.553839,9.157033,0.785444,9.321083,85.166222,80.369324

8.9071150,1.371686,9.135498,0.826122,9.274768,84.889778,81.460884

8.9096298,1.146760,9.085249,0.878764,9.199404,84.518517,82.806046

8.9121466,0.923929,9.032606,0.974477,9.131880,83.874214,84.159630

8.9146614,0.722632,9.032606,1.003191,9.116829,83.682533,85.425926

8.9171762,0.538086,8.979964,1.084846,9.061246,83.123840,86.570892

8.9196920,0.339482,9.039784,1.190130,9.124109,82.505096,87.849312

8.9222078,0.150150,9.092427,1.240379,9.177872,82.232765,89.053917

8.9247227,-0.043968,9.147462,1.331606,9.243979,81.717667,90.275398

8.9272375,-0.180359,9.236296,1.456033,9.352098,81.043152,91.118683

8.9297533,-0.317049,9.296116,1.542174,9.428499,80.586105,91.953346

8.9322691,-0.441476,9.418150,1.585544,9.560878,80.454155,92.683777

8.9347839,-0.544666,9.559626,1.597508,9.707479,80.528053,93.260941

8.9372988,-0.640379,9.700802,1.654936,9.861768,80.339294,93.776787

8.9398155,-0.731306,9.863813,1.721935,10.039656,80.124184,94.240173

8.9423304,-0.791426,10.019346,1.762613,10.203943,80.052925,94.516403

8.9448462,-0.827318,10.112966,1.765006,10.299115,80.132256,94.676819

8.9473619,-0.820140,10.225429,1.779363,10.411443,80.159584,94.585648

8.9498768,-0.820140,10.294821,1.829911,10.488305,79.952095,94.554863

8.9523926,-0.745962,10.354940,1.839482,10.543479,79.952393,94.120430

8.9549074,-0.664307,10.414761,1.846661,10.598052,79.965256,93.649681

8.9574223,-0.563809,10.431510,1.920838,10.621860,79.581413,93.093750

8.9599380,-0.412762,10.417153,1.930410,10.602544,79.509621,92.269058

8.9624529,-0.245264,10.453046,1.956731,10.637440,79.400223,91.344109

8.9649696,-0.108574,10.405190,2.023730,10.600718,78.994400,90.597839

8.9674845,0.054138,10.328619,2.076372,10.535398,78.633438,89.699684

8.9699993,0.209970,10.244571,2.112563,10.462230,78.350578,88.825844

8.9725151,0.384945,10.218250,2.148456,10.448765,78.134315,87.842552

8.9750299,0.564407,10.098609,2.208276,10.352630,77.683846,86.801094

8.9775448,0.703490,9.935597,2.272882,10.216505,77.145752,85.949928

8.9800653,0.911965,9.815957,2.277668,10.117928,76.990532,84.692093

8.9825811,1.127319,9.681660,2.270490,10.008022,76.887314,83.358467

8.9850960,1.292722,9.590733,2.220240,9.928885,77.078590,82.323441

8.9876118,1.458126,9.442079,2.169991,9.797338,77.203568,81.221245

8.9901266,1.558625,9.351151,2.078765,9.705390,77.632187,80.537079

8.9926424,1.700101,9.303294,2.098206,9.687317,77.490990,79.643936

8.9951582,1.795813,9.207282,2.052444,9.602682,77.658592,78.963432

8.9976740,1.929811,9.149855,2.038087,9.570674,77.704643,78.090202

9.0001822,2.049752,9.152247,2.009373,9.591804,77.907623,77.376259

9.0026979,2.198107,9.073284,2.047658,9.557671,77.628914,76.381813

9.0052128,2.318047,9.027821,2.091028,9.552344,77.355446,75.599426

9.0077276,2.363511,9.032606,2.011766,9.550987,77.840469,75.336502

9.0102434,2.435295,9.039784,1.925624,9.558054,78.377296,74.922607

9.0127583,2.454438,9.063713,1.837090,9.568179,78.930481,74.847801

9.0152731,2.428117,9.130713,1.714756,9.602398,79.713181,75.108078

9.0177889,2.368296,9.228818,1.602294,9.661638,80.453918,75.607346

9.0203047,2.253441,9.310472,1.530210,9.700745,80.924171,76.394188

9.0228205,2.190928,9.391829,1.537389,9.765765,80.942459,76.868858

9.0253363,2.109572,9.451650,1.534996,9.805110,80.993263,77.418022

9.0278511,2.047359,9.533304,1.518246,9.868163,81.149727,77.879341

9.0303659,2.028216,9.545269,1.554437,9.881402,80.949242,78.003983

9.0328817,1.956432,9.595518,1.568794,9.917797,80.898743,78.475914

9.0353966,1.901098,9.643374,1.566401,9.953012,80.945168,78.847702

9.0379114,1.867598,9.681660,1.561616,9.983041,81.000443,79.081718

9.0404282,1.798206,9.729516,1.571187,10.018266,80.976921,79.528770

9.0429440,1.786242,9.758230,1.544567,10.039891,81.150299,79.626862

9.0454588,1.740778,9.736694,1.458425,9.998027,81.612259,79.863449

9.0479736,1.651945,9.693624,1.470389,9.942701,81.495544,80.328812

9.0504894,1.587339,9.621839,1.479961,9.863555,81.370560,80.632149

9.0530043,1.503590,9.593125,1.527817,9.829703,81.058342,81.092148

9.0555191,1.450948,9.528519,1.539781,9.760576,80.923378,81.341843

9.0580359,1.415056,9.442079,1.590330,9.679070,80.543076,81.476692

9.0605488,1.400399,9.348758,1.597508,9.587096,80.407997,81.480705

9.0630636,1.304687,9.355937,1.640579,9.587871,80.147644,82.061295

9.0655785,1.292722,9.310472,1.676471,9.548120,79.887512,82.095245

9.0680943,1.304687,9.312865,1.678864,9.552500,79.877617,82.025047

9.0706091,1.271187,9.281759,1.714756,9.524041,79.627617,82.201553

9.0731239,1.283151,9.269794,1.781756,9.526291,79.220161,82.119034

9.0756388,1.268794,9.257831,1.781756,9.512724,79.204605,82.196175

9.0781546,1.304687,9.245867,1.846661,9.518320,78.813034,81.968010

9.0806799,1.295115,9.238688,1.851447,9.510969,78.774887,82.020058

9.0831957,1.299901,9.228818,1.865803,9.504844,78.679306,81.982498

9.0857115,1.335793,9.262616,1.901696,9.549704,78.513527,81.793762

9.0882273,1.338186,9.320045,1.911267,9.607649,78.525497,81.829231

9.0907431,1.381257,9.341579,1.887339,9.629903,78.697594,81.589119

9.0932579,1.460519,9.329616,1.896910,9.631880,78.641876,81.102753

9.0957737,1.491626,9.370294,1.892125,9.675096,78.722183,80.955170

9.0982885,1.472483,9.410972,1.889732,9.711111,78.778946,81.107346

9.1007986,1.450948,9.458828,1.865803,9.749661,78.967186,81.279030

9.1033144,1.390828,9.528519,1.841875,9.804059,79.171570,81.695480

9.1058292,1.354936,9.588340,1.851447,9.859005,79.176018,81.956741

9.1083450,1.273580,9.621839,1.808077,9.872737,79.447388,82.459961

9.1108608,1.237687,9.672089,1.781756,9.912408,79.644798,82.707787

9.1133757,1.204188,9.667302,1.753042,9.898482,79.798988,82.899643

9.1158915,1.175474,9.707980,1.772184,9.938171,79.728027,83.096046

9.1184063,1.122533,9.693624,1.767399,9.917163,79.734131,83.394501

9.1209192,1.096212,9.684052,1.698007,9.892714,80.116692,83.541740

9.1234341,1.069891,9.638589,1.681257,9.842443,80.164673,83.666054

9.1259489,1.010070,9.602696,1.674079,9.799722,80.163963,83.995361

9.1284647,0.969392,9.528519,1.616651,9.713184,80.419174,84.190948

9.1309805,0.931107,9.454042,1.564009,9.627668,80.650902,84.375206

9.1334953,0.851845,9.427721,1.590330,9.598787,80.463242,84.837044

9.1360111,0.787239,9.370294,1.626222,9.542890,80.188232,85.197617

9.1385260,0.713061,9.310472,1.580758,9.470593,80.391663,85.620438

9.1410408,0.696311,9.303294,1.587937,9.463491,80.340294,85.719643

9.1435566,0.703490,9.274581,1.635793,9.443970,80.025475,85.662338

9.1460714,0.646062,9.303294,1.573580,9.457528,80.422363,86.027504

9.1485863,0.595514,9.303294,1.552045,9.450649,80.547714,86.337433

9.1511030,0.540479,9.241081,1.546960,9.385242,80.512703,86.652779

9.1536179,0.542872,9.300901,1.552045,9.445122,80.542130,86.659569

9.1561327,0.521336,9.315259,1.546960,9.457215,80.585564,86.796738

9.1586485,0.533300,9.315259,1.566401,9.461082,80.470078,86.723381

9.1611652,0.521336,9.298509,1.523032,9.436826,80.712280,86.790977

9.1636801,0.502194,9.343972,1.491925,9.475645,80.941177,86.923584

9.1661968,0.449552,9.310472,1.501496,9.441477,80.849289,87.235649

9.1687117,0.430409,9.320045,1.482354,9.447002,80.972260,87.355904

9.1712275,0.425623,9.348758,1.501496,9.478128,80.884979,87.393280

9.1737423,0.389731,9.355937,1.554437,9.492192,80.574814,87.614662

9.1762571,0.368196,9.410972,1.635793,9.559173,80.146889,87.759499

9.1787729,0.382553,9.499506,1.738685,9.664885,79.636230,87.693901

9.1812916,0.418445,9.609875,1.760220,9.778709,79.629929,87.506729

9.1838064,0.523729,9.719945,1.798505,9.898800,79.531830,86.915779

9.1863222,0.605384,9.787243,1.817947,9.973041,79.497055,86.460510

9.1888371,0.691526,9.851849,1.786541,10.036377,79.746330,85.984856

9.1913528,0.777667,9.918848,1.853839,10.120525,79.445183,85.517014

9.1938677,0.835095,10.000204,1.858625,10.205682,79.506927,85.226433

9.1963825,0.940678,10.026525,1.889732,10.246325,79.372086,84.640259

9.1988993,1.048355,10.014561,1.892125,10.245517,79.357620,84.023865

9.2014046,1.079462,9.942777,1.868196,10.174193,79.419250,83.803810

9.2039204,1.122533,9.969097,1.846661,10.200644,79.570023,83.575485

9.2064352,1.197010,9.945169,1.868196,10.189671,79.435509,83.136841

9.2089510,1.254437,9.868599,1.882553,10.124567,79.284111,82.755753

9.2114658,1.316651,9.854242,1.856232,10.113617,79.424095,82.389641

9.2139816,1.342972,9.856635,1.865803,10.121168,79.376953,82.241196

9.2164965,1.328615,9.835099,1.851447,10.095655,79.432693,82.306541

9.2190113,1.364507,9.830314,1.846661,10.094905,79.459526,82.097496

9.2215233,1.400399,9.868599,1.837090,10.135347,79.557091,81.923393

9.2240381,1.407877,9.892527,1.844268,10.160980,79.542572,81.900215

9.2265530,1.431805,9.887741,1.863411,10.163158,79.435074,81.760490

9.2290678,1.470090,9.851849,1.839482,10.129353,79.537079,81.512962

9.2315826,1.489233,9.811171,1.863411,10.096989,79.365036,81.368980

9.2340975,1.522732,9.751051,1.829911,10.037443,79.495750,81.124329

9.2366133,1.515554,9.664909,1.796113,9.946527,79.596642,81.088028

9.2391281,1.427020,9.626625,1.800898,9.897046,79.515869,81.568062

9.2416439,1.381257,9.530911,1.827518,9.802344,79.255081,81.753883

9.2441587,1.374078,9.518948,1.784148,9.781699,79.490616,81.785980

9.2466745,1.371686,9.499506,1.834697,9.771809,79.178261,81.783539

9.2491894,1.333400,9.461221,1.863411,9.734729,78.964401,81.977951

9.2517042,1.278365,9.430114,1.868196,9.698011,78.893280,82.279930

9.2542191,1.259223,9.463614,1.911267,9.736455,78.679321,82.420776

9.2567348,1.213759,9.466006,1.925624,9.735837,78.592407,82.693237

9.2592497,1.208974,9.463614,1.880160,9.724022,78.851524,82.719917

9.2617683,1.161117,9.497113,1.815255,9.738506,79.257248,83.029610

9.2642832,1.141975,9.477970,1.825125,9.719419,79.176666,83.129707

9.2667980,1.112962,9.489935,1.815255,9.725878,79.243134,83.311012

9.2693148,1.055534,9.504591,1.779363,9.727155,79.459686,83.662971

9.2718296,1.029213,9.530911,1.779363,9.750061,79.484726,83.836693

9.2743444,0.988535,9.535697,1.798505,9.754043,79.374687,84.081474

9.2768593,0.988535,9.554840,1.760220,9.765784,79.616051,84.093246

9.2793751,1.000499,9.554840,1.760220,9.767003,79.617363,84.022270

9.2818966,1.014856,9.530911,1.721935,9.738237,79.815292,83.922020

9.2844114,0.995713,9.542876,1.750649,9.753087,79.659546,84.043259

9.2869263,0.998106,9.530911,1.736292,9.739056,79.730331,84.021599

9.2894421,1.043570,9.511769,1.698007,9.718334,79.937523,83.738922

9.2919569,1.036391,9.509377,1.707578,9.716902,79.878693,83.780098

9.2944717,1.065105,9.492328,1.688435,9.699977,79.975693,83.597794

9.2969875,1.091426,9.463614,1.657329,9.669433,80.130844,83.421219

9.2995024,1.156332,9.442079,1.640579,9.653054,80.214836,83.017998

9.3020144,1.156332,9.399008,1.688435,9.619213,79.890648,82.986320

9.3045292,1.110569,9.370294,1.666900,9.581979,79.981743,83.240829

9.3070450,1.194617,9.384650,1.719542,9.615383,79.698242,82.745567

9.3095608,1.247259,9.367901,1.741078,9.609609,79.561447,82.416145

9.3120756,1.271187,9.367901,1.765006,9.617105,79.424690,82.272392

9.3145905,1.309472,9.384650,1.805684,9.646080,79.210953,82.056610

9.3171062,1.342972,9.346365,1.765006,9.605902,79.412216,81.823181

9.3196211,1.398007,9.382257,1.769791,9.649526,79.431725,81.524979

9.3221359,1.441377,9.375079,1.750649,9.645437,79.542847,81.259468

9.3246517,1.450948,9.387043,1.774577,9.662865,79.417610,81.213371

9.3271675,1.503590,9.394221,1.784148,9.679636,79.378525,80.906662

9.3296824,1.546661,9.415757,1.788934,9.708189,79.381386,80.671722

9.3321972,1.549054,9.442079,1.788934,9.734100,79.409981,80.683136

9.3347120,1.572982,9.454042,1.815255,9.754401,79.274963,80.553551

9.3372278,1.611267,9.446864,1.856232,9.761405,79.037857,80.320717

9.3397427,1.596910,9.454042,1.822733,9.759683,79.236153,80.412498

9.3422604,1.587339,9.499506,1.829911,9.803512,79.242142,80.513695

9.3447762,1.628017,9.518948,1.805684,9.824525,79.409203,80.294662

9.3472910,1.656731,9.530911,1.853839,9.849860,79.151680,80.138977

9.3498058,1.606481,9.540483,1.829911,9.846327,79.289474,80.441872

9.3523216,1.565803,9.545269,1.800898,9.839062,79.453377,80.684181

9.3548365,1.568196,9.576375,1.774577,9.864853,79.636711,80.699974

9.3573523,1.577767,9.550055,1.817947,9.848747,79.362968,80.618889

9.3598680,1.561018,9.602696,1.784148,9.890992,79.608040,80.766747

9.3623829,1.546661,9.590733,1.805684,9.881033,79.470459,80.839005

9.3648977,1.505983,9.600304,1.798505,9.882734,79.514626,81.084763

9.3674135,1.505983,9.602696,1.844268,9.893487,79.256516,81.086952

9.3699284,1.525125,9.562018,1.882553,9.864188,78.997765,80.937752

9.3724432,1.501197,9.595518,1.911267,9.898510,78.867043,81.108284

9.3749580,1.472483,9.602696,1.925624,9.903939,78.788567,81.282135

9.3774738,1.470090,9.554840,1.939981,9.860003,78.652878,81.253166

9.3799896,1.436591,9.600304,1.959123,9.902919,78.589737,81.489403

9.3825102,1.479662,9.609875,1.932802,9.913365,78.757065,81.246735

9.3850250,1.446162,9.573982,1.949552,9.876905,78.615921,81.410332

9.3875408,1.417448,9.585947,1.951945,9.884818,78.611008,81.588776

9.3900566,1.417448,9.581161,1.916053,9.873148,78.809769,81.584633

9.3925724,1.398007,9.566804,1.880160,9.849525,78.995361,81.686157

9.3950872,1.342972,9.552447,1.911267,9.833909,78.792969,81.997276

9.3976030,1.345365,9.547662,1.884946,9.824504,78.938545,81.979240

9.4001179,1.378864,9.566804,1.882553,9.847284,78.978645,81.798439

9.4026270,1.335793,9.550055,1.875375,9.823691,78.994499,82.037537

9.4051418,1.304687,9.564411,1.913660,9.840847,78.786766,82.232193

9.4076576,1.328615,9.609875,1.923231,9.890082,78.786789,82.128464

9.4101725,1.266401,9.585947,1.925624,9.859117,78.736931,82.474220

9.4126873,1.256830,9.571589,1.949552,9.848639,78.582809,82.519379

9.4152021,1.244866,9.569197,1.956731,9.846218,78.537346,82.587959

9.4177189,1.266401,9.547662,1.997409,9.836222,78.283653,82.444397

9.4202337,1.256830,9.535697,2.035694,9.831236,78.049660,82.491547

9.4227781,1.271187,9.499506,2.059622,9.802988,77.871704,82.378181

9.4253139,1.287937,9.434899,2.047658,9.740072,77.864151,82.226730

9.4278297,1.266401,9.408579,2.047658,9.711747,77.828217,82.334023

9.4303465,1.242473,9.399008,1.918446,9.672927,78.560600,82.469620

9.4328623,1.228116,9.439685,1.872982,9.701752,78.868813,82.587372

9.4353790,1.197010,9.444471,1.822733,9.692947,79.161148,82.776741

9.4378958,1.091426,9.430114,1.820340,9.666018,79.145027,83.398048

9.4404125,1.019642,9.437292,1.776970,9.657110,79.396790,83.833466

9.4428701,0.943071,9.442079,1.788934,9.656217,79.323570,84.296234

9.4453850,0.880858,9.434899,1.784148,9.642428,79.337059,84.666229

9.4478998,0.837488,9.444471,1.810469,9.652835,79.189674,84.932556

9.4504156,0.789631,9.437292,1.849054,9.649094,78.952087,85.217125

9.4529305,0.756132,9.458828,1.841875,9.666109,79.015129,85.429535

9.4554453,0.758525,9.463614,1.889732,9.680208,78.742661,85.417442

9.4579611,0.732204,9.485149,1.904089,9.702048,78.681877,85.585823

9.4604759,0.705883,9.470792,1.884946,9.682313,78.774010,85.737480

9.4629965,0.667598,9.502198,1.892125,9.711724,78.765274,85.981163

9.4655113,0.674776,9.504591,1.947159,9.725430,78.450577,85.939117

9.4680281,0.677169,9.547662,1.966302,9.771527,78.391235,85.943085

9.4705429,0.636491,9.557233,1.920838,9.769107,78.660408,86.189850

9.4730577,0.619741,9.526126,1.913660,9.736182,78.664635,86.277756

9.4755726,0.631705,9.562018,1.889732,9.767411,78.844460,86.220306

9.4780874,0.624527,9.583553,1.892125,9.788497,78.854523,86.271507

9.4806032,0.617348,9.629018,1.880160,9.830265,78.973534,86.331596

9.4831190,0.610170,9.631411,1.858625,9.828065,79.098915,86.375038

9.4856358,0.595514,9.629018,1.856232,9.824368,79.108978,86.461006

9.4881506,0.610170,9.648160,1.849054,9.842677,79.172028,86.381317

9.4906654,0.597907,9.688838,1.889732,9.889497,78.983910,86.468704

9.4931803,0.593121,9.681660,1.849054,9.874478,79.207321,86.494308

9.4956961,0.634098,9.679267,1.837090,9.872446,79.275749,86.251854

9.4982109,0.595514,9.698409,1.880160,9.896908,79.048698,86.486267

9.5007257,0.600299,9.691231,1.892125,9.892444,78.973106,86.455482

9.5032368,0.617348,9.705587,1.853839,9.900316,79.207626,86.360458

9.5057516,0.626920,9.729516,1.846661,9.923038,79.274826,86.313255

9.5082664,0.641276,9.698409,1.892125,9.902045,78.983932,86.217003

9.5107813,0.631705,9.722338,1.837090,9.914525,79.321800,86.282455

9.5132980,0.597907,9.729516,1.834697,9.919026,79.340767,86.483437

9.5158129,0.593121,9.739087,1.829911,9.927244,79.377800,86.514931

9.5183277,0.590728,9.712767,1.865803,9.907978,79.145638,86.519569

9.5208426,0.607777,9.698409,1.908874,9.903148,78.886436,86.414093

9.5233603,0.562014,9.693624,1.906481,9.895295,78.891624,86.681839

9.5258751,0.581157,9.739087,1.923231,9.944163,78.848549,86.585060

9.5283899,0.585942,9.705587,1.916053,9.910248,78.852203,86.545151

9.5309057,0.624527,9.734302,1.884946,9.934772,79.062843,86.329086

9.5334206,0.646062,9.715159,1.939981,9.928003,78.731621,86.195412

9.5359364,0.691526,9.691231,1.932802,9.906255,78.748894,85.918533

9.5384512,0.672383,9.691231,1.925624,9.903539,78.788109,86.031143

9.5409660,0.679562,9.729516,1.947159,9.945688,78.709755,86.004646

9.5434837,0.715454,9.696016,1.956731,9.917328,78.620636,85.779884

9.5459995,0.756132,9.648160,1.954338,9.873103,78.583145,85.518852

9.5485144,0.768096,9.674481,1.925624,9.894119,78.777290,85.460579

9.5510292,0.796810,9.679267,1.935195,9.902933,78.730949,85.293945

9.5535450,0.811167,9.650553,1.925624,9.874167,78.754318,85.195358

9.5560598,0.808774,9.650553,1.930410,9.874906,78.726860,85.209465

9.5585747,0.835095,9.676874,1.918446,9.900490,78.826958,85.067711

9.5610895,0.839881,9.672089,1.906481,9.893906,78.890045,85.037140

9.5636139,0.854238,9.662517,1.947159,9.893703,78.649643,84.947769

9.5661287,0.871287,9.705587,1.935195,9.934916,78.767700,84.870216

9.5686445,0.895215,9.688838,1.904089,9.914663,78.927689,84.721062

9.5711594,0.938286,9.700802,1.939981,9.937277,78.742271,84.475395

9.5736761,0.955035,9.700802,1.997409,9.950241,78.419777,84.377403

9.5761909,0.990928,9.693624,1.968695,9.941028,78.577789,84.163231

9.5787067,0.998106,9.669696,1.968695,9.918417,78.551399,84.106796

9.5812216,1.029213,9.698409,1.987837,9.953387,78.479729,83.942337

9.5837364,0.959821,9.715159,1.966302,9.958510,78.612152,84.357704

9.5862513,0.947857,9.645767,1.899303,9.876569,78.912727,84.387756

9.5887661,0.945464,9.638589,1.837090,9.857546,79.259346,84.397690

9.5912828,0.907179,9.636196,1.817947,9.848055,79.362213,84.621864

9.5937977,0.897608,9.619446,1.796113,9.826773,79.468422,84.669067

9.5963135,0.871287,9.617053,1.767399,9.816850,79.628067,84.823242

9.5988283,0.876072,9.631411,1.769791,9.831772,79.629807,84.802681

9.6013441,0.859023,9.605089,1.769791,9.804480,79.600624,84.889397

9.6038532,0.854238,9.573982,1.793720,9.777949,79.429489,84.901291

9.6063690,0.842274,9.538090,1.772184,9.737824,79.514320,84.953514

9.6088839,0.847059,9.535697,1.760220,9.733725,79.581467,84.923721

9.6113987,0.830309,9.535697,1.788934,9.737516,79.413742,85.023590

9.6139145,0.799203,9.521340,1.805684,9.723947,79.298370,85.201950

9.6164303,0.782453,9.526126,1.793720,9.725058,79.371338,85.304405

9.6189451,0.789631,9.470792,1.834697,9.679129,79.073364,85.233963

9.6214600,0.741775,9.485149,1.870589,9.696257,78.876839,85.528351

9.6239758,0.780060,9.470792,1.844268,9.680171,79.016853,85.291473

9.6264906,0.775275,9.477970,1.863411,9.690473,78.913368,85.323761

9.6290064,0.756132,9.475577,1.959123,9.705486,78.354408,85.437576

9.6315212,0.753739,9.451650,1.954338,9.680973,78.353424,85.440491

9.6340361,0.734597,9.451650,1.999802,9.688784,78.088310,85.555817

9.6365528,0.720240,9.449257,1.983052,9.681926,78.181038,85.641235

9.6390676,0.624527,9.456435,1.894517,9.664543,78.695244,86.221527

9.6415825,0.545264,9.489935,1.837090,9.681481,79.061630,86.711563

9.6440992,0.495015,9.521340,1.825125,9.707319,79.163010,87.023865

9.6466150,0.490230,9.583553,1.829911,9.769002,79.203690,87.071686

9.6491299,0.466301,9.571589,1.865803,9.762888,78.982323,87.210915

9.6516466,0.523729,9.557233,1.911267,9.760530,78.707611,86.863373

9.6541615,0.514158,9.621839,1.920838,9.825159,78.725952,86.941223

9.6566763,0.523729,9.583553,1.916053,9.787239,78.710266,86.871971

9.6591921,0.502194,9.538090,1.937588,9.745851,78.532524,86.986084

9.6617069,0.518943,9.581161,1.968695,9.795085,78.405258,86.899727

9.6642103,0.518943,9.590733,1.951945,9.801099,78.512405,86.902809

9.6667252,0.528515,9.576375,1.961516,9.789475,78.441406,86.841080

9.6692410,0.566800,9.609875,1.997409,9.831612,78.278084,86.624550

9.6717558,0.590728,9.652946,2.011766,9.878033,78.248901,86.498055

9.6742706,0.590728,9.657731,2.059622,9.892561,77.983170,86.499786

9.6767855,0.658026,9.676874,2.038087,9.911038,78.133148,86.109886

9.6793003,0.643669,9.686445,2.023730,9.916502,78.224525,86.198257

9.6818161,0.677169,9.698409,2.047658,9.935321,78.106171,86.005936

9.6843567,0.701097,9.760623,2.033301,9.994780,78.262024,85.891548

9.6868715,0.686740,9.772886,2.009373,10.000925,78.409317,85.980438

9.6893873,0.698704,9.753445,1.997409,9.980356,78.455208,85.902519

9.6919041,0.763310,9.770494,1.997409,10.001740,78.480225,85.532898

9.6944189,0.713061,9.782457,2.014158,10.013080,78.395622,85.830978

9.6969347,0.734597,9.741480,2.102992,9.992929,77.851395,85.687538

9.6994505,0.780060,9.736694,2.066801,9.984157,78.052925,85.419502

9.7019653,0.765703,9.688838,2.045265,9.931918,78.116142,85.481339

9.7044659,0.763310,9.707980,2.033301,9.947956,78.205978,85.504250

9.7069817,0.801596,9.705587,1.992623,9.940398,78.436310,85.278595

9.7094975,0.794417,9.719945,1.932802,9.942039,78.789917,85.327568

9.7120123,0.784846,9.705587,1.901696,9.921232,78.949188,85.376816

9.7145281,0.799203,9.691231,1.872982,9.902865,79.097672,85.285683

9.7170429,0.799203,9.681660,1.870589,9.893046,79.100830,85.281044

9.7195578,0.801596,9.698409,1.901696,9.915550,78.942780,85.275116

9.7220736,0.765703,9.688838,1.892125,9.901516,78.983337,85.481339

9.7245865,0.808774,9.660124,1.949552,9.888016,78.628883,85.214188

9.7271013,0.789631,9.655338,1.920838,9.876168,78.784935,85.324646

9.7296162,0.794417,9.621839,1.932802,9.846147,78.679298,85.280136

9.7321329,0.777667,9.576375,1.920838,9.798027,78.694321,85.357376

9.7346478,0.775275,9.614660,1.894517,9.830154,78.888138,85.389954

9.7371626,0.741775,9.626625,1.877768,9.836064,78.994316,85.593811

9.7396774,0.789631,9.614660,1.851447,9.823089,79.135963,85.304955

9.7421932,0.787239,9.602696,1.839482,9.808935,79.191254,85.313316

9.7447090,0.744168,9.600304,1.880160,9.810944,78.951546,85.567581

9.7472239,0.760918,9.583553,1.877768,9.795382,78.948029,85.460335

9.7497406,0.765703,9.624231,1.939981,9.847622,78.638420,85.451134

9.7522554,0.777667,9.652946,1.978266,9.884212,78.454620,85.394043

9.7547703,0.792024,9.614660,1.956731,9.843667,78.534332,85.290794

9.7572851,0.811167,9.621839,1.954338,9.851762,78.558083,85.181084

9.7598009,0.830309,9.612267,1.937588,9.840698,78.644531,85.063034

9.7623158,0.844666,9.638589,1.968695,9.873785,78.498940,84.991745

9.7648354,0.847059,9.631411,1.966302,9.866505,78.504517,84.973907

9.7673512,0.959821,9.624231,1.978266,9.872214,78.440392,84.304749

9.7698660,0.957428,9.557233,1.971088,9.805231,78.403145,84.279289

9.7723818,1.002892,9.581161,1.983052,9.835493,78.368172,84.024422

9.7748966,0.993321,9.602696,1.939981,9.846928,78.637611,84.094223

9.7774115,1.014856,9.607482,1.971088,9.859961,78.468407,83.970100

9.7799282,1.038784,9.590733,1.932802,9.838544,78.670441,83.818321

9.7824430,1.072284,9.566804,1.904089,9.813210,78.811745,83.604767

9.7849579,1.077069,9.564411,1.896910,9.810011,78.850784,83.574867

9.7874737,1.043570,9.562018,1.906481,9.805912,78.789063,83.771561

9.7899885,1.093819,9.585947,1.904089,9.834246,78.835991,83.490334

9.7925034,1.093819,9.617053,1.865803,9.857250,79.089096,83.511208

9.7950191,1.057927,9.617053,1.853839,9.851073,79.153030,83.722404

9.7975340,1.029213,9.624231,1.834697,9.851458,79.266792,83.896004

9.8000507,1.060320,9.578768,1.880160,9.818965,78.960686,83.683372

9.8025656,0.986142,9.571589,1.875375,9.803307,78.971329,84.117683

9.8050756,0.974178,9.612267,1.908874,9.848274,78.823715,84.212982

9.8075905,0.914357,9.633803,1.911267,9.864034,78.827637,84.578224

9.8101053,0.892822,9.617053,1.918446,9.847095,78.765587,84.696014

9.8126202,0.871287,9.629018,1.887339,9.850846,78.954323,84.829643

9.8151360,0.825524,9.633803,1.920838,9.858056,78.764061,85.102272

9.8176508,0.772882,9.667302,1.968695,9.895950,78.525055,85.429039

9.8201656,0.751346,9.655338,2.004587,9.889815,78.305573,85.550400

9.8226805,0.746561,9.640982,2.002194,9.874951,78.301895,85.572067

9.8251944,0.696311,9.624231,2.016551,9.857848,78.196083,85.861870

9.8277111,0.715454,9.636196,2.040479,9.875814,78.076012,85.753777

9.8302259,0.703490,9.609875,2.011766,9.843363,78.206917,85.813133

9.8327408,0.736989,9.588340,2.014158,9.825286,78.170647,85.604713

9.8352556,0.741775,9.573982,1.983052,9.805298,78.331848,85.569679

9.8377705,0.760918,9.593125,1.987837,9.826421,78.328796,85.464851

9.8402863,0.770489,9.617053,1.968695,9.846681,78.466850,85.419418

9.8428011,0.775275,9.588340,1.939981,9.813299,78.598152,85.377350

9.8453150,0.806381,9.614660,1.959123,9.845309,78.522064,85.205826

9.8478298,0.823131,9.593125,1.923231,9.818575,78.704048,85.095787

9.8503456,0.849452,9.593125,1.906481,9.817551,78.802521,84.939774

9.8528605,0.851845,9.633803,1.954338,9.866876,78.575844,84.946907

9.8553753,0.914357,9.650553,1.908874,9.879930,78.859985,84.587578

9.8578911,0.935893,9.643374,1.870589,9.867607,79.072388,84.456787

9.8604059,0.974178,9.640982,1.882553,9.871248,79.005737,84.230103

9.8629208,0.988535,9.636196,1.904089,9.872134,78.879379,84.142769

9.8654394,0.998106,9.660124,1.865803,9.889157,79.124725,84.100998

9.8679552,1.050748,9.669696,1.889732,9.908490,79.005287,83.798340

9.8704700,1.048355,9.590733,1.872982,9.827984,79.013573,83.761810

9.8729849,1.091426,9.593125,1.837090,9.828233,79.226929,83.509270

9.8755007,1.100998,9.600304,1.817947,9.832749,79.345459,83.457695

9.8780155,1.100998,9.583553,1.825125,9.817728,79.286331,83.446358

9.8805304,1.108176,9.576375,1.829911,9.812420,79.252029,83.399109

9.8830452,1.134497,9.562018,1.786541,9.793417,79.489098,83.233704

9.8855658,1.173081,9.581161,1.817947,9.822408,79.334106,83.019661

9.8880806,1.175474,9.530911,1.872982,9.784073,78.963654,82.969055

9.8905954,1.216152,9.516555,1.846661,9.770057,79.104851,82.717453

9.8931112,1.237687,9.533304,1.892125,9.797750,78.865181,82.602791

9.8956261,1.192224,9.494720,1.877768,9.751776,78.897987,82.842995

9.8981428,1.185045,9.511769,1.827518,9.757967,79.205635,82.898270

9.9006577,1.216152,9.521340,1.863411,9.777896,79.013725,82.721077

9.9031725,1.268794,9.533304,1.865803,9.796680,79.020798,82.419014

9.9056807,1.247259,9.533304,1.868196,9.794371,79.003922,82.546227

9.9081964,1.261616,9.533304,1.882553,9.798958,78.923607,82.461411

9.9107113,1.302294,9.557233,1.875375,9.826174,78.997314,82.240517

9.9132261,1.345365,9.569197,1.880160,9.844518,78.989693,81.997055

9.9157419,1.347757,9.562018,1.865803,9.835135,79.064255,81.977066

9.9182568,1.359721,9.545269,1.868196,9.820955,79.034058,81.892769

9.9207716,1.407877,9.550055,1.880160,9.834666,78.978531,81.613815

9.9232864,1.386042,9.557233,1.841875,9.831292,79.201927,81.748184

9.9258032,1.376471,9.526126,1.837090,9.798809,79.194191,81.777992

9.9283180,1.374078,9.528519,1.851447,9.803500,79.113991,81.794121

9.9308338,1.347757,9.487542,1.834697,9.756845,79.161461,81.914917

9.9333487,1.326222,9.475577,1.841875,9.743610,79.103577,82.032516

9.9358635,1.347757,9.489935,1.863411,9.764610,78.998596,81.916931

9.9383783,1.314258,9.487542,1.894517,9.763704,78.811539,82.113319

9.9408932,1.295115,9.502198,1.861018,9.768955,79.017845,82.238617

9.9434090,1.283151,9.497113,1.851447,9.760610,79.065567,82.305382

9.9459248,1.287937,9.487542,1.856232,9.752837,79.028107,82.269333

9.9484396,1.285544,9.473185,1.875375,9.742222,78.901299,82.271973

9.9509544,1.273580,9.489935,1.896910,9.761104,78.794205,82.356392

9.9534693,1.256830,9.497113,1.894517,9.765448,78.813568,82.461388

9.9559851,1.283151,9.473185,1.884946,9.743753,78.845711,82.286186

9.9584999,1.326222,9.492328,1.906481,9.772299,78.750000,82.046394

9.9610147,1.285544,9.487542,1.906481,9.762211,78.738220,82.283524

9.9635296,1.268794,9.485149,1.901696,9.756759,78.760498,82.380981

9.9660501,1.304687,9.480363,1.887339,9.754052,78.843307,82.164185

9.9685659,1.285544,9.463614,1.868196,9.731535,78.932022,82.264252

9.9710808,1.311865,9.461221,1.887339,9.736413,78.822838,82.105873

9.9735956,1.342972,9.499506,1.872982,9.775084,78.953377,81.953262

9.9761114,1.309472,9.477970,1.834697,9.742317,79.145103,82.133835

9.9786272,1.307079,9.480363,1.892125,9.755300,78.816101,82.149986

9.9811420,1.297508,9.468399,1.858625,9.735943,78.994484,82.197037

9.9836578,1.302294,9.526126,1.832304,9.787767,79.210373,82.215485

9.9861746,1.271187,9.526126,1.853839,9.787733,79.081978,82.399231

9.9886894,1.264009,9.518948,1.829911,9.775309,79.210732,82.436020

9.9912052,1.297508,9.516555,1.851447,9.781422,79.089119,82.236038

9.9937210,1.285544,9.554840,1.865803,9.819818,79.046989,82.337227

9.9962358,1.259223,9.526126,1.837090,9.783027,79.176552,82.469940

9.9987516,1.266401,9.535697,1.858625,9.797336,79.064301,82.435020

10.0012665,1.302294,9.540483,1.887339,9.812178,78.910240,82.227058

10.0037823,1.287937,9.535697,1.882553,9.804708,78.930183,82.307907

10.0062904,1.316651,9.521340,1.839482,9.786378,79.166039,82.126831

10.0088053,1.319044,9.547662,1.904089,9.824626,78.824913,82.134178

10.0113201,1.347757,9.506984,1.880160,9.784386,78.921173,81.931229

10.0138350,1.338186,9.530911,1.863411,9.803127,79.042358,82.007645

10.0163498,1.345365,9.504591,1.853839,9.776706,79.069511,81.943367

10.0188656,1.369293,9.516555,1.884946,9.797592,78.907784,81.812172

10.0213804,1.359721,9.545269,1.896910,9.826457,78.869690,81.892769

10.0238962,1.369293,9.554840,1.904089,9.838470,78.840843,81.844536

10.0264139,1.366900,9.545269,1.863411,9.821042,79.062592,81.850548

10.0289288,1.328615,9.566804,1.899303,9.843593,78.875114,82.093468

10.0314436,1.326222,9.550055,1.932802,9.833521,78.664574,82.093864

10.0339594,1.290330,9.540483,1.939981,9.820859,78.607048,82.297607

10.0364742,1.321436,9.557233,1.899303,9.833323,78.863350,82.127876

10.0389891,1.350150,9.521340,1.880160,9.798665,78.937523,81.929123

10.0415049,1.319044,9.545269,1.863411,9.814496,79.055206,82.132225

10.0440207,1.307079,9.535697,1.899303,9.810471,78.837074,82.194977

10.0465374,1.280758,9.566804,1.928017,9.842832,78.703850,82.374855

10.0490522,1.302294,9.528519,1.932802,9.809402,78.636330,82.217415

10.0515680,1.256830,9.523733,1.932802,9.798819,78.623894,82.482216

10.0540829,1.223331,9.528519,1.923231,9.797348,78.679253,82.684029

10.0565987,1.220938,9.552447,1.872982,9.810607,78.993874,82.716278

10.0591145,1.206581,9.547662,1.870589,9.803713,79.000282,82.797455

10.0616293,1.213759,9.542876,1.856232,9.797209,79.078415,82.751465

10.0641441,1.216152,9.545269,1.896910,9.807622,78.848038,82.739128

10.0666609,1.206581,9.554840,1.853839,9.807524,79.104279,82.802811

10.0691767,1.168296,9.569197,1.882553,9.822344,78.950310,83.039253

10.0716925,1.163510,9.581161,1.908874,9.838506,78.812477,83.076057

10.0742083,1.182653,9.566804,1.899303,9.824956,78.853745,82.952820

10.0767231,1.165903,9.562018,1.875375,9.813692,78.983147,83.048203

10.0792379,1.146760,9.533304,1.947159,9.797467,78.536652,83.140854

10.0817537,1.149153,9.566804,1.908874,9.822835,78.794395,83.150513

10.0842686,1.144367,9.535697,1.908874,9.791982,78.758629,83.156731

10.0867872,1.175474,9.530911,1.918446,9.792877,78.702568,82.969055

10.0893021,1.170689,9.554840,1.928017,9.817471,78.674278,83.014763

10.0918179,1.120140,9.523733,1.913660,9.778461,78.714294,83.291939

10.0943327,1.156332,9.535697,1.923231,9.796196,78.677902,83.085876

10.0968485,1.170689,9.535697,1.928017,9.798841,78.652458,83.000877

10.0993633,1.177867,9.533304,1.911267,9.794089,78.746811,82.956635

10.1018791,1.151546,9.528519,1.901696,9.784435,78.792702,83.109077

10.1043949,1.151546,9.530911,1.913660,9.789097,78.726715,83.110794

10.1069050,1.197010,9.509377,1.913660,9.773596,78.708603,82.825523

10.1094198,1.170689,9.485149,1.937588,9.751554,78.539330,82.963951

10.1119356,1.165903,9.468399,1.913660,9.729954,78.657280,82.980148

10.1144514,1.168296,9.437292,1.949552,9.707118,78.414070,82.942940

10.1169662,1.180260,9.449257,1.942374,9.718760,78.471336,82.880341

10.1194811,1.158724,9.456435,1.923231,9.719343,78.587181,83.014206

10.1219959,1.170689,9.458828,1.928017,9.724052,78.564011,82.944565

10.1245117,1.137189,9.449257,1.906481,9.706510,78.672737,83.137634

10.1270237,1.146760,9.444471,1.884946,9.698769,78.793304,83.076958

10.1295385,1.156332,9.463614,1.877768,9.717155,78.857925,83.033730

10.1320534,1.146760,9.456435,1.951945,9.723647,78.419647,83.085632

10.1345682,1.149153,9.442079,1.966302,9.712865,78.320145,83.060913

10.1370850,1.141975,9.487542,1.963909,9.755742,78.386543,83.136574

10.1395998,1.144367,9.499506,1.925624,9.760032,78.621063,83.130905

10.1421146,1.165903,9.480363,1.901696,9.739253,78.740028,82.988922

10.1446295,1.144367,9.530911,1.923231,9.790132,78.670799,83.153328

10.1471443,1.163510,9.494720,1.925624,9.757638,78.618240,83.013641

10.1496601,1.165903,9.514162,1.918446,9.775431,78.682144,83.013580

10.1521749,1.161117,9.554840,1.884946,9.807965,78.919662,83.071312

10.1546907,1.156332,9.516555,1.892125,9.771492,78.834877,83.072105

10.1572056,1.192224,9.569197,1.889732,9.826597,78.912506,82.898125

10.1597204,1.158724,9.619446,1.932802,9.879884,78.718468,83.131447

10.1622362,1.175474,9.552447,1.911267,9.812437,78.768127,82.984749

10.1647511,1.180260,9.614660,1.963909,9.883908,78.539192,83.001595

10.1672745,1.161117,9.609875,1.923231,9.868977,78.762489,83.110611

10.1697893,1.165903,9.581161,1.918446,9.840651,78.758133,83.061958

10.1723051,1.156332,9.583553,1.923231,9.842786,78.732201,83.120071

10.1748199,1.120140,9.590733,1.892125,9.839563,78.913101,83.338379

10.1773357,1.141975,9.557233,1.887339,9.808510,78.906044,83.186150

10.1798506,1.153939,9.562018,1.896910,9.816417,78.858154,83.118851

10.1823664,1.129711,9.540483,1.906481,9.794475,78.775803,83.246918

10.1848822,1.103390,9.569197,1.882553,9.814836,78.941750,83.422470

10.1873970,1.124926,9.521340,1.916053,9.777148,78.698456,83.261864

10.1899118,1.124926,9.509377,1.925624,9.767381,78.629745,83.253464

10.1924276,1.127319,9.530911,1.937588,9.790984,78.586098,83.254379

10.1949425,1.098605,9.499506,1.932802,9.756191,78.573524,83.403130

10.1974583,1.091426,9.542876,1.980659,9.807177,78.348396,83.475388

10.1999741,1.089033,9.545269,1.944767,9.802054,78.556358,83.491188

10.2024889,1.084248,9.516555,1.937588,9.772137,78.563789,83.500160

10.2050047,1.108176,9.547662,1.920838,9.801812,78.698746,83.379433

10.2075109,1.117747,9.523733,1.951945,9.785752,78.494148,83.306137

10.2100258,1.069891,9.542876,1.951945,9.799044,78.509964,83.603050

10.2125416,1.072284,9.595518,1.937588,9.847741,78.652763,83.623741

10.2150574,1.050748,9.581161,1.928017,9.829545,78.688377,83.741486

10.2175722,1.045963,9.559626,1.930410,9.808515,78.649544,83.755844

10.2200871,0.995713,9.569197,1.949552,9.816401,78.544807,84.059525

10.2226019,1.045963,9.621839,1.930410,9.869159,78.720207,83.795898

10.2251167,1.024427,9.588340,1.913660,9.830962,78.775345,83.901596

10.2276373,0.966999,9.607482,1.901696,9.841506,78.858528,84.252495

10.2301521,0.962214,9.595518,1.937588,9.836365,78.639465,84.273666

10.2326679,0.966999,9.583553,1.944767,9.826582,78.585304,84.238243

10.2351828,0.981356,9.564411,1.908874,9.802286,78.770599,84.141670

10.2376976,0.959821,9.595518,1.935195,9.835660,78.652855,84.287819

10.2402134,0.955035,9.600304,1.956731,9.844121,78.534874,84.318924

10.2427282,0.976571,9.562018,1.959123,9.809386,78.479454,84.168587

10.2452440,0.955035,9.593125,1.956731,9.837121,78.526604,84.314697

10.2477894,0.966999,9.571589,1.978266,9.821607,78.380005,84.231087

10.2503233,0.964607,9.578768,1.925624,9.817906,78.689034,84.249550

10.2528400,0.959821,9.590733,1.928017,9.829581,78.688416,84.284981

10.2553558,0.952643,9.564411,1.956731,9.808887,78.493126,84.311935

10.2578726,0.978964,9.571589,1.906481,9.808586,78.792160,84.160202

10.2603884,0.957428,9.578768,1.920838,9.816266,78.715599,84.292061

10.2629051,0.962214,9.602696,1.949552,9.845729,78.579391,84.277924

10.2654219,1.022034,9.571589,1.935195,9.818598,78.632874,83.905167

10.2678804,0.983749,9.619446,1.894517,9.853461,78.914757,84.160851

10.2703953,0.962214,9.612267,1.920838,9.849424,78.754089,84.283585

10.2729111,0.964607,9.590733,1.939981,9.832403,78.620598,84.256676

10.2754259,0.959821,9.590733,1.925624,9.829112,78.702095,84.284981

10.2779408,0.966999,9.633803,1.904089,9.867665,78.874283,84.268097

10.2804556,0.974178,9.636196,1.913660,9.872558,78.823250,84.227257

10.2829704,0.971785,9.652946,1.884946,9.883155,79.005013,84.251266

10.2854862,0.962214,9.643374,1.882553,9.872413,79.007050,84.301903

10.2880077,0.974178,9.612267,1.892125,9.845041,78.919350,84.212982

10.2905226,0.998106,9.645767,1.887339,9.879225,78.986450,84.092285

10.2930374,0.955035,9.633803,1.875375,9.860998,79.036652,84.338554

10.2955542,0.983749,9.636196,1.865803,9.864344,79.097038,84.170929

10.2980690,0.969392,9.631411,1.868196,9.858699,79.076553,84.252586

10.3005838,0.976571,9.605089,1.877768,9.835519,78.993698,84.194557

10.3030987,1.002892,9.588340,1.932802,9.832486,78.663368,84.028862

10.3056145,0.986142,9.600304,1.901696,9.836399,78.852669,84.135155

10.3081255,0.993321,9.609875,1.913660,9.848781,78.795921,84.098602

10.3106403,1.012463,9.609875,1.889732,9.846108,78.934753,83.985703

10.3131552,0.978964,9.614660,1.937588,9.856688,78.663200,84.186188

10.3156700,1.007677,9.645767,1.947159,9.891798,78.647423,84.036041

10.3181849,1.012463,9.631411,1.939981,9.876876,78.672516,83.999054

10.3206997,1.002892,9.597911,1.925624,9.840412,78.715240,84.034775

10.3232155,1.010070,9.609875,1.942374,9.856102,78.634140,83.999809

10.3257313,1.024427,9.614660,1.971088,9.867945,78.477859,83.918167

10.3282509,0.995713,9.595518,1.985445,9.849234,78.370415,84.075699

10.3307657,1.036391,9.607482,1.997409,9.867495,78.321312,83.843117

10.3332806,1.048355,9.617053,1.987837,9.876146,78.388374,83.778748

10.3357973,1.048355,9.619446,1.980659,9.877034,78.431946,83.780281

10.3383121,1.026820,9.621839,1.959123,9.872807,78.554466,83.908585

10.3408270,1.024427,9.621839,2.014158,9.883626,78.241478,83.922668

10.3433418,1.029213,9.588340,1.995016,9.847621,78.311623,83.873329

10.3458576,1.024427,9.602696,1.961516,9.854379,78.518578,83.910652

10.3483639,1.005285,9.602696,1.939981,9.848142,78.639030,84.023605

10.3508787,1.010070,9.595518,1.968695,9.847333,78.467621,83.990898

10.3533936,0.976571,9.590733,1.961516,9.837855,78.499031,84.185928

10.3559084,1.000499,9.607482,1.983052,9.860892,78.398552,84.054794

10.3584232,1.014856,9.602696,1.954338,9.851961,78.558319,83.967117

10.3609381,0.983749,9.566804,1.944767,9.811913,78.568008,84.128944

10.3634529,0.981356,9.583553,1.954338,9.829903,78.532295,84.153290

10.3659678,0.998106,9.583553,1.951945,9.831114,78.547951,84.054207

10.3684883,0.971785,9.583553,1.939981,9.826108,78.613213,84.209923

10.3710032,0.928714,9.588340,1.923231,9.823319,78.709579,84.467659

10.3735180,0.933500,9.600304,1.925624,9.835918,78.710014,84.446220

10.3760328,0.940678,9.602696,1.939981,9.841757,78.631561,84.405167

10.3785477,0.933500,9.621839,1.916053,9.855073,78.788979,84.458572

10.3810625,0.959821,9.569197,1.901696,9.803430,78.814697,84.272209

10.3835793,0.947857,9.578768,1.937588,9.818629,78.618668,84.348755

10.3860941,0.971785,9.583553,1.935195,9.825164,78.640572,84.209923

10.3886118,0.962214,9.564411,1.923231,9.803195,78.686096,84.255173

10.3911266,0.935893,9.602696,1.908874,9.835216,78.808685,84.433449

10.3936415,0.926321,9.585947,1.923231,9.820757,78.706596,84.480461

10.3961563,0.976571,9.602696,1.920838,9.841498,78.744911,84.193123

10.3986712,0.959821,9.617053,1.916053,9.852930,78.786514,84.300522

10.4011879,0.969392,9.588340,1.908874,9.824449,78.796265,84.226944

10.4037027,1.010070,9.564411,1.937588,9.810833,78.609505,83.971504

10.4062176,1.033998,9.583553,1.913660,9.827296,78.771103,83.842003

10.4087286,1.005285,9.581161,1.913660,9.821982,78.764954,84.010269

10.4112444,1.007677,9.562018,1.884946,9.797992,78.908241,83.984184

10.4137592,1.024427,9.545269,1.904089,9.787092,78.781502,83.874290

10.4162741,1.048355,9.585947,1.913660,9.831151,78.775566,83.758720

10.4187889,1.043570,9.588340,1.872982,9.825139,79.010353,83.788528

10.4213037,1.041177,9.557233,1.889732,9.797747,78.879440,83.782646

10.4238186,1.077069,9.557233,1.923231,9.808140,78.691872,83.570084

10.4263344,1.055534,9.569197,1.875375,9.808196,78.976891,83.705414

10.4288502,1.086641,9.545269,1.906481,9.794265,78.775558,83.505363

10.4313650,1.060320,9.554840,1.928017,9.804922,78.659592,83.667686

10.4338799,1.086641,9.571589,1.925624,9.823652,78.695732,83.523071

10.4363956,1.091426,9.552447,1.939981,9.808363,78.592339,83.481865

10.4389105,1.069891,9.559626,1.925624,9.810155,78.679977,83.614166

10.4414253,1.084248,9.559626,1.884946,9.803829,78.914925,83.529198

10.4439402,1.053141,9.559626,1.916053,9.806468,78.732689,83.713333

10.4464560,1.053141,9.573982,1.932802,9.823745,78.653145,83.722687

10.4489737,1.048355,9.588340,1.947159,9.840058,78.586937,83.760269

10.4514885,1.069891,9.629018,1.928017,9.878254,78.744881,83.659805

10.4540043,1.055534,9.626625,1.937588,9.876250,78.685951,83.742668

10.4565191,1.053141,9.581161,1.932802,9.830741,78.661324,83.727348

10.4590340,1.029213,9.617053,1.925624,9.861796,78.740028,83.891479

10.4615488,1.045963,9.609875,1.951945,9.861735,78.583992,83.788239

10.4640656,1.077069,9.597911,1.942374,9.851538,78.628807,83.597107

10.4665804,1.050748,9.573982,1.928017,9.822548,78.680214,83.736832

10.4690971,1.026820,9.576375,1.949552,9.826600,78.556854,83.879883

10.4716120,1.069891,9.576375,1.932802,9.827887,78.657990,83.625244

10.4741268,1.065105,9.605089,1.906481,9.850222,78.840141,83.672340

10.4766417,1.036391,9.640982,1.877768,9.876672,79.040123,83.864349

10.4791584,1.019642,9.573982,1.880160,9.809985,78.950455,83.920837

10.4816732,1.029213,9.600304,1.882553,9.837130,78.967125,83.880905

10.4841881,1.055534,9.600304,1.875375,9.838548,79.011322,83.725647

10.4867039,1.041177,9.602696,1.923231,9.848586,78.738922,83.811852

10.4892063,1.024427,9.605089,1.908874,9.846370,78.821526,83.912155

10.4917212,1.014856,9.638589,1.923231,9.880848,78.776169,83.989418

10.4942360,1.005285,9.640982,1.966302,9.890676,78.532997,84.047165

10.4967518,0.988535,9.648160,1.956731,9.894089,78.593552,84.149979

10.4992666,0.976571,9.660124,1.956731,9.904569,78.605782,84.227409

10.5017815,0.971785,9.669696,1.942374,9.910610,78.697479,84.261154

10.5042963,1.014856,9.617053,1.951945,9.865481,78.588387,83.976059

10.5068111,1.022034,9.612267,1.956731,9.862507,78.556534,83.930771

10.5093422,1.017249,9.595518,1.983052,9.850952,78.386681,83.948509

10.5118580,1.036391,9.612267,1.963909,9.865431,78.517433,83.846161

10.5143738,1.045963,9.583553,1.980659,9.841826,78.389984,83.771309

10.5168886,1.053141,9.571589,1.987837,9.832392,78.335983,83.721130

10.5194044,1.079462,9.542876,1.978266,9.805369,78.360489,83.546303

10.5219193,1.100998,9.542876,2.011766,9.814575,78.171829,83.418671

10.5244350,1.108176,9.535697,2.002194,9.806445,78.219009,83.371201

10.5269499,1.096212,9.489935,1.997409,9.759621,78.190376,83.410789

10.5294657,1.084248,9.511769,2.028515,9.785919,78.036461,83.496918

10.5319815,1.091426,9.494720,2.011766,9.766685,78.112984,83.442581

10.5344973,1.100998,9.511769,2.033301,9.788783,78.011375,83.397331

10.5370121,1.084248,9.523733,2.011766,9.794094,78.146736,83.505020

10.5395279,1.086641,9.509377,2.038087,9.785849,77.979080,83.481064

10.5420427,1.089033,9.528519,2.002194,9.797318,78.207878,83.479843

10.5445576,1.139582,9.533304,1.997409,9.806741,78.247932,83.183388

10.5470734,1.096212,9.538090,1.990230,9.804992,78.288651,83.443764

10.5495911,1.069891,9.511769,1.973480,9.773078,78.350143,83.582306

10.5521059,1.072284,9.518948,2.014158,9.788615,78.125694,83.572884

10.5546217,1.086641,9.540483,2.016551,9.811629,78.139671,83.502136

10.5571365,1.067498,9.554840,1.990230,9.818123,78.304535,83.625160

10.5596523,1.022034,9.576375,1.968695,9.829917,78.446907,83.908195

10.5621672,1.036391,9.545269,1.918446,9.791154,78.700554,83.803307

10.5646820,1.033998,9.583553,1.963909,9.837205,78.484032,83.842003

10.5671988,1.033998,9.626625,1.966302,9.879646,78.520020,83.869347

10.5697126,1.048355,9.645767,1.947159,9.896025,78.652344,83.797127

10.5722275,1.077069,9.576375,1.944767,9.831030,78.590538,83.582825

10.5747433,1.069891,9.581161,1.983052,9.842550,78.376633,83.628403

10.5772581,1.041177,9.590733,1.968695,9.845911,78.465935,83.804192

10.5797739,1.036391,9.595518,1.935195,9.843427,78.661926,83.835503

10.5822887,1.014856,9.633803,1.975873,9.886565,78.471558,83.986458

10.5848036,1.014856,9.612267,1.944767,9.859398,78.623802,83.973083

10.5873203,0.995713,9.602696,1.973480,9.853824,78.446922,84.080101

10.5898428,0.986142,9.609875,1.985445,9.862259,78.385994,84.140953

10.5923595,0.988535,9.614660,1.937588,9.857644,78.664314,84.129738

10.5948744,0.964607,9.626625,1.951945,9.869776,78.593414,84.277954

10.5973902,0.981356,9.593125,1.980659,9.844497,78.393181,84.159081

10.5999060,0.976571,9.573982,1.968695,9.822962,78.438614,84.175827

10.6024208,1.000499,9.581161,1.983052,9.835250,78.367882,84.038574

10.6049366,1.000499,9.600304,1.959123,9.849112,78.526558,84.050377

10.6074514,0.998106,9.581161,1.973480,9.833080,78.422218,84.052734

10.6099596,1.012463,9.559626,1.944767,9.807836,78.563194,83.954323

10.6124744,0.974178,9.550055,1.971088,9.799885,78.396736,84.175545

10.6149902,0.955035,9.564411,1.973480,9.812475,78.397568,84.297745

10.6175051,0.938286,9.559626,1.951945,9.801883,78.513336,84.394325

10.6200209,0.969392,9.535697,1.963909,9.783976,78.420517,84.195290

10.6225367,0.959821,9.535697,1.973480,9.784958,78.364479,84.252220

10.6250515,0.962214,9.523733,1.954338,9.769687,78.460640,84.230797

10.6275673,1.000499,9.516555,1.949552,9.765581,78.484383,83.998398

10.6300802,0.983749,9.535697,1.916053,9.775916,78.697014,84.109924

10.6325951,0.986142,9.545269,1.937588,9.789734,78.584625,84.101578

10.6351109,1.000499,9.518948,1.963909,9.770788,78.404671,83.999901

10.6376257,1.007677,9.504591,1.942374,9.753229,78.512634,83.948105

10.6401415,0.986142,9.502198,1.932802,9.746793,78.562355,84.075027

10.6426573,1.036391,9.535697,1.980659,9.794214,78.332756,83.797134

10.6451721,1.043570,9.502198,1.973480,9.760913,78.335419,83.732666

10.6476870,1.000499,9.526126,1.980659,9.781160,78.316963,84.004387

10.6502008,1.031606,9.521340,1.978266,9.779246,78.328964,83.816315

10.6527166,1.096212,9.485149,1.990230,9.753499,78.225937,83.407494

10.6552315,1.057927,9.518948,1.980659,9.780214,78.315819,83.658226

10.6577463,1.041177,9.530911,1.995016,9.792977,78.245476,83.765610

10.6602631,1.067498,9.535697,1.947159,9.790837,78.528778,83.612473

10.6627779,1.081855,9.557233,1.935195,9.811019,78.623978,83.541748

10.6652927,1.100998,9.609875,1.959123,9.869146,78.550163,83.464157

10.6678085,1.093819,9.588340,1.987837,9.853131,78.360878,83.491943

10.6703224,1.105783,9.583553,1.949552,9.842155,78.575188,83.418121

10.6728373,1.146760,9.566804,1.944767,9.829594,78.588852,83.164642

10.6753521,1.124926,9.609875,1.935195,9.867124,78.689514,83.323380

10.6778679,1.093819,9.617053,1.920838,9.867815,78.775322,83.511208

10.6803827,1.108176,9.624231,1.930410,9.878277,78.730759,83.431641

10.6828985,1.132104,9.640982,1.925624,9.896374,78.779884,83.302643

10.6854143,1.141975,9.621839,1.935195,9.880733,78.705299,83.231476

10.6879292,1.117747,9.617053,1.923231,9.870962,78.764786,83.370514

10.6904516,1.127319,9.595518,1.901696,9.846891,78.864700,83.299385

10.6929665,1.177867,9.590733,1.961516,9.859872,78.525055,82.998390

10.6954813,1.149153,9.550055,1.985445,9.821715,78.337379,83.138618

10.6979971,1.115354,9.550055,1.961516,9.813007,78.469505,83.338585

10.7005119,1.175474,9.521340,1.963909,9.792579,78.430832,82.962059

10.7030277,1.144367,9.535697,1.980659,9.806228,78.347252,83.156731

10.7055426,1.144367,9.535697,1.963909,9.802858,78.443130,83.156731

10.7080584,1.115354,9.509377,1.980659,9.777284,78.312271,83.310349

10.7105656,1.112962,9.511769,1.935195,9.770231,78.575844,83.326233

10.7130814,1.115354,9.502198,1.930410,9.760240,78.592651,83.305336

10.7155962,1.091426,9.499506,1.925624,9.753966,78.613899,83.445854

10.7181110,1.077069,9.518948,1.939981,9.774148,78.551865,83.544434

10.7206268,1.093819,9.521340,1.959123,9.782153,78.446945,83.446548

10.7231426,1.081855,9.485149,1.925624,9.738916,78.596062,83.493088

10.7256575,1.081855,9.511769,1.959123,9.771506,78.434181,83.511147

10.7281723,1.031606,9.530911,1.944767,9.781851,78.532402,83.822472

10.7306862,1.029213,9.573982,1.954338,9.825469,78.527046,83.864212

10.7332010,1.060320,9.569197,1.937588,9.820797,78.621216,83.677109

10.7357168,1.022034,9.600304,1.916053,9.842848,78.774879,83.923264

10.7382317,1.038784,9.607482,1.961516,9.860544,78.525848,83.829018

10.7407465,1.010070,9.590733,1.947159,9.838386,78.584969,83.987923

10.7432623,1.026820,9.557233,1.975873,9.813212,78.384186,83.867722

10.7457771,1.060320,9.540483,1.961516,9.797583,78.451103,83.658234

10.7482929,1.077069,9.597911,1.978266,9.858677,78.424301,83.597107

10.7508087,1.096212,9.552447,1.968695,9.814616,78.428650,83.453537

10.7533245,1.081855,9.557233,1.966302,9.817202,78.445992,83.541748

10.7558393,1.096212,9.530911,1.959123,9.791738,78.458405,83.438873

10.7583542,1.093819,9.516555,2.004587,9.786707,78.180595,83.443275

10.7608700,1.060320,9.547662,1.983052,9.808905,78.336205,83.662964

10.7633858,1.060320,9.545269,1.980659,9.806092,78.347084,83.661385

10.7659006,1.096212,9.530911,1.973480,9.794620,78.376122,83.438873

10.7684155,1.053141,9.542876,1.959123,9.798661,78.466675,83.702385

10.7709293,1.041177,9.542876,1.939981,9.793572,78.574875,83.773361

10.7734442,1.060320,9.526126,1.997409,9.790863,78.228600,83.648750

10.7759590,1.089033,9.516555,2.018944,9.789124,78.097694,83.471718

10.7784748,1.060320,9.530911,1.963909,9.788743,78.426239,83.651917

10.7809906,1.067498,9.566804,1.928017,9.817359,78.674149,83.633072

10.7835054,1.031606,9.576375,1.949552,9.827101,78.557449,83.851578

10.7860203,1.010070,9.578768,1.937588,9.824830,78.625946,83.980469

10.7885361,0.976571,9.552447,1.939981,9.796247,78.578041,84.162788

10.7910624,1.019642,9.564411,1.937588,9.811823,78.610664,83.914803

10.7935781,1.024427,9.573982,1.971088,9.828315,78.430763,83.892525

10.7960930,1.038784,9.581161,1.959123,9.834423,78.509186,83.812195

10.7986088,1.029213,9.593125,1.904089,9.834271,78.836021,83.876358

10.8011236,1.045963,9.576375,1.937588,9.826253,78.627617,83.766678

10.8036404,0.998106,9.629018,1.990230,9.883078,78.382469,84.082077

10.8061552,1.007677,9.636196,2.004587,9.893941,78.310516,84.030159

10.8086710,1.033998,9.593125,1.987837,9.851330,78.358719,83.848106

10.8111763,1.036391,9.605089,2.004587,9.866621,78.277695,83.841599

10.8136930,1.024427,9.621839,1.990230,9.878778,78.377342,83.922668

10.8162079,1.000499,9.643374,2.023730,9.904098,78.209572,84.076759

10.8187227,0.986142,9.633803,1.968695,9.882227,78.508904,84.155403

10.8212376,1.010070,9.612267,1.978266,9.865569,78.432503,84.001297

10.8237534,1.012463,9.617053,1.985445,9.871919,78.397514,83.990158

10.8262682,1.014856,9.590733,1.973480,9.844120,78.435379,83.959648

10.8287830,1.017249,9.619446,2.002194,9.878123,78.305710,83.963455

10.8312988,1.031606,9.619446,1.971088,9.873355,78.484261,83.878899

10.8338146,1.062712,9.605089,1.983052,9.865069,78.403534,83.686440

10.8363304,1.062712,9.585947,1.992623,9.848364,78.326736,83.673935

10.8388453,1.067498,9.585947,2.014158,9.853261,78.204720,83.645683

10.8413601,1.079462,9.562018,1.997409,9.827872,78.273560,83.559113

10.8438759,1.060320,9.535697,2.006980,9.802131,78.185173,83.655075

10.8463907,1.033998,9.542876,2.006980,9.806305,78.190277,83.815964

10.8489056,1.077069,9.562018,1.944767,9.817046,78.574066,83.573273

10.8514233,1.036391,9.557233,2.018944,9.822980,78.139313,83.810997

10.8539391,1.024427,9.547662,1.966302,9.801716,78.427490,83.875816

10.8564539,1.069891,9.588340,1.985445,9.850021,78.371361,83.633133

10.8589687,1.036391,9.571589,1.961516,9.825323,78.484161,83.820213

10.8614845,1.012463,9.547662,1.944767,9.796175,78.549393,83.946800

10.8639994,1.000499,9.535697,1.978266,9.789998,78.341957,84.010361

10.8665142,0.962214,9.523733,1.968695,9.772570,78.378174,84.230797

10.8690310,0.988535,9.530911,1.966302,9.781708,78.403488,84.078522

10.8715458,1.005285,9.506984,1.980659,9.763009,78.294937,83.963875

10.8740606,0.998106,9.523733,1.987837,9.780042,78.272659,84.017128

10.8765764,0.947857,9.538090,1.951945,9.781803,78.489441,84.324806

10.8790913,0.950250,9.487542,1.963909,9.735162,78.361649,84.280464

10.8816061,0.938286,9.504591,2.006980,9.759385,78.132675,84.362076

10.8841219,0.947857,9.518948,1.973480,9.767467,78.343353,84.313469

10.8866377,0.964607,9.468399,1.973480,9.719859,78.285454,84.182983

10.8891525,0.945464,9.492328,1.973480,9.741294,78.311592,84.311928

10.8916740,0.911965,9.494720,1.978266,9.741404,78.282982,84.513588

10.8941898,0.943071,9.463614,1.966302,9.711627,78.318634,84.309128

10.8967056,0.955035,9.480363,1.987837,9.733493,78.215775,84.247528

10.8992214,0.974178,9.494720,1.997409,9.751327,78.180183,84.141838

10.9017363,0.969392,9.492328,2.004587,9.749993,78.135445,84.168953

10.9042521,0.962214,9.542876,2.016551,9.800961,78.126572,84.242294

10.9067669,0.966999,9.550055,2.009373,9.806947,78.176773,84.218170

10.9092827,0.976571,9.530911,1.985445,9.784373,78.292236,84.149689

10.9117918,0.964607,9.521340,2.006980,9.778259,78.155914,84.215103

10.9143076,0.983749,9.562018,1.980659,9.814426,78.357117,84.126022

10.9168224,0.978964,9.526126,1.990230,9.780923,78.259415,84.132530

10.9193382,1.007677,9.573982,1.963909,9.825146,78.469704,83.991646

10.9218540,0.986142,9.566804,1.959123,9.815007,78.486145,84.114761

10.9243689,1.000499,9.585947,1.973480,9.837988,78.428070,84.041534

10.9268847,1.007677,9.588340,2.002194,9.846850,78.268044,84.000580

10.9293995,1.038784,9.530911,1.997409,9.793211,78.231461,83.779823

10.9319153,0.990928,9.585947,2.011766,9.844771,78.208626,84.098129

10.9344301,1.019642,9.578768,1.983052,9.834885,78.367447,83.923859

10.9369459,0.976571,9.583553,1.999802,9.838567,78.272255,84.181602

10.9394617,0.950250,9.617053,2.018944,9.872528,78.199699,84.356987

10.9419775,0.955035,9.578768,2.006980,9.833253,78.223106,84.306236

10.9444923,0.926321,9.545269,2.009373,9.798358,78.166260,84.457085

10.9470072,0.878465,9.562018,2.026123,9.813718,78.085129,84.750954

10.9495230,0.950250,9.562018,2.014158,9.817943,78.161674,84.324722

10.9520378,0.935893,9.557233,1.947159,9.798368,78.537720,84.407135

10.9545527,0.914357,9.569197,1.999802,9.818594,78.248055,84.541840

10.9570694,0.940678,9.535697,2.004587,9.789421,78.183922,84.366112

10.9595842,0.952643,9.554840,2.016551,9.811675,78.139725,84.306274

10.9620991,0.962214,9.571589,2.009373,9.827450,78.201797,84.259453

10.9646149,0.947857,9.583553,2.021337,9.840158,78.146080,84.351555

10.9671297,0.957428,9.564411,2.030908,9.824419,78.069771,84.283554

10.9696445,0.998106,9.559626,2.009373,9.819381,78.191963,84.039429

10.9721613,0.988535,9.562018,2.021337,9.823197,78.125313,84.097649

10.9746780,0.981356,9.564411,2.050051,9.830754,77.963516,84.141670

10.9771929,1.017249,9.600304,2.083550,9.876326,77.821144,83.951508

10.9797087,1.050748,9.600304,2.028515,9.868373,78.137878,83.753868

10.9822235,1.048355,9.595518,2.045265,9.866921,78.036705,83.764900

10.9847383,1.045963,9.595518,2.040479,9.865676,78.063583,83.779015

10.9872541,1.029213,9.552447,2.021337,9.818062,78.119019,83.850479

10.9897690,1.072284,9.569197,2.066801,9.848400,77.885757,83.606346

10.9922915,1.079462,9.542876,2.057229,9.821605,77.909317,83.546303

10.9948072,1.108176,9.540483,2.054837,9.821976,77.924057,83.374489

10.9973221,1.072284,9.559626,2.047658,9.835097,77.983170,83.599998

10.9998388,1.069891,9.540483,1.983052,9.802958,78.329025,83.601456

11.0023537,1.091426,9.480363,1.980659,9.746358,78.274658,83.432739

11.0048695,1.091426,9.533304,1.995016,9.800775,78.254959,83.468895

11.0073853,1.065105,9.571589,1.971088,9.830309,78.433144,83.650375

11.0099001,1.089033,9.533304,1.983052,9.798080,78.323135,83.483086

11.0124092,1.100998,9.521340,2.002194,9.791675,78.200981,83.403915

11.0149250,1.081855,9.511769,2.011766,9.782196,78.132103,83.511147

11.0174398,1.103390,9.521340,1.992623,9.789991,78.256142,83.389702

11.0199556,1.031606,9.511769,1.971088,9.768477,78.358910,83.810143

11.0224705,1.060320,9.518948,1.963909,9.777095,78.412254,83.644005

11.0249863,1.098605,9.511769,1.959123,9.773375,78.436424,83.411560

11.0275021,1.117747,9.506984,1.939981,9.767069,78.543457,83.294449

11.0300169,1.096212,9.523733,1.930410,9.779041,78.614883,83.433968

11.0325336,1.079462,9.521340,1.925624,9.773904,78.637428,83.531830

11.0350485,1.105783,9.535697,1.983052,9.802284,78.328217,83.385384

11.0375643,1.041177,9.526126,2.002194,9.789786,78.198677,83.762505

11.0400791,1.014856,9.535697,1.999802,9.795849,78.220383,83.925049

11.0425959,1.036391,9.521340,1.992623,9.782667,78.247223,83.787849

11.0451107,0.983749,9.538090,1.997409,9.794517,78.233055,84.111389

11.0476265,0.957428,9.550055,1.995016,9.803076,78.257759,84.275017

11.0501413,0.962214,9.557233,2.026123,9.816910,78.089058,84.250885

11.0526571,0.957428,9.564411,2.011766,9.820480,78.179039,84.283554

11.0551729,0.919143,9.562018,2.009373,9.814000,78.185394,84.509346

11.0576887,0.916750,9.583553,2.033301,9.839677,78.074303,84.535789

11.0602045,0.890429,9.590733,2.011766,9.839828,78.202621,84.695709

11.0627193,0.900000,9.566804,2.021337,9.819345,78.120590,84.625694

11.0652342,0.883251,9.607482,2.033301,9.859927,78.099152,84.747353

11.0677500,0.878465,9.597911,2.038087,9.851162,78.059959,84.770477

11.0702648,0.844666,9.583553,2.033301,9.833223,78.066360,84.963135

11.0727921,0.818345,9.590733,2.028515,9.837008,78.099503,85.122955

11.0753069,0.849452,9.578768,2.026123,9.827489,78.102066,84.932228

11.0778236,0.876072,9.602696,2.023730,9.852653,78.147118,84.787231

11.0803394,0.837488,9.545269,2.030908,9.794802,78.033165,84.985794

11.0828552,0.854238,9.552447,2.033301,9.803739,78.029938,84.889854

11.0853701,0.837488,9.600304,2.016551,9.845491,78.181053,85.014389

11.0878859,0.854238,9.609875,2.002194,9.853334,78.275871,84.920235

11.0904016,0.842274,9.566804,1.997409,9.809322,78.251068,84.968582

11.0929089,0.815953,9.583553,1.939981,9.811921,78.596527,85.133522

11.0954247,0.818345,9.573982,1.925624,9.799941,78.668022,85.114464

11.0979395,0.818345,9.569197,1.980659,9.806234,78.347260,85.112030

11.1004553,0.820738,9.569197,1.935195,9.797353,78.607895,85.097809

11.1029701,0.815953,9.571589,1.939981,9.800237,78.582748,85.127464

11.1054869,0.873679,9.550055,1.944767,9.785141,78.536308,84.772888

11.1080017,0.823131,9.600304,1.980659,9.836990,78.384201,85.099442

11.1105175,0.827917,9.564411,1.944767,9.795178,78.548210,85.052681

11.1130238,0.847059,9.547662,1.985445,9.788633,78.297409,84.930046

11.1155396,0.885643,9.554840,1.966302,9.795186,78.419662,84.704353

11.1180544,0.849452,9.542876,1.978266,9.782719,78.333160,84.913269

11.1205702,0.885643,9.523733,2.006980,9.773117,78.149590,84.687157

11.1230850,0.909572,9.552447,1.968695,9.795527,78.405785,84.560768

11.1255999,0.916750,9.559626,1.983052,9.806088,78.332809,84.522194

11.1281157,0.897608,9.511769,1.963909,9.753789,78.384186,84.609070

11.1306305,0.933500,9.516555,1.968695,9.762786,78.366364,84.397652

11.1331491,0.955035,9.514162,1.975873,9.763988,78.324806,84.267830

11.1356640,0.971785,9.516555,1.961516,9.765078,78.412132,84.169441

11.1381798,0.998106,9.542876,1.947159,9.790512,78.528397,84.029045

11.1406946,0.964607,9.540483,1.949552,9.785296,78.507896,84.226631

11.1432104,0.959821,9.571589,1.949552,9.815158,78.543335,84.273628

11.1457253,1.010070,9.559626,1.939981,9.806642,78.590309,83.968506

11.1482410,0.990928,9.547662,1.925624,9.790190,78.656586,84.074631

11.1507568,0.976571,9.588340,1.963909,9.835999,78.482605,84.184486

11.1532698,0.974178,9.583553,1.973480,9.833013,78.422134,84.195763

11.1557856,0.978964,9.573982,1.954338,9.820333,78.520966,84.161652

11.1583004,0.986142,9.619446,1.951945,9.864902,78.587708,84.146744

11.1608152,0.966999,9.595518,1.935195,9.836363,78.653679,84.245377

11.1633310,0.988535,9.585947,1.942374,9.830585,78.604240,84.112282

11.1658459,1.014856,9.619446,1.911267,9.859848,78.822830,83.977547

11.1683607,0.998106,9.621839,1.944767,9.867022,78.632713,84.077698

11.1708775,0.959821,9.600304,1.961516,9.845539,78.508125,84.290642

11.1733932,0.993321,9.621839,1.923231,9.862317,78.754807,84.105888

11.1759090,1.014856,9.614660,1.932802,9.859379,78.694695,83.974571

11.1784239,0.955035,9.614660,1.899303,9.846885,78.878883,84.327354

11.1809397,0.974178,9.593125,1.901696,9.828200,78.843254,84.201515

11.1834545,0.995713,9.593125,1.875375,9.825300,78.996323,84.074234

11.1859703,0.966999,9.583553,1.884946,9.814918,78.927612,84.238243

11.1884861,0.933500,9.571589,1.829911,9.789552,79.226624,84.429665

11.1910009,0.969392,9.576375,1.851447,9.801762,79.112038,84.219780

11.1935215,0.945464,9.590733,1.892125,9.821211,78.892120,84.369919

11.1960363,0.931107,9.564411,1.923231,9.800191,78.682579,84.439705

11.1985531,0.928714,9.595518,1.954338,9.836458,78.540039,84.471779

11.2010679,0.935893,9.633803,1.925624,9.868844,78.748177,84.451309

11.2035837,0.962214,9.614660,1.899303,9.847584,78.879684,84.284996

11.2060986,0.952643,9.629018,1.916053,9.863913,78.799156,84.349854

11.2086143,0.923929,9.617053,1.942374,9.854652,78.632446,84.512329

11.2111301,0.938286,9.602696,1.904089,9.834517,78.836296,84.419312

11.2136374,0.947857,9.585947,1.935195,9.825161,78.640564,84.352959

11.2161531,0.959821,9.571589,1.942374,9.813735,78.584412,84.273628

11.2186680,0.931107,9.576375,1.920838,9.811399,78.709930,84.446609

11.2211828,0.931107,9.566804,1.875375,9.793249,78.959862,84.441086

11.2236977,0.957428,9.557233,1.928017,9.796663,78.649910,84.279289

11.2262144,0.952643,9.540483,1.963909,9.786995,78.424141,84.297768

11.2287292,0.892822,9.566804,1.935195,9.801319,78.612564,84.668312

11.2312441,0.895215,9.554840,1.954338,9.793662,78.489281,84.647453

11.2337599,0.871287,9.528519,1.966302,9.768222,78.387253,84.775414

11.2362747,0.844666,9.590733,1.928017,9.819005,78.676071,84.966881

11.2387905,0.897608,9.585947,1.944767,9.822331,78.580299,84.650543

11.2413054,0.888036,9.593125,1.959123,9.831319,78.505508,84.711197

11.2438211,0.880858,9.609875,1.999802,9.855192,78.292320,84.762802

11.2463369,0.904786,9.617053,1.973480,9.859055,78.453140,84.625351

11.2488518,0.885643,9.612267,1.973480,9.852648,78.445526,84.735817

11.2513666,0.876072,9.619446,2.014158,9.867020,78.221405,84.796257

11.2538853,0.892822,9.640982,1.949552,9.876558,78.615517,84.709106

11.2564001,0.871287,9.602696,1.951945,9.837734,78.555763,84.815544

11.2589169,0.844666,9.609875,2.002194,9.852509,78.274872,84.976860

11.2614317,0.866202,9.660124,1.990230,9.900975,78.403763,84.876122

11.2639465,0.851845,9.638589,1.966302,9.873924,78.513275,84.949402

11.2664623,0.863809,9.626625,1.995016,9.869051,78.337364,84.872513

11.2689772,0.885643,9.614660,1.980659,9.856422,78.407417,84.737114

11.2714930,0.849452,9.655338,1.971088,9.891022,78.505112,84.972206

11.2740097,0.856631,9.612267,1.939981,9.843426,78.633514,84.907341

11.2765245,0.866202,9.643374,1.944767,9.875581,78.642693,84.867264

11.2790403,0.849452,9.626625,1.935195,9.855885,78.676445,84.957291

11.2815552,0.863809,9.619446,1.920838,9.847310,78.751640,84.868706

11.2840710,0.859023,9.626625,1.904089,9.850655,78.854820,84.900764

11.2865858,0.895215,9.648160,1.901696,9.874454,78.896179,84.698929

11.2891006,0.873679,9.636196,1.856232,9.852166,79.140076,84.819359

11.2916174,0.868595,9.609875,1.906481,9.835589,78.823326,84.835320

11.2941389,0.856631,9.597911,1.870589,9.815948,79.014160,84.899765

11.2966547,0.878465,9.597911,1.865803,9.816966,79.043770,84.770477

11.2991695,0.859023,9.581161,1.870589,9.799779,78.995811,84.876701

11.3016863,0.863809,9.578768,1.861018,9.796037,79.048584,84.847031

11.3042021,0.876072,9.605089,1.913660,9.832972,78.777672,84.788521

11.3067169,0.911965,9.636196,1.904089,9.864761,78.870964,84.593658

11.3092327,0.897608,9.652946,1.896910,9.878428,78.928986,84.687462

11.3117476,0.909572,9.657731,1.944767,9.893494,78.663528,84.619713

11.3142405,0.909572,9.672089,1.947159,9.907979,78.666214,84.627655

11.3167562,0.935893,9.710373,1.944767,9.947330,78.725693,84.494797

11.3192711,0.935893,9.664909,1.944767,9.902953,78.674507,84.469063

11.3217859,0.923929,9.645767,1.923231,9.878932,78.773964,84.528564

11.3243008,0.895215,9.645767,1.930410,9.877687,78.730080,84.697624

11.3268156,0.916750,9.629018,1.906481,9.858656,78.849808,84.561432

11.3293304,0.923929,9.581161,1.935195,9.818211,78.632416,84.491898

11.3318462,0.911965,9.564411,1.904089,9.794651,78.790276,84.553329

11.3343792,0.919143,9.530911,1.918446,9.765426,78.670395,84.491539

11.3368940,0.962214,9.487542,1.942374,9.732016,78.487251,84.208939

11.3394098,0.974178,9.514162,1.908874,9.752543,78.712578,84.153725

11.3419247,1.002892,9.528519,1.963909,9.780358,78.416176,83.991646

11.3444405,0.976571,9.511769,1.908874,9.750448,78.710121,84.138000

11.3469563,1.043570,9.521340,1.939981,9.772844,78.550316,83.745163

11.3494711,1.038784,9.511769,1.880160,9.751299,78.883110,83.767403

11.3519869,1.053141,9.542876,1.870589,9.781344,78.974815,83.702385

11.3545055,1.053141,9.550055,1.877768,9.789722,78.941559,83.707085

11.3570223,1.045963,9.581161,1.877768,9.819302,78.975288,83.769768

11.3595371,1.050748,9.597911,1.877768,9.836157,78.994423,83.752327

11.3620529,1.029213,9.624231,1.889732,9.861856,78.952644,83.896004

11.3645687,1.055534,9.648160,1.884946,9.887071,79.009422,83.756523

11.3670835,1.014856,9.667302,1.928017,9.909789,78.781166,84.007141

11.3695993,1.017249,9.669696,1.935195,9.913768,78.743431,83.994591

11.3721142,1.041177,9.660124,1.901696,9.900429,78.925674,83.848358

11.3746271,0.976571,9.696016,1.911267,9.930728,78.903625,84.248634

11.3771429,0.981356,9.696016,1.937588,9.936299,78.755219,84.220642

11.3796587,1.010070,9.681660,1.882553,9.914575,79.054375,84.043983

11.3821735,1.005285,9.681660,1.904089,9.918200,78.931686,84.071999

11.3846893,0.995713,9.703195,1.894517,9.936429,79.008476,84.140984

11.3872042,0.966999,9.676874,1.870589,9.903337,79.112297,84.293442

11.3897200,1.007677,9.688838,1.892125,9.923162,79.007668,84.062363

11.3922348,0.990928,9.703195,1.899303,9.936865,78.980850,84.168953

11.3947239,1.014856,9.688838,1.882553,9.922072,79.062744,84.020370

11.3972387,1.053141,9.638589,1.877768,9.876108,79.039490,83.764427

11.3997536,1.041177,9.636196,1.892125,9.875245,78.953667,83.833199

11.4022675,1.024427,9.607482,1.920838,9.851029,78.755943,83.913658

11.4047823,1.026820,9.590733,1.884946,9.827998,78.942528,83.888977

11.4072971,1.055534,9.602696,1.899303,9.845470,78.877266,83.727196

11.4098120,1.041177,9.600304,1.896910,9.841146,78.886513,83.810318

11.4123268,1.019642,9.569197,1.877768,9.804856,78.958847,83.917824

11.4148750,1.033998,9.566804,1.889732,9.806323,78.889290,83.831306

11.4173908,1.062712,9.521340,1.870589,9.761373,78.951973,83.631363

11.4199057,1.043570,9.569197,1.904089,9.812448,78.810867,83.776199

11.4224215,1.031606,9.581161,1.925624,9.827048,78.699692,83.854622

11.4249372,1.072284,9.542876,1.918446,9.792687,78.702347,83.588860

11.4274530,1.077069,9.559626,1.913660,9.808599,78.749420,83.571678

11.4299688,1.055534,9.552447,1.913660,9.799260,78.738556,83.694466

11.4324846,1.019642,9.487542,1.928017,9.735007,78.577057,83.865875

11.4349985,1.029213,9.521340,1.863411,9.756408,78.989227,83.830544

11.4375134,1.033998,9.487542,1.870589,9.725313,78.910492,83.780174

11.4400291,1.007677,9.502198,1.875375,9.737772,78.896164,83.946594

11.4425440,1.029213,9.535697,1.904089,9.778259,78.771240,83.839760

11.4450607,1.048355,9.557233,1.880160,9.796671,78.935242,83.740120

11.4475765,1.022034,9.535697,1.880160,9.772875,78.907959,83.882401

11.4500914,1.038784,9.528519,1.904089,9.772272,78.764267,83.778275

11.4526072,1.038784,9.562018,1.892125,9.802622,78.870789,83.799904

11.4551258,1.019642,9.564411,1.896910,9.803871,78.843719,83.914803

11.4576426,1.036391,9.542876,1.887339,9.782773,78.876480,83.801765

11.4601583,1.067498,9.559626,1.877768,9.800612,78.954002,83.628326

11.4626732,1.043570,9.562018,1.904089,9.805447,78.802773,83.771561

11.4651890,1.026820,9.559626,1.880160,9.796724,78.935303,83.869240

11.4677048,1.048355,9.559626,1.925624,9.807830,78.677254,83.741669

11.4702206,1.050748,9.528519,1.865803,9.766165,78.986069,83.707191

11.4727364,1.029213,9.557233,1.853839,9.789622,79.084106,83.853539

11.4752445,1.072284,9.562018,1.894517,9.806691,78.861214,83.601593

11.4777594,1.024427,9.550055,1.880160,9.787134,78.924324,83.877335

11.4802761,1.019642,9.530911,1.880160,9.767955,78.902306,83.893578

11.4827909,1.014856,9.559626,1.887339,9.796858,78.892677,83.940140

11.4853067,1.041177,9.571589,1.896910,9.813136,78.854385,83.791901

11.4878216,1.017249,9.585947,1.939981,9.833041,78.621353,83.942513

11.4903374,1.057927,9.585947,1.920838,9.833575,78.735725,83.702194

11.4928522,1.060320,9.617053,1.920838,9.864158,78.771103,83.708321

11.4953766,1.048355,9.633803,1.906481,9.876431,78.870132,83.789482

11.4978924,1.036391,9.660124,1.920838,9.903622,78.816429,83.876419

11.5004082,1.077069,9.621839,1.920838,9.870637,78.778572,83.612892

11.5029249,1.086641,9.619446,1.928017,9.870753,78.736221,83.555023

11.5054398,1.115354,9.614660,1.911267,9.866035,78.829933,83.382942

11.5079556,1.144367,9.581161,1.889732,9.832563,78.919312,83.188896

11.5104713,1.122533,9.595518,1.896910,9.845421,78.891396,83.327576

11.5129862,1.124926,9.588340,1.904089,9.840085,78.842697,83.308517

11.5154924,1.110569,9.602696,1.918446,9.855230,78.774979,83.402954

11.5180082,1.091426,9.573982,1.887339,9.819083,78.918137,83.496407

11.5205231,1.081855,9.550055,1.901696,9.797469,78.807808,83.536942

11.5230389,1.120140,9.588340,1.923231,9.843262,78.732750,83.336731

11.5255537,1.110569,9.578768,1.901696,9.828662,78.843781,83.386620

11.5280695,1.103390,9.554840,1.896910,9.803607,78.843414,83.412674

11.5305843,1.093819,9.545269,1.887339,9.791356,78.886360,83.462830

11.5331011,1.098605,9.573982,1.884946,9.819424,78.932755,83.454002

11.5356169,1.093819,9.569197,1.875375,9.812390,78.981667,83.479034

11.5381327,1.103390,9.550055,1.904089,9.800335,78.796860,83.409409

11.5406475,1.108176,9.514162,1.892125,9.763578,78.825706,83.356323

11.5431633,1.096212,9.494720,1.884946,9.741890,78.843544,83.414085

11.5456781,1.105783,9.542876,1.892125,9.791291,78.857742,83.390312

11.5481949,1.115354,9.542876,1.887339,9.791453,78.886467,83.333618

11.5507097,1.115354,9.497113,1.868196,9.743169,78.945412,83.301788

11.5532255,1.074677,9.511769,1.853839,9.750149,79.039368,83.553841

11.5557384,1.079462,9.511769,1.932802,9.765998,78.585152,83.525375

11.5582542,1.074677,9.521340,1.901696,9.768690,78.774406,83.560265

11.5607691,1.103390,9.497113,1.913660,9.750627,78.681648,83.372993

11.5632849,1.072284,9.487542,1.932802,9.741611,78.556190,83.551781

11.5657997,1.060320,9.523733,1.880160,9.765284,78.899231,83.647171

11.5683165,1.074677,9.564411,1.913660,9.813001,78.754532,83.589020

11.5708313,1.074677,9.502198,1.925624,9.754728,78.614799,83.547401

11.5733471,1.084248,9.550055,1.930410,9.803347,78.643486,83.522766

11.5758629,1.072284,9.552447,1.947159,9.807674,78.548737,83.595230

11.5783777,1.132104,9.540483,1.923231,9.798025,78.680046,83.232742

11.5808935,1.112962,9.559626,1.939981,9.817773,78.603416,83.359344

11.5834084,1.132104,9.554840,1.949552,9.817198,78.545746,83.242821

11.5859251,1.115354,9.545269,1.918446,9.799828,78.710686,83.335274

11.5884399,1.139582,9.590733,1.904089,9.844103,78.847313,83.223824

11.5909557,1.149153,9.573982,1.916053,9.831223,78.761429,83.155602

11.5934706,1.120140,9.612267,1.928017,9.867504,78.732460,83.353165

11.5959921,1.122533,9.602696,1.930410,9.858922,78.708344,83.332520

11.5985079,1.112962,9.643374,1.956731,9.902634,78.603523,83.416504

11.6010237,1.117747,9.588340,1.954338,9.849114,78.554962,83.350838

11.6035385,1.110569,9.621839,1.975873,9.885201,78.469940,83.415962

11.6060543,1.074677,9.609875,1.985445,9.871506,78.397018,83.619102

11.6085691,1.048355,9.605089,1.963909,9.859702,78.510674,83.771065

11.6110859,1.022034,9.617053,1.939981,9.863863,78.657379,83.933769

11.6136017,1.033998,9.645767,1.930410,9.891232,78.745712,83.881424

11.6161137,1.026820,9.633803,1.971088,9.886846,78.500191,83.916092

11.6186295,1.000499,9.631411,2.006980,9.889036,78.290482,84.069458

11.6211443,1.010070,9.614660,2.009373,9.874184,78.258438,84.002777

11.6236601,0.998106,9.588340,1.985445,9.842484,78.362328,84.057152

11.6261749,0.998106,9.629018,2.004587,9.885979,78.300972,84.082077

11.6286907,0.959821,9.607482,1.985445,9.857330,78.380104,84.294884

11.6312065,1.007677,9.581161,2.002194,9.839859,78.259583,83.996117

11.6337223,1.002892,9.573982,1.983052,9.828501,78.359787,84.019974

11.6362391,1.000499,9.559626,1.935195,9.804714,78.616562,84.025246

11.6387539,1.010070,9.571589,1.959123,9.822104,78.494576,83.975990

11.6412697,1.005285,9.566804,1.961516,9.817428,78.474770,84.001343

11.6437845,1.017249,9.602696,1.956731,9.852683,78.544968,83.953003

11.6463013,1.005285,9.588340,1.951945,9.836511,78.554321,84.014717

11.6488171,1.050748,9.600304,1.944767,9.851499,78.614563,83.753868

11.6513319,1.012463,9.583553,1.920838,9.826454,78.727455,83.969307

11.6538477,1.002892,9.573982,1.935195,9.818956,78.633293,84.019974

11.6563644,1.005285,9.562018,1.954338,9.811332,78.510292,83.998367

11.6588802,1.002892,9.564411,1.916053,9.805866,78.731987,84.014030

11.6613970,1.024427,9.538090,1.923231,9.783835,78.663414,83.869713

11.6639118,1.005285,9.530911,1.925624,9.775321,78.639099,83.978920

11.6664276,0.998106,9.545269,1.904089,9.784371,78.778343,84.030533

11.6689425,1.014856,9.526126,1.861018,9.759118,79.006638,83.918991

11.6714582,1.022034,9.485149,1.875375,9.722635,78.878654,83.850052

11.6739740,1.043570,9.557233,1.887339,9.797540,78.893463,83.768471

11.6764879,1.012463,9.540483,1.884946,9.777470,78.884666,83.942284

11.6790047,0.988535,9.533304,1.851447,9.761606,79.066696,84.080002

11.6815195,0.976571,9.521340,1.865803,9.751453,78.969246,84.143852

11.6840353,1.000499,9.538090,1.861018,9.769317,79.018257,84.011848

11.6865511,0.990928,9.576375,1.887339,9.810757,78.908615,84.092270

11.6890659,1.000499,9.533304,1.875375,9.767390,78.930260,84.008865

11.6915817,1.019642,9.578768,1.896910,9.817878,78.859833,83.923859

11.6940975,1.060320,9.562018,1.884946,9.803545,78.914604,83.672394

11.6966209,1.000499,9.552447,1.937588,9.798188,78.594604,84.020782

11.6991367,0.962214,9.559626,1.930410,9.799938,78.639481,84.252312

11.7016535,0.990928,9.590733,1.937588,9.834549,78.637337,84.101051

11.7041693,0.986142,9.614660,1.968695,9.863565,78.486862,84.143852

11.7066841,1.005285,9.626625,1.968695,9.877159,78.502922,84.038353

11.7091999,1.017249,9.643374,1.932802,9.887629,78.727417,83.978317

11.7117157,1.002892,9.662517,1.944767,9.907176,78.679398,84.074371

11.7142324,1.005285,9.672089,1.951945,9.918164,78.649811,84.066177

11.7167444,1.010070,9.681660,1.963909,9.930344,78.593506,84.043983

11.7192602,0.993321,9.703195,1.975873,9.952023,78.548409,84.154968

11.7217760,0.962214,9.691231,2.006980,9.943529,78.355553,84.329857

11.7242918,0.947857,9.715159,1.961516,9.956420,78.637825,84.427589

11.7268066,0.928714,9.686445,1.999802,9.934231,78.386772,84.523354

11.7293224,0.959821,9.691231,2.011766,9.944265,78.328270,84.343864

11.7318382,0.957428,9.676874,1.949552,9.917626,78.663284,84.349556

11.7343550,0.950250,9.657731,2.011766,9.910699,78.288177,84.380608

11.7368689,0.998106,9.624231,2.009373,9.882288,78.268204,84.079155

11.7393847,1.012463,9.614660,1.999802,9.872486,78.313118,83.988678

11.7419004,1.014856,9.607482,2.069193,9.880041,77.910950,83.970100

11.7444153,1.022034,9.605089,2.057229,9.875955,77.976852,83.926270

11.7469311,1.017249,9.585947,2.066801,9.858846,77.898788,83.942513

11.7494478,0.990928,9.564411,2.050051,9.831715,77.964714,84.084930

11.7519627,0.993321,9.593125,2.100599,9.870524,77.712608,84.088371

11.7544785,1.002892,9.607482,2.112563,9.887994,77.663704,84.040672

11.7569962,0.995713,9.562018,2.122135,9.845157,77.552139,84.055092

11.7595119,1.010070,9.554840,2.141277,9.843794,77.436256,83.965508

11.7620277,1.005285,9.590733,2.119742,9.873503,77.602661,84.016205

11.7645445,0.976571,9.619446,2.105385,9.895457,77.715691,84.203163

11.7670593,0.959821,9.564411,2.050051,9.828628,77.960876,84.269363

11.7695751,0.935893,9.595518,2.066801,9.860098,77.900352,84.429314

11.7720909,0.907179,9.590733,2.018944,9.842828,78.163574,84.596519

11.7746067,0.859023,9.576375,2.016551,9.824019,78.154846,84.874153

11.7771206,0.861416,9.605089,2.081157,9.865646,77.821976,84.875237

11.7796373,0.825524,9.573982,2.028515,9.821278,78.080162,85.071815

11.7821522,0.789631,9.593125,2.033301,9.837982,78.072212,85.294464

11.7846680,0.818345,9.633803,2.076372,9.888942,77.879463,85.144653

11.7871838,0.777667,9.636196,2.023730,9.877070,78.176842,85.386070

11.7896996,0.758525,9.638589,2.021337,9.877427,78.191452,85.500290

11.7922144,0.748953,9.643374,2.030908,9.883328,78.141914,85.559036

11.7947311,0.748953,9.660124,1.997409,9.892854,78.351669,85.566704

11.7972536,0.741775,9.667302,2.030908,9.906137,78.169617,85.612274

11.7997694,0.739382,9.655338,2.016551,9.891346,78.236626,85.620979

11.8022861,0.739382,9.640982,2.040479,9.882245,78.083885,85.614479

11.8048010,0.698704,9.652946,2.081157,9.899432,77.864174,85.860008

11.8073168,0.681954,9.617053,2.091028,9.865352,77.762955,85.943893

11.8098326,0.677169,9.595518,2.136492,9.853787,77.477715,85.963249

11.8123484,0.650848,9.597911,2.134099,9.853826,77.492020,86.120636

11.8148642,0.588335,9.621839,2.129313,9.872178,77.544090,86.500961

11.8173695,0.550050,9.631411,2.081157,9.869034,77.826218,86.731384

11.8198843,0.523729,9.612267,2.054837,9.843390,77.950722,86.881294

11.8224001,0.506979,9.645767,2.054837,9.875232,77.990150,86.991318

11.8249149,0.504586,9.617053,1.997409,9.835240,78.282471,86.996567

11.8274307,0.483051,9.643374,2.006980,9.861844,78.257736,87.132362

11.8299475,0.466301,9.681660,1.987837,9.894618,78.410355,87.242577

11.8324623,0.509372,9.667302,2.038087,9.892926,78.111107,86.983864

11.8349781,0.518943,9.633803,2.011766,9.855287,78.221390,86.916634

11.8374939,0.542872,9.562018,2.004587,9.784951,78.178444,86.750595

11.8400097,0.533300,9.547662,2.059622,9.781835,77.845078,86.802971

11.8425245,0.492622,9.535697,2.076372,9.771566,77.731621,87.042679

11.8450413,0.475873,9.492328,2.119742,9.737763,77.427040,87.130028

11.8475571,0.413659,9.506984,2.078765,9.740386,77.677322,87.508568

11.8500719,0.408874,9.542876,2.045265,9.768151,77.913918,87.546608

11.8525877,0.387338,9.557233,1.990230,9.769940,78.246033,87.679169

11.8551025,0.341875,9.583553,2.062015,9.808837,77.864746,87.956955

11.8576174,0.337089,9.619446,2.093421,9.850369,77.729805,87.993034

11.8601332,0.341875,9.633803,2.073979,9.860448,77.858124,87.967598

11.8626499,0.284148,9.638589,2.062015,9.860784,77.929642,88.311394

11.8651648,0.317647,9.669696,2.071586,9.894210,77.914352,88.118523

11.8676805,0.269791,9.645767,2.078765,9.870911,77.842773,88.397865

11.8701954,0.260219,9.636196,2.126920,9.871564,77.557526,88.453140

11.8727112,0.253041,9.672089,2.126920,9.906418,77.601997,88.501373

11.8752270,0.265005,9.664909,2.114956,9.897159,77.661125,88.429382

11.8777437,0.269791,9.638589,2.112563,9.871074,77.642220,88.396667

11.8802595,0.212363,9.667302,2.105385,9.896185,77.716614,88.741577

11.8827744,0.195613,9.648160,2.107778,9.877650,77.678993,88.838509

11.8852901,0.212363,9.645767,2.158027,9.886506,77.391968,88.738770

11.8878059,0.195613,9.657731,2.153241,9.896791,77.433678,88.839661

11.8903208,0.195613,9.655338,2.160420,9.896021,77.390091,88.839371

11.8928366,0.162114,9.681660,2.169991,9.923189,77.368553,89.040703

11.8953524,0.133400,9.693624,2.189134,9.938634,77.275398,89.211571

11.8978806,0.111864,9.703195,2.241776,9.959420,76.991768,89.339485

11.9003963,0.135793,9.693624,2.179562,9.936563,77.329277,89.197426

11.9029121,0.104686,9.698409,2.193919,9.944012,77.254128,89.381569

11.9054270,0.109472,9.741480,2.229812,9.994022,77.107971,89.356155

11.9079428,0.099900,9.743873,2.208276,9.991472,77.231277,89.412590

11.9104595,0.114257,9.734302,2.150848,9.969746,77.541199,89.327515

11.9129753,0.095115,9.758230,2.165205,9.996011,77.490181,89.441551

11.9154911,0.107079,9.739087,2.186741,9.982140,77.345856,89.370071

11.9179916,0.119043,9.777672,2.174777,10.017320,77.461143,89.302460

11.9205074,0.154935,9.794421,2.179562,10.035197,77.455856,89.093727

11.9230232,0.193220,9.765409,2.186741,10.009114,77.380524,88.866478

11.9255381,0.164507,9.770494,2.215455,10.019873,77.225990,89.035400

11.9280548,0.159721,9.806385,2.215455,10.054797,77.271111,89.066879

11.9305696,0.169292,9.794421,2.268097,10.055029,76.963699,89.009766

11.9330854,0.209970,9.813564,2.296811,10.080946,76.830254,88.774292

11.9356003,0.200399,9.787243,2.270490,10.049150,76.941925,88.827003

11.9381170,0.224327,9.772886,2.239383,10.028683,77.097198,88.685059

11.9406319,0.195613,9.801600,2.258525,10.060346,77.026649,88.856682

11.9431486,0.212363,9.789636,2.227419,10.042085,77.184731,88.757301

11.9456644,0.265005,9.784850,2.229812,10.039203,77.166977,88.448624

11.9481792,0.238684,9.796814,2.258525,10.056613,77.021751,88.604355

11.9506950,0.243470,9.835099,2.244169,10.090825,77.150146,88.581924

11.9532099,0.296112,9.849456,2.270490,10.112101,77.024643,88.277992

11.9557257,0.317647,9.844670,2.268097,10.107556,77.032631,88.151939

11.9582434,0.324826,9.808778,2.256133,10.070143,77.053459,88.103294

11.9607592,0.322433,9.827921,2.268097,10.091395,77.011497,88.120926

11.9632740,0.344267,9.808778,2.311167,10.083261,76.749535,87.989868

11.9657898,0.272184,9.799207,2.301596,10.069552,76.787109,88.408958

11.9683056,0.310469,9.803992,2.289632,10.072590,76.861061,88.186188

11.9708204,0.312862,9.823135,2.303989,10.094564,76.806488,88.175774

11.9733372,0.267398,9.808778,2.241776,10.065247,77.130898,88.438438

11.9758520,0.300897,9.815957,2.241776,10.073188,77.141220,88.244209

11.9783678,0.269791,9.823135,2.246561,10.080367,77.122635,88.426773

11.9808826,0.250648,9.818350,2.227419,10.070959,77.222092,88.537643

11.9833984,0.195613,9.820743,2.213062,10.068907,77.303200,88.858910

11.9859133,0.131007,9.904491,2.292025,10.167079,76.971489,89.242188

11.9884291,0.080758,9.870992,2.294418,10.134463,76.914925,89.531258

11.9909458,0.037388,9.870992,2.289632,10.133128,76.940948,89.782982

11.9934607,-0.000897,9.887741,2.311167,10.154256,76.843842,90.005203

11.9959764,-0.067896,9.894919,2.299203,10.158759,76.919067,90.393143

11.9984989,-0.063111,9.923634,2.311167,10.189405,76.890038,90.364372

12.0010138,-0.084646,9.890134,2.349453,10.165719,76.637260,90.490364

12.0035295,-0.137288,9.859028,2.335096,10.132717,76.676369,90.797798

12.0060453,-0.103789,9.882956,2.354537,10.160090,76.600243,90.601685

12.0085611,-0.132503,9.863813,2.388037,10.149635,76.391693,90.769623

12.0110760,-0.139681,9.839885,2.404787,10.130442,76.267914,90.813278

12.0135918,-0.146859,9.815957,2.459822,10.120539,75.933228,90.857155

12.0161085,-0.151645,9.818350,2.478964,10.127599,75.831573,90.884865

12.0186176,-0.173181,9.803992,2.495714,10.118144,75.720207,91.011986

12.0211334,-0.168395,9.803992,2.498107,10.118654,75.706955,90.984024

12.0236492,-0.180359,9.775279,2.490928,10.089269,75.706512,91.057014

12.0261650,-0.194716,9.808778,2.514857,10.127909,75.622498,91.137238

12.0286798,-0.170788,9.755837,2.500500,10.072638,75.626213,91.002930

12.0311956,-0.177966,9.758230,2.486143,10.071527,75.708893,91.044815

12.0337105,-0.211765,9.765409,2.455036,10.071507,75.891403,91.242279

12.0362263,-0.194716,9.753445,2.490928,10.068382,75.676224,91.143692

12.0387392,-0.257228,9.760623,2.500500,10.079108,75.635635,91.509605

12.0412550,-0.259621,9.753445,2.495714,10.071032,75.651978,91.524765

12.0437708,-0.266800,9.803992,2.500500,10.121361,75.696884,91.558830

12.0462856,-0.331406,9.868599,2.471786,10.178841,75.946037,91.923378

12.0488014,-0.350549,9.789636,2.495714,10.108830,75.706772,92.050781

12.0513163,-0.331406,9.753445,2.476571,10.068412,75.760574,91.946068

12.0538321,-0.386441,9.823135,2.462214,10.134388,75.938904,92.252846

12.0563469,-0.434297,9.863813,2.469393,10.177491,75.958015,92.521065

12.0588655,-0.422333,9.825528,2.488536,10.144564,75.800003,92.461243

12.0613804,-0.431904,9.801600,2.462214,10.115355,75.911903,92.523087

12.0638962,-0.448654,9.808778,2.483750,10.128299,75.804649,92.618889

12.0664110,-0.508774,9.815957,2.469393,10.134583,75.897339,92.967064

12.0689268,-0.539881,9.808778,2.428715,10.119400,76.113113,93.150414

12.0714436,-0.566202,9.803992,2.426322,10.115626,76.121796,93.305283

12.0739584,-0.582951,9.806385,2.452643,10.125239,75.981766,93.402008

12.0764742,-0.570987,9.765409,2.440679,10.081971,75.990456,93.346298

12.0789900,-0.597308,9.719945,2.455036,10.042974,75.850487,93.516510

12.0815048,-0.640379,9.700802,2.459822,10.028278,75.801117,93.776787

12.0840206,-0.649950,9.717552,2.376073,10.024918,76.289467,93.826485

12.0865355,-0.640379,9.724730,2.364109,10.028434,76.364716,93.767525

12.0890522,-0.649950,9.715159,2.366502,10.020333,76.339401,93.827423

12.0915680,-0.659522,9.703195,2.330310,10.000865,76.525604,93.888390

12.0940828,-0.654736,9.684052,2.289632,9.972561,76.726875,93.867867

12.0965986,-0.661915,9.717552,2.256133,9.997954,76.958344,93.896706

12.0991240,-0.654736,9.765409,2.260918,10.045080,76.992584,93.835739

12.1016388,-0.659522,9.731909,2.277668,10.016626,76.856613,93.876953

12.1041546,-0.657129,9.729516,2.284847,10.015779,76.813309,93.863876

12.1066704,-0.652343,9.801600,2.251347,10.077970,77.091606,93.807693

12.1091871,-0.630808,9.799207,2.280061,10.080727,76.927711,93.683243

12.1117029,-0.616451,9.811171,2.303989,10.096903,76.809601,93.595253

12.1142178,-0.618844,9.859028,2.256133,10.132794,77.134888,93.591698

12.1167336,-0.602094,9.832706,2.287239,10.113164,76.928635,93.504066

12.1192427,-0.640379,9.844670,2.330310,10.136960,76.709846,93.721748

12.1217585,-0.642772,9.914063,2.256133,10.187832,77.205574,93.709541

12.1242733,-0.604487,9.873384,2.234597,10.141131,77.270416,93.503494

12.1267891,-0.599701,9.863813,2.220240,10.128372,77.337364,93.479195

12.1293049,-0.599701,9.835099,2.248954,10.106761,77.142921,93.489326

12.1318197,-0.535095,9.839885,2.270490,10.112605,77.025299,93.112694

12.1343365,-0.535095,9.856635,2.227419,10.119336,77.284210,93.107414

12.1368523,-0.518345,9.847063,2.270490,10.118718,77.033279,93.013245

12.1393490,-0.427119,9.837492,2.320739,10.116546,76.738228,92.486076

12.1418648,-0.412762,9.844670,2.318346,10.122383,76.759933,92.400856

12.1443796,-0.345763,9.911670,2.311167,10.183430,76.882210,91.997917

12.1468945,-0.321835,9.952348,2.313560,10.222787,76.919838,91.852158

12.1494093,-0.288335,9.993026,2.284847,10.254961,77.126221,91.652733

12.1519241,-0.259621,9.997811,2.299203,10.262065,77.053047,91.487511

12.1544399,-0.223729,10.043574,2.292025,10.304214,77.147865,91.276100

12.1569557,-0.194716,10.012168,2.270490,10.268229,77.225296,91.114143

12.1594925,-0.146859,10.009775,2.292025,10.269886,77.104164,90.840561

12.1620083,-0.010469,9.993026,2.270490,10.247722,77.199295,90.060020

12.1645241,-0.024826,9.942777,2.280061,10.200888,77.084373,90.143059

12.1670399,0.030209,9.928419,2.260918,10.182641,77.171326,89.825668

12.1695557,0.068794,9.890134,2.253740,10.143906,77.163086,89.601471

12.1720715,0.116650,9.844670,2.294418,10.109179,76.881615,89.321129

12.1745863,0.157328,9.859028,2.296811,10.124254,76.887596,89.085762

12.1771021,0.142971,9.870992,2.366502,10.151711,76.519554,89.170189

12.1796179,0.171685,9.863813,2.421536,10.158155,76.208847,89.002838

12.1821337,0.198006,9.856635,2.380858,10.142038,76.423027,88.849159

12.1846485,0.214756,9.866206,2.419144,10.160728,76.226303,88.753052

12.1871643,0.291326,9.835099,2.416751,10.131867,76.200226,88.303337

12.1896801,0.351446,9.801600,2.421536,10.102410,76.131233,87.946487

12.1921959,0.372981,9.758230,2.486143,10.076859,75.716614,87.811096

12.1947107,0.435195,9.799207,2.512464,10.125528,75.633018,87.457100

12.1972275,0.468694,9.818350,2.531606,10.150306,75.557289,87.266975

12.1997461,0.487837,9.760623,2.524428,10.093586,75.516441,87.138733

12.2022610,0.528515,9.734302,2.522035,10.069589,75.495232,86.892235

12.2047768,0.564407,9.667302,2.507678,10.003186,75.481773,86.658691

12.2072935,0.585942,9.607482,2.502892,9.945427,75.424080,86.509956

12.2098093,0.605384,9.559626,2.524428,9.905840,75.235756,86.376457

12.2123251,0.643669,9.506984,2.531606,9.859315,75.121330,86.126709

12.2148399,0.705883,9.439685,2.474179,9.784042,75.352058,85.723480

12.2173557,0.696311,9.322437,2.452643,9.664789,75.299225,85.728394

12.2198668,0.725025,9.195318,2.512464,9.559917,74.763000,85.491714

12.2223816,0.681954,9.137891,2.572284,9.517497,74.319725,85.731964

12.2248974,0.662812,9.070891,2.560320,9.448578,74.277756,85.820816

12.2274141,0.689133,8.975179,2.481357,9.337337,74.588737,85.609329

12.2299290,0.689133,8.903095,2.385644,9.242906,75.042328,85.573914

12.2324448,0.689133,8.826525,2.361716,9.162977,75.063675,85.535675

12.2349606,0.717847,8.737990,2.383251,9.085575,74.792732,85.303558

12.2374754,0.746561,8.615657,2.404787,8.976073,74.460014,85.047600

12.2399912,0.794417,8.534301,2.409572,8.903450,74.298027,84.681938

12.2425060,0.878465,8.457730,2.531606,8.872087,73.420525,84.070221

12.2450228,1.031606,8.395218,2.778366,8.902988,71.815903,82.994606

12.2475386,1.091426,8.318648,2.859722,8.863923,71.178261,82.525352

12.2500534,1.120140,8.277970,2.915056,8.847432,70.762756,82.293785

12.2525692,1.237687,8.258827,2.852544,8.824800,71.140915,81.476944

12.2550850,1.402792,8.196614,2.718546,8.748875,71.896713,80.288322

12.2575998,1.515554,8.199007,2.553142,8.720043,72.974930,79.527313

12.2601147,1.608874,8.150851,2.308775,8.622952,74.469719,78.834084

12.2626305,1.692922,8.187042,1.973480,8.590010,76.718155,78.317001

12.2651463,1.721636,8.268398,1.621436,8.599971,79.132423,78.237999

12.2676611,1.673779,8.313862,1.417747,8.598363,80.509407,78.617149

12.2701769,1.596910,8.421539,1.286142,8.667561,81.466614,79.262932

12.2726927,1.582553,8.476873,1.087239,8.691602,82.814003,79.425148

12.2752075,1.534697,8.529515,0.818944,8.705091,84.601837,79.800034

12.2777243,1.513161,8.584550,0.699003,8.744871,85.415291,80.003410

12.2802353,1.565803,8.677871,0.687039,8.844728,85.544899,79.771812

12.2827520,1.589732,8.721240,0.816551,8.902473,84.737335,79.669388

12.2852678,1.649552,8.804989,0.993620,9.013109,83.670753,79.389038

12.2877827,1.678565,8.869596,1.237987,9.111526,82.191048,79.283554

12.2902985,1.762314,8.960523,1.460818,9.248281,80.911743,78.873344

12.2928133,1.829313,9.011071,1.650150,9.341776,79.825775,78.524490

12.2953291,1.838884,9.123533,1.628615,9.448425,80.074417,78.604485

12.2978439,1.886741,9.159426,1.537389,9.477259,80.664299,78.360504

12.3003693,1.932204,9.195318,1.499103,9.514968,80.935158,78.133133

12.3028860,2.009074,9.200104,1.539781,9.541971,80.713615,77.681412

12.3054018,2.023431,9.192925,1.595115,9.547174,80.382072,77.586716

12.3079176,2.040180,9.197711,1.479961,9.536798,81.072517,77.493484

12.3104324,2.114358,9.243474,1.295713,9.570329,82.218910,77.115784

12.3129482,2.107179,9.274581,1.132702,9.578156,83.208366,77.199730

12.3154640,2.042573,9.351151,1.084846,9.632913,83.533707,77.678406

12.3179808,1.985145,9.363115,1.127917,9.637475,83.279015,78.029549

12.3204851,1.891526,9.389436,1.223630,9.655912,82.719711,78.610062

12.3230009,1.783849,9.420543,1.372284,9.685655,81.854805,79.277573

12.3255157,1.814956,9.384650,1.415355,9.662762,81.577286,79.054344

12.3280315,1.853241,9.312865,1.374677,9.594461,81.762421,78.745285

12.3305464,1.884348,9.276974,1.458425,9.578101,81.241692,78.518234

12.3330631,1.886741,9.274581,1.503889,9.583283,80.971344,78.501152

12.3355780,1.922633,9.296116,1.515853,9.613121,80.927399,78.314774

12.3380938,1.915455,9.250652,1.561616,9.575081,80.613609,78.301567

12.3406105,1.910669,9.231211,1.652543,9.570621,80.056999,78.306091

12.3431253,1.973181,9.171391,1.623829,9.520749,80.179802,77.858162

12.3456421,2.016252,9.130713,1.652543,9.495582,79.977615,77.547722

12.3481569,2.114358,9.109177,1.731506,9.510296,79.509850,76.932304

12.3506727,2.176571,9.058928,1.741078,9.478026,79.414871,76.489746

12.3531885,2.243870,9.054142,1.774577,9.495344,79.228706,76.080940

12.3557034,2.330011,9.051749,1.884946,9.534996,78.598259,75.564873

12.3582191,2.531307,9.063713,1.880160,9.596531,78.701477,74.396057

12.3607397,2.734697,8.991928,1.889732,9.586679,78.631371,73.084015

12.3632545,2.818745,8.950952,1.882553,9.571252,78.656631,72.520256

12.3657703,2.892923,8.910274,1.825125,9.544269,78.975578,72.012802

12.3682861,3.002992,8.898309,1.844268,9.570746,78.889694,71.351540

12.3708010,3.046362,8.857632,1.870589,9.551810,78.706429,71.020615

12.3733177,3.000600,8.848060,1.760220,9.507373,79.330551,71.266907

12.3758335,3.041577,8.876774,1.683650,9.533257,79.827751,71.086266

12.3783484,3.077469,8.833703,1.738685,9.514628,79.470718,70.792778

12.3808613,3.103790,8.816954,1.671686,9.495616,79.860336,70.606644

12.3833771,3.122933,8.833703,1.640579,9.512019,80.068291,70.530235

12.3858919,3.115754,8.869596,1.621436,9.539743,80.214134,70.644402

12.3884077,3.063112,8.948559,1.616651,9.595464,80.300499,71.103806

12.3909225,2.947958,8.972786,1.633401,9.584849,80.188057,71.812355

12.3934393,2.828316,9.037392,1.633401,9.609465,80.213440,72.622116

12.3959541,2.770889,9.123533,1.595115,9.667527,80.502922,73.106056

12.3984699,2.787638,9.147462,1.537389,9.685584,80.866837,73.051689

12.4009905,2.773281,9.231211,1.470389,9.750301,81.326447,73.278450

12.4035072,2.792424,9.233903,1.329213,9.738039,82.154808,73.174164

12.4060221,2.861816,9.236296,1.281057,9.753986,82.453156,72.784691

12.4085379,2.897708,9.269794,1.221237,9.788628,82.833061,72.640923

12.4110537,2.885744,9.272188,1.218844,9.787062,82.846024,72.712509

12.4135695,2.876173,9.396614,1.214058,9.901649,82.957146,72.981377

12.4160843,2.809174,9.420543,1.235594,9.907814,82.836044,73.395599

12.4186010,2.713162,9.449257,1.235594,9.908400,82.836472,73.979660

12.4211102,2.720340,9.528519,1.149452,9.975678,83.383369,74.066246

12.4236250,2.780460,9.590733,1.137488,10.050223,83.501320,73.832542

12.4261417,2.694019,9.748658,1.144667,10.178621,83.542976,74.551987

12.4286566,2.497808,9.815957,1.099203,10.188243,83.806343,75.723289

12.4311724,2.361118,9.969097,1.072882,10.300915,84.021568,76.675385

12.4336872,2.217548,10.101002,1.012762,10.391027,84.406784,77.617859

12.4362030,2.193321,10.151251,0.929013,10.426966,84.888329,77.807854

12.4387188,2.078465,10.196714,1.017847,10.456052,84.413681,78.478844

12.4412317,2.033002,10.203893,1.015454,10.453882,84.425697,78.732063

12.4437485,2.092823,10.089038,1.046561,10.356828,84.200348,78.281036

12.4462633,2.073680,10.009775,1.051346,10.276238,84.127884,78.295853

12.4487791,1.968396,9.952348,1.036990,10.197997,84.163757,78.812309

12.4512939,1.793421,9.875777,0.993620,10.086358,84.346550,79.707367

12.4538097,1.726422,9.859028,1.012762,10.060152,84.222206,80.067596

12.4563246,1.688136,9.801600,1.065703,10.002844,83.884094,80.227783

12.4588404,1.680958,9.724730,1.127917,9.933187,83.479980,80.193108

12.4613571,1.611267,9.624231,1.106381,9.820698,83.531433,80.495811

12.4638720,1.544268,9.585947,1.092024,9.770756,83.582954,80.848442

12.4663877,1.441377,9.590733,1.125524,9.763531,83.380318,81.453072

12.4689026,1.364507,9.612267,1.094417,9.770123,83.568413,81.920570

12.4714184,1.328615,9.650553,1.089632,9.802331,83.617783,82.161232

12.4739332,1.271187,9.686445,1.115953,9.833031,83.483452,82.523590

12.4764490,1.201795,9.705587,1.156631,9.847869,83.255051,82.941277

12.4789648,1.187438,9.693624,1.216451,9.841550,82.899879,83.016243

12.4814844,1.077069,9.700802,1.218844,9.836220,82.881966,83.664459

12.4840002,0.995713,9.679267,1.161416,9.799416,83.193367,84.126602

12.4865160,0.890429,9.662517,1.173380,9.774145,83.105049,84.734894

12.4890318,0.827917,9.621839,1.199701,9.731625,82.918640,85.082062

12.4915476,0.799203,9.609875,1.226022,9.720676,82.754257,85.245949

12.4940634,0.746561,9.583553,1.178166,9.684520,83.012398,85.545647

12.4965782,0.736989,9.434899,1.206880,9.540285,82.732407,85.533516

12.4990940,0.660419,9.420543,1.276272,9.529514,82.303345,85.989891

12.5015802,0.585942,9.399008,1.338784,9.511941,81.908882,86.432747

12.5040951,0.466301,9.434899,1.326820,9.539142,82.004684,87.170570

12.5066099,0.312862,9.518948,1.252344,9.606072,82.509026,88.117523

12.5091257,0.109472,9.660124,1.230808,9.738832,82.739456,89.350731

12.5116405,0.008674,9.758230,1.147059,9.825420,83.295769,89.949074

12.5141554,-0.110967,9.859028,1.123131,9.923415,83.501343,90.644859

12.5166702,-0.230907,9.961919,1.130310,10.028497,83.528458,91.327820

12.5191851,-0.374477,10.012168,1.103989,10.079808,83.712082,92.141991

12.5217342,-0.431904,10.105787,1.063311,10.170748,83.998993,92.447235

12.5242500,-0.443869,10.153644,0.998405,10.212263,84.389496,92.503105

12.5267649,-0.434297,10.218250,0.931406,10.269798,84.796486,92.433731

12.5292807,-0.480060,10.163215,0.890728,10.213461,84.996811,92.704361

12.5317965,-0.544666,10.127323,0.952942,10.186630,84.632233,93.078506

12.5343122,-0.489631,10.141680,0.912264,10.194392,84.865913,92.764046

12.5368271,-0.391227,10.144073,0.888335,10.190408,84.998970,92.208633

12.5393438,-0.340977,10.115358,0.883550,10.159596,85.010857,91.930641

12.5418568,-0.305085,10.096216,0.811765,10.133391,85.405228,91.730820

12.5443726,-0.348156,10.101002,0.806979,10.139165,85.434982,91.974060

12.5468874,-0.398405,10.072288,0.773480,10.109797,85.612129,92.265129

12.5494032,-0.343370,9.983455,0.773480,10.019258,85.572403,91.969849

12.5519190,-0.288335,9.961919,0.746860,9.994037,85.714256,91.657890

12.5544338,-0.278764,9.904491,0.797408,9.940449,85.398872,91.612175

12.5569506,-0.221336,9.849456,0.804587,9.884743,85.331139,91.287331

12.5594664,-0.202194,9.863813,0.792623,9.897674,85.406738,91.174316

12.5619802,-0.163609,9.847063,0.797408,9.880651,85.370964,90.951881

12.5644960,-0.175573,9.782457,0.833300,9.819454,85.131897,91.028221

12.5670118,-0.122931,9.777672,0.847657,9.815116,85.045624,90.720322

12.5695276,-0.130110,9.820743,0.871586,9.860202,84.928764,90.759033

12.5720425,-0.103789,9.770494,0.902692,9.812654,84.721748,90.608612

12.5745592,-0.091825,9.705587,0.902692,9.747908,84.686584,90.542061

12.5770750,-0.043968,9.715159,0.873978,9.754491,84.859543,90.259300

12.5795898,-0.017647,9.700802,0.950549,9.747277,84.403656,90.104225

12.5821047,0.058923,9.703195,0.979263,9.752662,84.237228,89.652069

12.5846205,0.176471,9.700802,1.000798,9.753886,84.110802,88.957825

12.5871353,0.217149,9.688838,0.991227,9.741831,84.160072,88.716087

12.5896521,0.202792,9.650553,0.957727,9.700079,84.333733,88.796196

12.5921679,0.253041,9.605089,0.972084,9.657470,84.223038,88.490921

12.5946827,0.375374,9.585947,0.955334,9.640744,84.313034,87.757515

12.5971985,0.380160,9.526126,0.998405,9.585844,84.021568,87.714706

12.5997143,0.423230,9.545269,1.039382,9.611014,83.791611,87.461212

12.6021986,0.502194,9.552447,1.099203,9.628588,83.444801,86.990601

12.6047134,0.454337,9.533304,1.142274,9.612237,83.175110,87.271469

12.6072283,0.411266,9.554840,1.147059,9.632230,83.160667,87.535355

12.6097431,0.361017,9.619446,1.218844,9.703074,82.783775,87.850700

12.6122589,0.315254,9.662517,1.202094,9.742106,82.912117,88.131302

12.6147728,0.281755,9.688838,1.154238,9.761415,83.209175,88.334290

12.6172876,0.221934,9.681660,1.036990,9.739566,83.888031,88.686829

12.6198025,0.138186,9.688838,0.981655,9.739421,84.215225,89.182884

12.6223440,0.083151,9.758230,0.912264,9.801132,84.659332,89.511787

12.6248598,-0.003290,9.799207,0.830908,9.834372,85.153290,90.019234

12.6273746,-0.022433,9.768100,0.816551,9.802196,85.221558,90.131584

12.6298904,-0.015254,9.741480,0.895514,9.782567,84.747688,90.089722

12.6324053,-0.005683,9.719945,0.917049,9.763111,84.610260,90.033501

12.6349220,-0.005683,9.688838,0.919442,9.732368,84.579033,90.033607

12.6374369,-0.065504,9.691231,0.873978,9.730780,84.846985,90.387260

12.6399527,-0.099003,9.715159,0.862014,9.753830,84.929756,90.583855

12.6424646,-0.137288,9.727123,0.795015,9.760524,85.327965,90.808617

12.6449804,-0.170788,9.676874,0.780658,9.709814,85.388504,91.011108

12.6474953,-0.216550,9.676874,0.806979,9.712878,85.234177,91.281960

12.6500111,-0.252443,9.621839,0.881157,9.665400,84.769302,91.502892

12.6525259,-0.242871,9.583553,0.931406,9.631770,84.450745,91.451706

12.6550407,-0.223729,9.576375,1.029811,9.634185,83.863853,91.338333

12.6575575,-0.156431,9.595518,1.046561,9.653689,83.776306,90.933983

12.6600723,-0.046361,9.600304,1.039382,9.656516,83.820976,90.276688

12.6625891,-0.010469,9.557233,1.036990,9.613332,83.807457,90.062759

12.6651049,-0.017647,9.569197,0.984048,9.619678,84.128639,90.105659

12.6676197,-0.008076,9.588340,0.881157,9.628747,84.749336,90.048256

12.6701355,-0.063111,9.545269,0.907478,9.588517,84.569275,90.378815

12.6726513,-0.082253,9.569197,0.900300,9.611807,84.625458,90.492477

12.6751671,-0.087039,9.597911,0.955334,9.645732,84.315979,90.519577

12.6776819,-0.118146,9.607482,0.960120,9.656060,84.293541,90.704544

12.6801977,-0.125324,9.691231,0.988834,9.742353,84.174538,90.740891

12.6827116,-0.161216,9.686445,1.058525,9.745444,83.764381,90.953514

12.6852264,-0.166002,9.691231,1.020240,9.746199,83.991226,90.981331

12.6877422,-0.180359,9.705587,1.048954,9.763773,83.832626,91.064606

12.6902580,-0.185145,9.672089,1.139881,9.740786,83.279770,91.096634

12.6927738,-0.206979,9.629018,1.216451,9.707759,82.801506,91.231407

12.6952887,-0.259621,9.624231,1.343570,9.721030,82.055565,91.545227

12.6978045,-0.314656,9.600304,1.499103,9.721736,81.129524,91.877235

12.7003193,-0.360120,9.588340,1.583151,9.724830,80.630852,92.150909

12.7028389,-0.340977,9.571589,1.626222,9.714741,80.363472,92.040237

12.7053547,-0.326620,9.538090,1.552045,9.669058,80.763115,91.961258

12.7078695,-0.393619,9.545269,1.463211,9.664785,81.292160,92.361374

12.7103853,-0.465404,9.545269,1.379462,9.655655,81.786293,92.791389

12.7129002,-0.556630,9.521340,1.310070,9.627151,82.178879,93.345779

12.7154160,-0.597308,9.518948,1.237987,9.617680,82.604378,93.590569

12.7179308,-0.645165,9.535697,1.175773,9.629548,82.986656,93.870613

12.7204475,-0.690628,9.454042,1.135095,9.546954,83.171608,94.178101

12.7229443,-0.697807,9.458828,1.118345,9.550239,83.275162,94.219246

12.7254601,-0.738784,9.446864,1.163809,9.546910,82.997986,94.471664

12.7279749,-0.728914,9.363115,1.163809,9.463282,82.935791,94.451469

12.7304897,-0.721735,9.315259,1.144667,9.413034,83.015297,94.430359

12.7330046,-0.774676,9.315259,1.163809,9.419587,82.902855,94.753899

12.7355194,-0.784248,9.291330,1.159024,9.396127,82.914452,94.824692

12.7380342,-0.784248,9.296116,1.120738,9.396215,83.149712,94.822220

12.7405491,-0.781855,9.303294,1.156631,9.407464,82.937721,94.803886

12.7430754,-0.820140,9.286545,1.156631,9.394165,82.927673,95.046974

12.7455902,-0.834497,9.312865,1.135095,9.418827,83.078262,95.120422

12.7481050,-0.784248,9.296116,1.092024,9.392835,83.323608,94.822220

12.7506218,-0.741177,9.274581,1.089632,9.367737,83.320381,94.569077

12.7531366,-0.760319,9.308080,1.089632,9.402432,83.345139,94.669769

12.7556515,-0.738784,9.332008,1.063311,9.421402,83.519722,94.526474

12.7581673,-0.669093,9.372686,1.020240,9.451763,83.803322,94.083275

12.7606821,-0.635594,9.389436,1.020240,9.466064,83.812721,93.872581

12.7631969,-0.614058,9.420543,1.017847,9.495247,83.846329,93.729431

12.7657118,-0.573380,9.382257,1.000798,9.452889,83.922577,93.497185

12.7682266,-0.515952,9.461221,1.005584,9.528489,83.942039,93.121445

12.7707434,-0.525524,9.487542,0.943370,9.548800,84.330231,93.170425

12.7732582,-0.494417,9.466006,0.919442,9.523397,84.459717,92.989883

12.7757730,-0.520738,9.535697,0.921835,9.594294,84.486427,93.125778

12.7782888,-0.542273,9.600304,0.859622,9.653955,84.891418,93.232918

12.7808037,-0.518345,9.638589,0.814158,9.686791,85.178703,93.078293

12.7833223,-0.520738,9.669696,0.821336,9.718476,85.151985,93.082550

12.7858391,-0.499203,9.712767,0.838086,9.761630,85.074799,92.942215

12.7883539,-0.451047,9.700802,0.775873,9.742227,85.432114,92.662102

12.7908697,-0.350549,9.719945,0.787837,9.758121,85.369095,92.065468

12.7933846,-0.329013,9.727123,0.809372,9.766282,85.246208,91.937248

12.7959003,-0.278764,9.801600,0.785444,9.836970,85.420280,91.629089

12.7984152,-0.235693,9.861421,0.828515,9.898970,85.198891,91.369141

12.8009319,-0.216550,9.830314,0.840479,9.868555,85.114349,91.261955

12.8034477,-0.197109,9.818350,0.792623,9.852263,85.385521,91.150093

12.8059626,-0.216550,9.851849,0.850050,9.890824,85.069725,91.259201

12.8084784,-0.168395,9.854242,0.943370,9.900727,84.532394,90.979004

12.8109932,-0.139681,9.815957,0.924228,9.860361,84.621681,90.815262

12.8135090,-0.091825,9.782457,0.926621,9.826674,84.589172,90.537804

12.8160238,-0.058325,9.787243,0.905085,9.829176,84.716637,90.341438

12.8185396,-0.027218,9.746265,1.039382,9.801569,83.912773,90.160011

12.8210554,-0.039182,9.746265,0.993620,9.796863,84.178925,90.230339

12.8235607,0.013460,9.768100,1.036990,9.822999,83.940132,89.921051

12.8260756,0.099900,9.765409,1.070489,9.824415,83.744514,89.413887

12.8285904,0.169292,9.777672,1.072882,9.837815,83.739044,89.008072

12.8311071,0.209970,9.763016,1.103989,9.827479,83.549957,88.767944

12.8336220,0.238684,9.837492,1.101596,9.901855,83.612541,88.610123

12.8361368,0.269791,9.849456,1.111167,9.915606,83.565781,88.430977

12.8386517,0.300897,9.904491,1.080060,9.967749,83.779472,88.259895

12.8411665,0.310469,9.894919,1.132702,9.964378,83.472786,88.202843

12.8436804,0.257827,9.916455,1.101596,9.980785,83.663261,88.510651

12.8461952,0.233898,9.985847,1.063311,10.045023,83.923599,88.658203

12.8487101,0.157328,10.074680,1.036990,10.129130,84.123940,89.105331

12.8512259,0.073579,10.191929,0.991227,10.240281,84.445251,89.586365

12.8537416,0.003888,10.244571,0.988834,10.292183,84.486732,89.978256

12.8562565,-0.106182,10.374083,0.957727,10.418738,84.725723,90.586418

12.8587713,-0.146859,10.484153,1.005584,10.533291,84.521790,90.802536

12.8612862,-0.257228,10.558330,1.060918,10.614614,84.263779,91.395599

12.8638058,-0.324227,10.589736,1.065703,10.648163,84.256035,91.753685

12.8663225,-0.374477,10.604093,1.125524,10.670231,83.945030,92.022522

12.8688374,-0.405583,10.618449,1.168595,10.690256,83.724228,92.187416

12.8713522,-0.410369,10.618449,1.182952,10.692018,83.647858,92.213196

12.8738680,-0.422333,10.592129,1.168595,10.664763,83.709167,92.283310

12.8763828,-0.472882,10.524831,1.156631,10.598748,83.734894,92.572571

12.8788977,-0.470489,10.527224,1.147059,10.599978,83.787666,92.558990

12.8814135,-0.506381,10.567902,1.147059,10.642026,83.812309,92.743340

12.8839254,-0.501595,10.522438,1.178166,10.600065,83.618561,92.729172

12.8864403,-0.475274,10.517652,1.218844,10.598701,83.396408,92.587334

12.8889551,-0.475274,10.448260,1.216451,10.529567,83.365967,92.604500

12.8914709,-0.439083,10.450653,1.175773,10.525749,83.586418,92.405861

12.8939867,-0.458226,10.426724,1.137488,10.498591,83.779984,92.516373

12.8965015,-0.492024,10.405190,1.135095,10.478477,83.781151,92.707298

12.8990164,-0.492024,10.393225,1.156631,10.468954,83.656898,92.710411

12.9015312,-0.551845,10.409975,1.147059,10.487510,83.720779,93.034477

12.9040546,-0.535095,10.412368,1.156631,10.490067,83.669716,92.941864

12.9065695,-0.506381,10.419546,1.163809,10.496562,83.634224,92.782341

12.9090853,-0.566202,10.417153,1.199701,10.501284,83.440018,93.111130

12.9116001,-0.582951,10.395618,1.209273,10.481940,83.375191,93.209595

12.9141150,-0.594916,10.426724,1.168595,10.508860,83.615456,93.265572

12.9166307,-0.616451,10.376475,1.178166,10.461326,83.533569,93.399864

12.9191465,-0.640379,10.388439,1.197309,10.476798,83.437790,93.527443

12.9216623,-0.618844,10.354940,1.228415,10.445897,83.246513,93.420105

12.9241629,-0.580559,10.266107,1.269093,10.360531,82.963997,93.236687

12.9266777,-0.575773,10.187143,1.362713,10.293998,82.392891,93.234894

12.9291925,-0.547059,10.089038,1.448854,10.207210,81.839638,93.103714

12.9317074,-0.451047,9.961919,1.530210,10.088846,81.276085,92.592415

12.9342222,-0.329013,9.777672,1.506282,9.898484,81.247124,91.927246

12.9367371,-0.214158,9.722338,1.362713,9.819710,82.023140,91.261871

12.9392519,0.042173,9.849456,1.108774,9.911757,83.577194,89.754669

12.9417677,0.346660,10.129716,1.103989,10.195592,83.783768,88.039986

12.9442835,0.588335,10.465010,1.424926,10.577948,82.258308,86.782257

12.9467983,0.851845,10.831410,1.949552,11.038381,79.827301,85.503181

12.9493141,1.091426,11.226825,2.339881,11.519890,78.280731,84.447388

12.9518290,1.242473,11.535798,2.617748,11.894157,77.285866,83.852608

12.9543438,1.283151,11.765808,2.764009,12.154031,76.855072,83.776054

12.9568586,1.129711,12.074781,2.720938,12.429002,77.354477,84.654991

12.9593744,0.868595,12.304791,2.574677,12.601243,78.210342,85.962189

12.9618893,0.602991,12.467802,2.459822,12.722437,78.851929,87.231110

12.9643888,0.413659,12.659228,2.392823,12.890026,79.301918,88.128441

12.9669037,0.190828,12.762419,2.330310,12.974826,79.653397,89.143356

12.9694185,0.095115,12.771990,2.287239,12.975524,79.847229,89.573318

12.9719324,-0.017647,12.781561,2.272882,12.982088,79.916786,90.079109

12.9744473,-0.091825,12.786346,2.246561,12.982533,80.035095,90.411461

12.9769621,-0.228515,12.736097,2.275275,12.939755,79.872688,91.027908

12.9794769,-0.288335,12.695121,2.383251,12.920105,79.370308,91.301094

12.9819908,-0.381655,12.606586,2.467000,12.851373,78.932579,91.734055

12.9845257,-0.647558,12.477374,2.455036,12.733083,78.883316,92.970901

12.9870405,-0.865604,12.290435,2.457429,12.563560,78.720238,94.028633

12.9895554,-1.066900,12.127423,2.388037,12.406264,78.902077,95.027603

12.9920712,-1.124328,11.950355,2.315953,12.224513,79.079216,95.374748

12.9945860,-1.105185,11.777772,2.256133,12.042736,79.202187,95.360741

12.9971008,-1.081257,11.641082,2.117349,11.881375,79.734634,95.306572

12.9996157,-0.980459,11.499906,2.028515,11.718533,80.031708,94.873138

13.0021315,-0.810569,11.372787,1.925624,11.563102,80.413773,94.076729

13.0046597,-0.649950,11.329716,1.760220,11.484044,81.183220,93.283279

13.0071745,-0.525524,11.296217,1.628615,11.425108,81.804741,92.663597

13.0096903,-0.372084,11.229218,1.585544,11.346705,81.967422,91.897820

13.0122051,-0.218943,11.207683,1.523032,11.312812,82.262840,91.119141

13.0147209,-0.048754,11.162218,1.458425,11.257197,82.556129,90.250252

13.0172358,0.085543,11.190932,1.432104,11.282517,82.707703,89.562042

13.0197525,0.202792,11.226825,1.400998,11.315720,82.887970,88.965172

13.0222673,0.351446,11.202896,1.343570,11.288649,83.164482,88.203163

13.0247698,0.420838,11.207683,1.249951,11.285018,83.640762,87.849609

13.0272846,0.607777,11.202896,1.226022,11.286160,83.763618,86.894646

13.0297995,0.720240,11.178968,1.192523,11.265443,83.923470,86.313637

13.0323143,0.782453,11.164612,1.192523,11.255350,83.917999,85.991074

13.0348291,0.880858,11.169397,1.199701,11.268125,83.888214,85.490784

13.0373459,1.024427,11.176576,1.127917,11.279960,84.261230,84.762993

13.0398607,1.089033,11.119147,1.101596,11.226529,84.368828,84.406166

13.0423756,1.139582,11.037493,1.089632,11.149537,84.391594,84.105301

13.0448895,1.242473,10.972886,1.063311,11.094079,84.500053,83.539848

13.0474043,1.345365,10.872388,1.072882,11.007720,84.406715,82.945999

13.0499191,1.508376,10.683056,1.036990,10.838737,84.509865,81.963348

13.0524340,1.644766,10.512866,0.967299,10.684628,84.805801,81.108002

13.0549488,1.781456,10.316655,0.996012,10.516606,84.565453,80.202911

13.0574636,1.917847,10.163215,0.957727,10.386834,84.709480,79.313675

13.0599804,2.071287,9.983455,0.986441,10.243665,84.473984,78.279015

13.0624952,2.217548,9.760623,0.976870,10.056916,84.425835,77.200058

13.0650110,2.337189,9.545269,0.996012,9.877584,84.212708,76.241638

13.0675259,2.420938,9.336794,0.955334,9.692746,84.343643,75.463890

13.0700407,2.528914,9.066106,1.046561,9.470215,83.655243,74.414001

13.0725555,2.607877,8.821739,1.101596,9.264859,83.171349,73.531296

13.0750713,2.727519,8.598907,1.132702,9.091951,82.843323,72.401306

13.0775862,2.754139,8.347362,1.216451,8.873753,82.120842,71.740143

13.0801020,2.833102,8.105388,1.302892,8.684544,81.371666,70.733788

13.0826168,2.859423,7.870592,1.333999,8.479508,80.948608,70.033676

13.0851355,2.924029,7.631310,1.393819,8.290330,80.321129,69.035057

13.0876503,2.974278,7.415657,1.479961,8.125797,79.506081,68.145218

13.0901651,3.091826,7.286145,1.628615,8.080822,78.372925,67.006393

13.0926809,3.189932,7.200003,1.709971,8.058518,77.749031,66.104462

13.0951967,3.201896,7.092326,1.741078,7.973994,77.388184,65.702766

13.0977116,3.218646,7.005886,1.827518,7.923505,76.664940,65.324997

13.1002264,3.170789,6.941279,1.906481,7.865744,75.973083,65.448990

13.1027422,3.103790,6.806982,1.968695,7.735908,75.256760,65.488365

13.1052675,3.012863,6.749555,2.091028,7.681551,74.203926,65.944992

13.1077833,2.952743,6.658627,2.263311,7.627489,72.738647,66.085289

13.1102982,2.866601,6.651449,2.426322,7.638469,71.479431,66.685211

13.1128139,2.888137,6.610771,2.440679,7.615808,71.308327,66.400276

13.1153288,2.821138,6.562914,2.488536,7.564620,70.793709,66.739037

13.1178455,2.696412,6.570093,2.555535,7.547683,70.209290,67.686409

13.1203604,2.600699,6.603592,2.584249,7.553106,69.992462,68.503944

13.1228762,2.598306,6.620342,2.596213,7.571026,69.945473,68.571327

13.1253786,2.636591,6.641878,2.622833,7.612188,69.845245,68.348663

13.1278934,2.682055,6.680162,2.608177,7.656407,70.083351,68.124763

13.1304092,2.717947,6.708877,2.577070,7.683590,70.403183,67.945801

13.1329241,2.773281,6.785447,2.581856,7.771702,70.596886,67.769661

13.1354399,2.861816,6.835995,2.533999,7.832112,71.122871,67.283897

13.1379547,2.947958,6.955637,2.426322,7.934631,72.194366,67.031662

13.1404696,3.051148,7.142576,2.332703,8.109710,73.283089,66.868919

13.1429853,3.161218,7.312466,2.323132,8.298337,73.742691,66.620918

13.1455021,3.271288,7.578368,2.320739,8.574311,74.296349,66.652016

13.1480169,3.326622,7.863413,2.306382,8.844155,74.883629,67.069176

13.1505318,3.424727,8.105388,2.320739,9.100104,75.225029,67.094734

13.1530485,3.513262,8.356933,2.351846,9.365496,75.456314,67.198074

13.1555634,3.556632,8.625228,2.337489,9.618110,75.934563,67.591087

13.1580782,3.621238,8.864810,2.315953,9.851997,76.403984,67.780190

13.1605930,3.664309,9.233903,2.313560,10.200230,76.890396,68.355232

13.1631088,3.654737,9.562018,2.342274,10.501217,77.111885,69.082443

13.1656256,3.640381,9.842278,2.347060,10.753208,77.392792,69.701988

13.1681414,3.573381,10.089038,2.311167,10.949851,77.815033,70.496643

13.1706572,3.602095,10.246964,2.260918,11.094462,78.241440,70.631996

13.1731720,3.587739,10.476974,2.229812,11.296499,78.615646,71.096725

13.1756868,3.527619,10.663913,2.167598,11.439476,79.077324,71.695801

13.1782026,3.439084,10.896317,2.181955,11.632624,79.188873,72.483315

13.1807175,3.293122,11.068600,2.160420,11.748446,79.403587,73.431244

13.1832323,3.177968,11.099706,2.153241,11.744761,79.435852,74.023003

13.1857500,3.075076,10.996815,2.102992,11.610710,79.564697,74.377235

13.1882658,2.988636,10.917851,2.040479,11.501956,79.781479,74.690971

13.1907806,2.842673,10.886744,2.071586,11.440868,79.567970,75.366051

13.1932955,2.638984,10.795519,2.047658,11.300459,79.560257,76.263336

13.1958113,2.420938,10.754841,1.997409,11.203445,79.730103,77.314041

13.1983261,2.279762,10.637592,2.050051,11.070609,79.328400,77.903816

13.2008419,2.116751,10.599307,2.069193,11.004886,79.162453,78.706238

13.2033577,1.994717,10.604093,2.091028,10.990818,79.032494,79.346687

13.2058821,1.893919,10.553544,2.083550,10.922701,79.003204,79.826103

13.2083988,1.793421,10.560722,2.107778,10.917323,78.868156,80.361984

13.2109137,1.695315,10.524831,2.150848,10.875307,78.593208,80.849533

13.2134295,1.661516,10.426724,2.162812,10.777522,78.423386,80.945946

13.2159452,1.728814,10.156036,2.169991,10.528188,78.105370,80.339409

13.2184601,1.613660,9.926026,2.196312,10.293381,77.680008,80.766289

13.2209759,1.470090,9.866206,2.260918,10.228145,77.229362,81.525131

13.2234917,1.388435,9.933205,2.368894,10.305725,76.711052,82.042908

13.2259960,1.311865,9.973883,2.431108,10.349378,76.414047,82.506897

13.2285109,1.197010,9.942777,2.452643,10.310534,76.238701,83.135208

13.2310257,1.129711,9.880563,2.478964,10.249246,76.003181,83.477310

13.2335415,1.062712,9.878170,2.579463,10.264562,75.445671,83.859627

13.2360563,1.024427,9.856635,2.591427,10.242958,75.345131,84.066399

13.2385721,0.990928,9.866206,2.620141,10.256174,75.198586,84.264641

13.2410870,0.990928,9.849456,2.673082,10.253736,74.888786,84.254951

13.2436028,0.938286,9.763016,2.689832,10.170155,74.663773,84.510384

13.2461185,0.772882,9.868599,2.764009,10.277468,74.398872,85.521889

13.2486334,0.708275,9.902099,2.787937,10.311440,74.313522,85.908722

13.2511492,0.686740,9.806385,2.756831,10.209648,74.334419,85.994125

13.2536640,0.588335,9.768100,2.764009,10.168660,74.227615,86.553223

13.2561798,0.528515,9.780065,2.773581,10.179477,74.188828,86.906746

13.2586956,0.506979,9.751051,2.742474,10.142050,74.311554,87.023743

13.2612104,0.389731,9.724730,2.673082,10.092950,74.642166,87.705025

13.2637253,0.368196,9.691231,2.586641,10.037242,75.066109,87.824226

13.2662411,0.353839,9.640982,2.536392,9.975320,75.269859,87.898102

13.2687559,0.262612,9.566804,2.548356,9.903879,75.089561,88.427605

13.2712717,0.224327,9.528519,2.457429,9.842863,75.542244,88.651352

13.2737865,0.207577,9.449257,2.419144,9.756219,75.643219,88.741554

13.2763023,0.231506,9.389436,2.364109,9.685252,75.871719,88.587601

13.2788181,0.188435,9.327223,2.320739,9.613450,76.030495,88.842628

13.2813330,0.176471,9.293723,2.299203,9.575530,76.106827,88.912186

13.2838478,0.183649,9.248260,2.289632,9.529242,76.097267,88.862389

13.2863655,0.205185,9.147462,2.241776,9.420388,76.233200,88.715027

13.2888823,0.190828,9.049356,2.167598,9.307296,76.532585,88.791962

13.2913971,0.159721,8.999106,2.203490,9.266326,76.243538,88.983192

13.2939129,0.183649,8.907881,2.093421,9.152403,76.777740,88.818932

13.2964277,0.262612,8.833703,2.030908,9.067958,77.057961,88.297188

13.2989426,0.300897,8.826525,2.040479,9.064305,76.990562,88.047539

13.3014584,0.310469,8.795418,2.011766,9.027900,77.124176,87.978363

13.3039732,0.341875,8.718847,1.985445,8.948585,77.180962,87.754524

13.3064947,0.361017,8.591729,1.951945,8.818063,77.211220,87.593895

13.3090096,0.315254,8.515159,1.963909,8.744384,77.021179,87.879723

13.3115253,0.176471,8.563015,2.066801,8.810678,76.433189,88.819389

13.3140402,0.140578,8.632407,2.083550,8.881407,76.432137,89.067024

13.3165560,0.190828,8.670691,2.004587,8.901443,76.985481,88.739220

13.3190727,0.142971,8.771489,1.978266,8.992941,77.292152,89.066185

13.3215876,0.032602,8.860024,1.973480,9.077209,77.443016,89.789169

13.3241034,-0.087039,8.912666,1.918446,9.117216,77.853027,90.559517

13.3266058,-0.137288,8.946166,1.904089,9.147584,77.985916,90.879196

13.3291206,-0.206979,9.087642,1.939981,9.294708,77.952713,91.304733

13.3316355,-0.273978,9.183354,1.966302,9.395499,77.919762,91.708870

13.3341522,-0.240479,9.248260,1.901696,9.444818,78.384201,91.489502

13.3366671,-0.163609,9.296116,1.963909,9.502709,78.072823,91.008286

13.3391819,-0.077468,9.317652,1.942374,9.518270,78.225060,90.476349

13.3416967,-0.084646,9.355937,1.887339,9.544777,78.595444,90.518356

13.3442125,-0.118146,9.403793,1.944767,9.603510,78.316467,90.719803

13.3467274,-0.120538,9.348758,1.942374,9.549169,78.263702,90.738701

13.3492422,-0.166002,9.315259,1.966302,9.521972,78.082588,91.020927

13.3517580,-0.226122,9.286545,1.975873,9.497111,77.991905,91.394844

13.3542738,-0.245264,9.291330,1.973480,9.501768,78.012627,91.512093

13.3567886,-0.247657,9.298509,1.971088,9.508353,78.035789,91.525658

13.3593035,-0.309871,9.241081,1.978266,9.455535,77.923485,91.920517

13.3618193,-0.297906,9.224032,1.966302,9.435987,77.972374,91.849823

13.3643341,-0.314656,9.180962,1.956731,9.392436,77.975471,91.962914

13.3668499,-0.324227,9.152247,1.961516,9.365699,77.910683,92.028915

13.3693647,-0.319442,9.113962,1.971088,9.330141,77.803787,92.007378

13.3718815,-0.343370,9.061320,1.930410,9.271026,77.981964,92.170128

13.3743963,-0.374477,8.970393,1.928017,9.182888,77.880135,92.390472

13.3769112,-0.405583,8.888738,1.961516,9.111625,77.568268,92.612534

13.3794260,-0.496810,8.869596,1.959123,9.096961,77.563339,93.205940

13.3819418,-0.489631,8.843274,1.961516,9.071427,77.512291,93.169098

13.3844566,-0.506381,8.840881,1.951945,9.067949,77.569359,93.278160

13.3869705,-0.434297,8.809774,1.963909,9.036464,77.447647,92.822235

13.3894854,-0.379262,8.802596,1.995016,9.033804,77.241684,92.467079

13.3920002,-0.424726,8.833703,1.990230,9.065082,77.317451,92.752670

13.3945169,-0.487238,8.778668,2.002194,9.017273,77.171127,93.176804

13.3970318,-0.467797,8.788239,2.035694,9.033052,76.975922,93.046974

13.3995466,-0.410369,8.833703,2.040479,9.075586,77.007019,92.659760

13.4020615,-0.417548,8.893523,2.002194,9.125671,77.326065,92.688042

13.4045773,-0.429512,8.917452,1.987837,9.146416,77.447441,92.757538

13.4070711,-0.417548,8.910274,1.987837,9.138864,77.436897,92.682999

13.4095850,-0.446261,8.852845,1.947159,9.075431,77.610703,92.885773

13.4120998,-0.492024,8.848060,1.913660,9.065999,77.814293,93.182831

13.4146147,-0.460618,8.771489,1.913660,8.989620,77.709145,93.006020

13.4171295,-0.403191,8.757133,1.916053,8.973360,77.670891,92.636116

13.4196434,-0.396012,8.754740,1.846661,8.956141,78.100868,92.589951

13.4221582,-0.417548,8.759525,1.820340,8.956409,78.273254,92.729103

13.4246731,-0.487238,8.737990,1.769791,8.928720,78.567497,93.191559

13.4272194,-0.467797,8.749954,1.767399,8.938916,78.596367,93.060280

13.4297342,-0.484846,8.745169,1.779363,8.937515,78.516296,93.173317

13.4322500,-0.487238,8.740383,1.733899,8.924019,78.796410,93.190689

13.4347649,-0.465404,8.711669,1.750649,8.898008,78.653252,93.058006

13.4372807,-0.508774,8.697312,1.832304,8.902777,78.122925,93.347862

13.4397955,-0.453440,8.742776,1.853839,8.948657,78.043793,92.968956

13.4423122,-0.460618,8.788239,1.892125,9.001414,77.865753,93.000298

13.4448271,-0.484846,8.881559,1.925624,9.100835,77.784592,93.124687

13.4473352,-0.458226,8.958130,1.959123,9.181297,77.679382,92.928238

13.4498501,-0.489631,9.018250,1.975873,9.245141,77.659546,93.107727

13.4523668,-0.415155,9.070891,2.078765,9.315293,77.105522,92.620476

13.4548817,-0.340977,9.078070,2.126920,9.330134,76.822861,92.151047

13.4573965,-0.338584,9.135498,2.229812,9.409783,76.292381,92.122551

13.4599113,-0.345763,9.190533,2.313560,9.483565,75.879929,92.154541

13.4624271,-0.369691,9.166604,2.270490,9.450842,76.099174,92.309502

13.4649420,-0.381655,9.125926,2.248954,9.406698,76.167747,92.394768

13.4674549,-0.400798,9.130713,2.215455,9.404190,76.374092,92.513420

13.4699697,-0.463011,9.042177,2.184348,9.313792,76.436180,92.931313

13.4724855,-0.515952,8.934201,2.122135,9.197261,76.659622,93.305176

13.4750013,-0.523131,8.855238,2.054837,9.105562,76.957825,93.380867

13.4775162,-0.561416,8.761918,2.030908,9.011714,76.975769,93.666191

13.4800310,-0.590130,8.663513,2.047658,8.921749,76.731598,93.896782

13.4825468,-0.599701,8.632407,1.983052,8.877533,77.092445,93.974007

13.4850616,-0.671486,8.649157,2.042872,8.912470,76.749138,94.439308

13.4875784,-0.669093,8.610871,2.033301,8.872942,76.752525,94.443146

13.4900932,-0.585344,8.505588,2.028515,8.763704,76.616501,93.936821

13.4926090,-0.642772,8.536694,2.069193,8.807375,76.411987,94.305969

13.4951248,-0.733699,8.594122,2.131706,8.884898,76.117912,94.879639

13.4976397,-0.712164,8.625228,2.155634,8.918996,76.013680,94.720062

13.5001545,-0.704985,8.598907,2.184348,8.899977,75.792580,94.686935

13.5026693,-0.669093,8.653942,2.215455,8.958049,75.681351,94.421120

13.5051851,-0.664307,8.718847,2.265704,9.032886,75.473465,94.357071

13.5077105,-0.606880,8.793025,2.327917,9.116183,75.205025,93.948196

13.5102262,-0.582951,8.874381,2.356930,9.200521,75.156868,93.758316

13.5127411,-0.606880,9.070891,2.294418,9.376231,75.835556,93.827614

13.5152578,-0.602094,9.219247,2.282454,9.516650,76.123024,93.736588

13.5177727,-0.599701,9.308080,2.172384,9.577017,76.889313,93.686356

13.5202885,-0.630808,9.379865,2.086242,9.629756,77.487923,93.847420

13.5228033,-0.666700,9.463614,1.920838,9.679571,78.554108,94.029762

13.5253191,-0.683450,9.530911,1.846661,9.732190,79.061935,94.101593

13.5278196,-0.697807,9.526126,1.753042,9.711187,79.600082,94.189545

13.5303345,-0.664307,9.523733,1.707578,9.698382,79.859169,93.990082

13.5328503,-0.616451,9.511769,1.736292,9.688575,79.676239,93.708115

13.5353651,-0.559023,9.430114,1.837090,9.623640,78.995071,93.392563

13.5378799,-0.475274,9.288938,1.892125,9.491595,78.501205,92.929024

13.5403948,-0.403191,9.221640,1.913660,9.426733,78.287346,92.503502

13.5429106,-0.336192,9.207282,1.916053,9.410543,78.252029,92.091148

13.5454254,-0.262014,9.152247,1.844268,9.339893,78.611458,91.639839

13.5479422,-0.264407,9.140284,1.786541,9.316997,78.945023,91.656967

13.5504570,-0.290728,9.142676,1.702792,9.304438,79.454948,91.821335

13.5529737,-0.307478,9.185747,1.609472,9.330750,80.067307,91.917168

13.5554886,-0.319442,9.192925,1.544567,9.327251,80.468071,91.990150

13.5580034,-0.326620,9.253045,1.470389,9.374837,80.976227,92.021629

13.5605183,-0.372084,9.308080,1.472782,9.431218,81.015900,92.289139

13.5630341,-0.422333,9.365508,1.467997,9.489264,81.100555,92.581978

13.5655489,-0.422333,9.408579,1.561616,9.546641,80.585388,92.570175

13.5680599,-0.424726,9.430114,1.664507,9.585302,79.999779,92.578819

13.5705757,-0.381655,9.444471,1.683650,9.600957,79.900230,92.314087

13.5730906,-0.362513,9.446864,1.736292,9.611938,79.593010,92.197578

13.5756063,-0.324227,9.461221,1.776970,9.632105,79.368950,91.962708

13.5781212,-0.269193,9.430114,1.779363,9.600294,79.318779,91.635124

13.5806360,-0.285942,9.434899,1.709971,9.592867,79.731903,91.735924

13.5831509,-0.317049,9.375079,1.623829,9.519950,80.178970,91.936905

13.5856657,-0.362513,9.403793,1.515853,9.532081,80.849609,92.207634

13.5881824,-0.388834,9.387043,1.458425,9.507617,81.176247,92.371971

13.5906973,-0.412762,9.322437,1.475175,9.447452,81.016777,92.535179

13.5932121,-0.460618,9.322437,1.441676,9.444492,81.219627,92.828667

13.5957279,-0.525524,9.305687,1.427319,9.429169,81.293518,93.232254

13.5982428,-0.621237,9.308080,1.412962,9.435186,81.387299,93.818352

13.6007586,-0.678664,9.346365,1.410569,9.476542,81.439796,94.153107

13.6032734,-0.753141,9.343972,1.331606,9.468379,81.915283,94.608177

13.6057882,-0.856032,9.367901,1.324427,9.499708,81.985847,95.221146

13.6083155,-0.934995,9.413364,1.355534,9.556313,81.845261,95.672379

13.6108303,-1.038186,9.399008,1.350748,9.552156,81.870689,96.303169

13.6133461,-1.131506,9.461221,1.331606,9.621235,82.044563,96.819847

13.6158609,-1.270290,9.502198,1.338784,9.679760,82.050072,97.614372

13.6183777,-1.363909,9.547662,1.333999,9.736408,82.125053,98.129852

13.6208925,-1.426122,9.609875,1.305285,9.802412,82.347794,98.441185

13.6234083,-1.555634,9.631411,1.310070,9.843798,82.352051,99.174988

13.6259232,-1.670489,9.681660,1.290928,9.909165,82.514450,99.789520

13.6284304,-1.787738,9.731909,1.336391,9.984589,82.308136,100.409103

13.6309452,-1.874178,9.755837,1.312463,10.020552,82.473938,100.874512

13.6334600,-1.931606,9.758230,1.319642,10.034720,82.443283,101.196747

13.6359749,-2.048854,9.727123,1.336391,10.029989,82.343163,101.894516

13.6384907,-2.085046,9.717552,1.362713,10.031712,82.192780,102.110054

13.6410055,-2.113760,9.715159,1.384248,10.038349,82.073883,102.274734

13.6435204,-2.144866,9.710373,1.398605,10.042305,81.994316,102.455727

13.6460352,-2.183151,9.739087,1.417747,10.080971,81.915352,102.634773

13.6485519,-2.197509,9.686445,1.451247,10.038047,81.687355,102.782013

13.6510668,-2.199901,9.719945,1.501496,10.078263,81.431969,102.752815

13.6535826,-2.195116,9.679267,1.552045,10.045675,81.112274,102.777710

13.6560974,-2.171187,9.652946,1.590330,10.021106,80.868668,102.676285

13.6586123,-2.149652,9.636196,1.650150,10.010009,80.511475,102.575684

13.6611271,-2.077867,9.617053,1.671686,9.979969,80.357269,102.191956

13.6636429,-2.044069,9.595518,1.700400,9.957085,80.167244,102.025581

13.6661587,-2.048854,9.528519,1.731506,9.898919,79.926071,102.135162

13.6686745,-2.032105,9.518948,1.769791,9.893026,79.694725,102.050613

13.6711903,-1.969891,9.518948,1.820340,9.889614,79.393326,101.691986

13.6737051,-1.938785,9.449257,1.841875,9.820379,79.189789,101.594940

13.6762199,-1.931606,9.437292,1.913660,9.821185,78.764030,101.567421

13.6787348,-1.850250,9.387043,1.896910,9.753884,78.785805,101.150452

13.6812506,-1.821536,9.365508,1.892125,9.726812,78.782928,101.006279

13.6837654,-1.766202,9.370294,1.916053,9.725900,78.638115,100.674416

13.6862812,-1.759024,9.358330,1.892125,9.708380,78.761353,100.645302

13.6887941,-1.689632,9.389436,1.904089,9.728408,78.712944,100.201218

13.6913099,-1.636990,9.399008,1.872982,9.722610,78.892998,99.879890

13.6938248,-1.627419,9.413364,1.899303,9.739984,78.755241,99.808556

13.6963396,-1.569991,9.401401,1.939981,9.727011,78.495628,99.480652

13.6988544,-1.567598,9.387043,2.035694,9.732317,77.926376,99.480675

13.7013702,-1.509871,9.379865,2.066801,9.722820,77.726875,99.144424

13.7038851,-1.502693,9.382257,2.143670,9.740645,77.286575,99.099396

13.7063999,-1.495514,9.427721,2.169991,9.789145,77.192673,99.013695

13.7089205,-1.423729,9.477970,2.110170,9.813855,77.583328,98.542793

13.7114353,-1.423729,9.612267,2.023730,9.925632,78.235512,98.425163

13.7139511,-1.373480,9.799207,1.937588,10.082914,78.920815,97.978737

13.7164660,-1.404587,10.098609,1.949552,10.380535,79.175087,97.918304

13.7189808,-1.497907,10.680663,2.002194,10.969460,79.483162,97.983360

13.7214975,-1.248754,11.768201,2.141277,12.026429,79.743942,96.057137

13.7240124,-0.034397,13.282259,2.481357,13.512096,79.418167,90.148376

13.7265272,1.997110,14.896816,2.646761,15.261353,80.012749,82.364296

13.7290363,3.319443,16.147066,2.361716,16.653053,81.846893,78.383224

13.7315521,3.036791,16.875381,2.088635,17.273188,83.054932,79.798584

13.7340670,1.824527,16.894524,1.695614,17.077147,84.301628,83.836220

13.7365818,0.444766,16.492231,1.324427,16.551302,85.410309,88.455208

13.7390966,-0.367298,15.938890,1.168595,15.985892,85.807846,91.320099

13.7416115,-0.326620,15.368502,1.120738,15.412773,85.830063,91.217499

13.7441273,0.346660,14.906387,1.113560,14.951942,85.728889,88.667778

13.7466421,1.185045,14.532509,1.216451,14.631401,85.230934,85.338165

13.7491493,2.035395,14.170894,1.491925,14.393849,84.050598,81.826393

13.7516642,2.739483,13.722837,1.635793,14.088891,83.332626,78.710480

13.7541790,3.256931,13.275081,1.619044,13.764326,83.244881,76.215233

13.7566938,3.563810,12.733705,1.578366,13.316877,83.193092,74.364540

13.7592087,3.719344,12.182757,1.544567,12.831163,83.086182,73.022797

13.7617245,3.798307,11.686845,1.654936,12.399528,82.329979,71.995476

13.7642393,3.817749,11.255539,1.736292,12.011539,81.688660,71.263657

13.7667542,3.853641,10.944173,1.868196,11.752260,80.853180,70.601913

13.7692719,3.870391,10.776376,2.066801,11.635371,79.768204,70.243988

13.7717867,3.937390,10.678270,2.155634,11.583405,79.274918,69.759598

13.7743015,4.006782,10.599307,2.225026,11.547742,78.890739,69.292259

13.7768164,4.021139,10.618449,2.177170,11.561189,79.145409,69.258644

13.7793322,3.992424,10.647163,2.158027,11.574049,79.254089,69.445190

13.7818470,3.894319,10.613664,2.227419,11.522888,78.854347,69.851128

13.7843618,3.791128,10.668699,2.227419,11.539289,78.870384,70.437302

13.7868767,3.697808,10.697412,2.318346,11.553491,78.424332,70.931107

13.7893772,3.594917,10.718948,2.392823,11.556162,78.049866,71.459595

13.7918921,3.451048,10.771590,2.478964,11.579385,77.638191,72.235359

13.7944059,3.355335,10.785947,2.510071,11.571318,77.471703,72.719917

13.7969208,3.317050,10.747662,2.462214,11.514233,77.652466,72.848206

13.7994356,3.266502,10.695020,2.356930,11.428411,78.098236,73.016136

13.8019495,3.221038,10.630414,2.258525,11.334978,78.506737,73.143082

13.8044643,3.151647,10.510473,2.191526,11.189536,78.705330,73.308235

13.8069801,3.022434,10.405190,2.129313,11.042511,78.882088,73.802811

13.8095236,2.892923,10.232607,2.047658,10.829042,79.100349,74.213547

13.8120384,2.741876,10.084252,2.018944,10.643598,79.065529,74.789185

13.8145533,2.548057,9.993026,2.016551,10.508075,78.936028,75.695335

13.8170691,2.423331,9.854242,2.076372,10.358086,78.436195,76.184113

13.8195839,2.334797,9.823135,2.198705,10.333420,77.714912,76.629829

13.8220997,2.239084,9.748658,2.337489,10.271986,76.846565,77.064583

13.8246155,2.128715,9.705587,2.390430,10.219785,76.473083,77.629265

13.8271303,2.056930,9.569197,2.457429,10.091554,75.905998,77.868683

13.8296366,1.934597,9.550055,2.502892,10.060352,75.594208,78.548309

13.8321514,1.704886,9.509377,2.529213,9.986581,75.329422,79.835724

13.8346663,1.525125,9.427721,2.533999,9.880743,75.139984,80.810852

13.8371830,1.400399,9.238688,2.598605,9.698826,74.458878,81.380722

13.8396978,1.256830,9.020642,2.567499,9.462751,74.256760,82.068146

13.8422127,1.230509,8.740383,2.567499,9.192415,73.781197,81.986320

13.8447275,1.112962,8.534301,2.522035,8.968480,73.667503,82.569962

13.8472424,0.964607,8.318648,2.510071,8.742473,73.314850,83.385689

13.8497610,0.863809,8.059924,2.500500,8.482985,72.856468,83.882767

13.8522778,0.758525,7.808379,2.416751,8.208948,72.878174,84.451561

13.8547926,0.672383,7.597511,2.339881,7.978052,72.944984,84.942474

13.8573074,0.540479,7.367800,2.323132,7.744258,72.543526,85.804474

13.8598223,0.442373,7.142576,2.280061,7.510710,72.327568,86.455933

13.8623381,0.320040,7.017850,2.301596,7.392563,71.860031,87.388908

13.8648529,0.243470,7.017850,2.280061,7.382965,72.011429,88.013039

13.8673677,0.202792,6.981957,2.313560,7.358085,71.673943,88.336304

13.8698797,0.219541,6.989136,2.258525,7.348276,72.100128,88.200829

13.8723946,0.164507,7.238288,2.205883,7.568738,73.055420,88.698044

13.8749094,0.162114,7.494620,2.186741,7.808805,73.737694,88.760849

13.8774252,0.212363,7.743773,2.028515,8.007870,75.326225,88.429131

13.8799400,0.279362,8.081459,1.851447,8.295534,77.103775,88.020172

13.8824558,0.329611,8.457730,1.865803,8.667356,77.568756,87.768219

13.8849707,0.332004,8.888738,1.837090,9.082664,78.330658,87.860931

13.8874855,0.351446,9.238688,1.733899,9.406555,79.377998,87.821480

13.8900003,0.430409,9.609875,1.607080,9.752828,80.515495,87.435539

13.8925152,0.471087,9.954741,1.542174,10.084497,81.203514,87.290619

13.8950310,0.533300,10.280463,1.412962,10.390803,82.184593,87.030434

13.8975468,0.569193,10.570294,1.300499,10.665196,82.996002,86.917694

13.9000616,0.595514,10.819447,1.218844,10.904157,83.582184,86.849556

13.9025764,0.573978,11.013564,1.185344,11.092029,83.865402,87.016693

13.9050913,0.614955,11.114362,1.142274,11.189816,84.140953,86.833061

13.9076071,0.612563,11.176576,1.096810,11.246959,84.403587,86.862885

13.9101276,0.693919,11.200503,1.022633,11.268477,84.793152,86.454819

13.9126425,0.873679,11.212468,0.864407,11.279626,85.604866,85.544495

13.9151583,1.026820,11.219646,0.775873,11.293220,86.060532,84.770866

13.9176731,1.124926,11.131112,0.792623,11.215854,85.947540,84.229202

13.9201880,1.146760,10.992029,0.864407,11.085440,85.527718,84.044075

13.9227037,1.165903,10.838888,0.914656,10.939717,85.203972,83.860489

13.9252186,1.189831,10.663913,0.976870,10.774461,84.798119,83.633530

13.9277334,1.199402,10.541580,1.125524,10.669128,83.944397,83.508904

13.9302454,1.240080,10.328619,1.264308,10.479343,83.070518,83.153694

13.9327602,1.323829,10.110573,1.374677,10.289118,82.322044,82.540405

13.9352760,1.410270,9.880563,1.412962,10.080220,81.942215,81.876938

13.9377909,1.470090,9.664909,1.484746,9.888181,81.364166,81.351265

13.9403067,1.556232,9.511769,1.525424,9.758204,81.006508,80.708099

13.9428215,1.637588,9.346365,1.592723,9.621487,80.471504,80.062012

13.9453363,1.695315,9.216854,1.602294,9.507463,80.297630,79.577721

13.9478512,1.776671,9.078070,1.635793,9.393813,79.971664,78.926598

13.9503679,1.762314,8.948559,1.611865,9.261780,79.977547,78.858841

13.9528837,1.776671,8.790632,1.628615,9.115051,79.707520,78.573898

13.9553986,1.817349,8.668299,1.635793,9.006552,79.535713,78.159172

13.9579134,1.831706,8.551051,1.642972,8.898032,79.359596,77.909485

13.9604282,1.855634,8.452945,1.683650,8.816481,78.990822,77.618538

13.9629440,1.925026,8.476873,1.693221,8.856077,78.977577,77.205605

13.9654589,1.946860,8.448159,1.614258,8.818587,79.452431,77.022865

13.9679737,1.977967,8.423932,1.564009,8.793242,79.754585,76.786133

13.9704895,1.982753,8.419147,1.549353,8.787140,79.844490,76.748024

13.9730053,1.973181,8.438588,1.506282,8.796142,80.139877,76.839081

13.9755201,1.999502,8.419147,1.491925,8.780995,80.217773,76.640068

13.9780350,2.059323,8.390432,1.475175,8.764491,80.310272,76.210075

13.9805508,2.085644,8.388040,1.467997,8.767220,80.360901,76.036850

13.9830656,2.152643,8.431410,1.472782,8.825624,80.393784,75.677643

13.9855804,2.246262,8.426325,1.441676,8.838952,80.612846,75.073395

13.9880953,2.318047,8.474481,1.372284,8.892319,81.122498,74.701942

13.9906120,2.339582,8.500801,1.384248,8.924876,81.077408,74.612083

13.9931278,2.459224,8.558229,1.367498,9.008947,81.269135,73.967896

13.9956427,2.519343,8.565408,1.331606,9.026986,81.517120,73.609810

13.9981575,2.591128,8.613264,1.333999,9.092954,81.563866,73.257141

14.0006723,2.689234,8.702098,1.324427,9.203944,81.726540,72.827133

14.0031881,2.782853,8.745169,1.326820,9.272685,81.773361,72.348099

14.0057030,2.921636,8.814561,1.286142,9.374785,82.114632,71.661926

14.0082178,3.020041,8.905488,1.300499,9.493138,82.126083,71.267105

14.0107393,3.127718,8.962915,1.261915,9.576477,82.427979,70.762947

14.0132542,3.225824,9.058928,1.180559,9.688334,83.000908,70.399521

14.0157700,3.256931,9.109177,1.068096,9.732704,83.699501,70.325798

14.0182848,3.268895,9.149855,1.051346,9.772965,83.824341,70.340126

14.0208006,3.307479,9.248260,1.051346,9.878009,83.890266,70.321297

14.0233164,3.300301,9.329616,1.065703,9.953363,83.853577,70.519043

14.0258312,3.266502,9.434899,1.072882,10.041835,83.866745,70.903389

14.0283470,3.221038,9.552447,1.051346,10.135565,84.046089,71.366150

14.0308571,3.223431,9.562018,1.017847,10.141929,84.240082,71.370636

14.0333729,3.209074,9.657731,0.998405,10.225788,84.396942,71.619370

14.0358877,3.189932,9.729516,1.020240,10.289803,84.309738,71.847687

14.0384026,3.156432,9.758230,1.044168,10.309045,84.186737,72.075493

14.0409174,3.134897,9.799207,1.092024,10.346233,83.941261,72.259834

14.0434332,3.108576,9.808778,1.089632,10.347109,83.955101,72.415665

14.0459490,2.993421,9.844670,1.135095,10.352128,83.704948,73.087311

14.0484638,2.957529,9.815957,1.137488,10.314740,83.668663,73.232544

14.0509739,2.916851,9.719945,1.209273,10.219965,83.204582,73.296066

14.0534897,2.931208,9.669696,1.242772,10.180347,82.988091,73.136192

14.0560055,2.852245,9.619446,1.237987,10.109483,82.966019,73.484474

14.0585203,2.770889,9.535697,1.223630,10.005229,82.975197,73.797157

14.0610352,2.749353,9.470792,1.230808,9.938296,82.885941,73.812088

14.0635500,2.677269,9.422935,1.235594,9.873508,82.811028,74.138947

14.0660648,2.643770,9.408579,1.221237,9.848974,82.877197,74.304863

14.0685806,2.550450,9.372686,1.245165,9.792981,82.695137,74.777534

14.0710993,2.478665,9.348758,1.226022,9.749163,82.775543,75.150650

14.0736151,2.418545,9.322437,1.199701,9.705487,82.899475,75.456230

14.0761299,2.313261,9.305687,1.216451,9.665751,82.770058,76.040047

14.0786448,2.260619,9.315259,1.237987,9.665250,82.640976,76.359215

14.0811596,2.231905,9.336794,1.180559,9.672169,82.989151,76.556068

14.0836754,2.119143,9.365508,1.132702,9.668842,83.272362,77.250320

14.0861912,2.047359,9.346365,1.094417,9.630367,83.474678,77.644287

14.0887060,2.049752,9.377472,1.087239,9.660256,83.537804,77.670067

14.0912218,2.049752,9.422935,1.082453,9.703860,83.595398,77.727753

14.0937366,2.037788,9.489935,1.039382,9.761750,83.887848,77.880829

14.0962524,2.059323,9.466006,1.082453,9.747707,83.624329,77.726585

14.0987673,2.013859,9.516555,1.029811,9.781664,83.956718,78.051544

14.1012821,1.994717,9.562018,1.063311,9.825565,83.787354,78.216614

14.1037970,1.927419,9.590733,1.044168,9.838058,83.907402,78.636818

14.1063137,1.872384,9.640982,0.917049,9.863839,84.665459,79.009354

14.1088285,1.802992,9.703195,0.852443,9.906030,85.063423,79.473679

14.1113482,1.673779,9.772886,0.761516,9.944383,85.608131,80.281380

14.1138639,1.592124,9.782457,0.734896,9.938380,85.759384,80.755989

14.1163788,1.491626,9.799207,0.811765,9.945269,85.318123,81.344933

14.1188955,1.386042,9.875777,0.876371,10.011000,84.977852,82.010849

14.1214104,1.316651,9.868599,0.902692,9.996882,84.819283,82.400581

14.1239262,1.228116,9.875777,0.967299,9.998746,84.448410,82.911293

14.1264410,1.173081,9.945169,0.957727,10.059809,84.536980,83.272766

14.1289558,1.112962,9.942777,1.003191,10.055043,84.274078,83.613083

14.1314650,1.014856,10.019346,1.025025,10.122643,84.188232,84.216255

14.1339798,0.981356,10.019346,1.075275,10.124553,83.903419,84.405945

14.1364946,0.871287,9.971490,1.123131,10.072297,83.597809,85.006302

14.1390104,0.820738,9.952348,1.144667,10.051522,83.460976,85.285667

14.1415253,0.775275,9.904491,1.264308,10.014913,82.747482,85.524300

14.1440401,0.732204,9.863813,1.307678,9.977022,82.468636,85.754646

14.1465559,0.672383,9.803992,1.348356,9.919094,82.187286,86.076653

14.1490717,0.626920,9.739087,1.410569,9.860657,81.775612,86.316864

14.1515865,0.631705,9.660124,1.432104,9.786111,81.585091,86.258583

14.1541023,0.614955,9.640982,1.515853,9.778779,81.082359,86.350304

14.1566172,0.634098,9.576375,1.561616,9.723563,80.758209,86.211700

14.1591320,0.624527,9.550055,1.556830,9.696252,80.760597,86.258461

14.1616468,0.665205,9.559626,1.542174,9.706041,80.857635,86.019501

14.1641636,0.720240,9.514162,1.542174,9.665213,80.818687,85.670860

14.1666784,0.751346,9.458828,1.578366,9.619001,80.555725,85.458344

14.1691933,0.815953,9.482756,1.575973,9.647389,80.598175,85.082047

14.1717100,0.878465,9.477970,1.525424,9.640048,80.895348,84.704674

14.1742249,0.974178,9.458828,1.556830,9.635465,80.701790,84.119759

14.1767397,1.050748,9.437292,1.532603,9.618494,80.831459,83.646851

14.1792555,1.115354,9.415757,1.444068,9.590925,81.340263,83.244446

14.1817713,1.187438,9.442079,1.422533,9.622186,81.498291,82.832100

14.1842861,1.266401,9.439685,1.393819,9.625703,81.674194,82.358986

14.1868019,1.323829,9.427721,1.338784,9.613886,81.995247,82.006859

14.1893167,1.400399,9.434899,1.302892,9.626836,82.221741,81.557365

14.1918306,1.419841,9.432507,1.281057,9.624409,82.350945,81.439743

14.1943455,1.515554,9.482756,1.324427,9.694001,82.147499,80.919662

14.1968613,1.584946,9.494720,1.307678,9.714515,82.263893,80.523041

14.1993761,1.644766,9.506984,1.290928,9.734192,82.379105,80.184639

14.2018919,1.714457,9.530911,1.278665,9.767939,82.478149,79.802467

14.2044067,1.783849,9.533304,1.242772,9.778062,82.698074,79.401512

14.2069225,1.795813,9.526126,1.182952,9.765828,83.042580,79.324196

14.2094374,1.824527,9.502198,1.163809,9.745519,83.141373,79.130859

14.2119551,1.831706,9.458828,1.132702,9.700907,83.294701,79.040306

14.2144699,1.850848,9.470792,1.178166,9.721605,83.039185,78.942223

14.2169847,1.853241,9.480363,1.182952,9.731966,83.018250,78.939186

14.2195015,1.889133,9.504591,1.237987,9.769273,82.719765,78.758392

14.2220163,1.893919,9.489935,1.278665,9.761188,82.472916,78.713684

14.2245312,1.908276,9.514162,1.242772,9.782907,82.701706,78.658546

14.2270470,1.886741,9.509377,1.194916,9.768105,82.973503,78.777779

14.2295618,1.865205,9.506984,1.214058,9.763999,82.857338,78.899948

14.2320719,1.812563,9.499506,1.161416,9.740374,83.151909,79.197464

14.2345867,1.781456,9.499506,1.130310,9.730971,83.329704,79.378601

14.2371016,1.786242,9.521340,1.044168,9.743555,83.848083,79.374588

14.2396164,1.802992,9.511769,1.003191,9.732982,84.083946,79.266708

14.2421312,1.747957,9.528519,1.015454,9.740594,84.016060,79.604965

14.2446480,1.692922,9.530911,1.000798,9.731693,84.097321,79.927925

14.2471628,1.668695,9.581161,1.010369,9.777731,84.068825,80.120232

14.2496777,1.635195,9.571589,1.015454,9.763213,84.029976,80.305275

14.2521935,1.556232,9.566804,0.986441,9.742621,84.188843,80.760628

14.2547083,1.520340,9.657731,1.025025,9.830253,84.014748,81.053802

14.2572241,1.479662,9.681660,1.012762,9.846300,84.096275,81.310646

14.2597389,1.362114,9.734302,1.022633,9.882195,84.060265,82.034363

14.2622538,1.290330,9.763016,1.027418,9.901364,84.043961,82.471138

14.2647696,1.283151,9.715159,1.032204,9.853743,83.987091,82.476082

14.2672853,1.228116,9.763016,1.036990,9.894447,83.984055,82.830269

14.2698002,1.170689,9.758230,1.080060,9.887371,83.728706,83.158958

14.2723141,1.137189,9.765409,1.063311,9.888733,83.827194,83.357780

14.2748289,1.100998,9.799207,1.096810,9.921676,83.653160,83.589371

14.2773438,1.048355,9.729516,1.118345,9.849529,83.480400,83.850105

14.2798586,0.964607,9.755837,1.094417,9.864308,83.630081,84.353241

14.2823734,0.957428,9.772886,1.135095,9.885060,83.406219,84.404716

14.2848883,0.921536,9.755837,1.187737,9.870983,83.089073,84.603859

14.2874050,0.873679,9.734302,1.209273,9.847959,82.946602,84.871292

14.2899199,0.895215,9.753445,1.254736,9.874485,82.699776,84.755829

14.2924356,0.900000,9.758230,1.252344,9.879343,82.717369,84.730522

14.2949514,0.861416,9.789636,1.273879,9.909680,82.614250,84.971344

14.2974663,0.868595,9.765409,1.281057,9.887303,82.555489,84.917145

14.2999811,0.876072,9.753445,1.278665,9.875838,82.560799,84.867363

14.3024960,0.880858,9.820743,1.271486,9.941809,82.652153,84.874649

14.3050117,0.897608,9.799207,1.314856,9.927689,82.389191,84.766312

14.3075275,0.880858,9.801600,1.317249,9.928867,82.376175,84.864693

14.3100424,0.933500,9.823135,1.295713,9.952100,82.519142,84.571442

14.3125668,0.890429,9.770494,1.331606,9.900938,82.270706,84.792763

14.3150816,0.919143,9.775279,1.353141,9.911201,82.153099,84.628426

14.3175974,0.943071,9.803992,1.360320,9.942742,82.136398,84.505478

14.3201122,0.947857,9.770494,1.343570,9.907884,82.206329,84.458954

14.3226280,1.017249,9.768100,1.326820,9.910148,82.305847,84.054657

14.3251429,1.033998,9.792028,1.381855,9.942962,82.011276,83.972137

14.3276577,1.045963,9.743873,1.384248,9.897133,81.960052,83.873009

14.3301744,1.124926,9.669696,1.389034,9.833508,81.879517,83.364311

14.3326788,1.156332,9.679267,1.405783,9.848936,81.793884,83.187462

14.3351936,1.189831,9.648160,1.391426,9.820323,81.854439,82.969666

14.3377085,1.240080,9.593125,1.405783,9.774563,81.731010,82.634354

14.3402233,1.264009,9.547662,1.427319,9.736159,81.570068,82.458504

14.3427382,1.338186,9.530911,1.405783,9.726522,81.689880,82.007645

14.3452539,1.390828,9.466006,1.436890,9.674933,81.459015,81.641411

14.3477697,1.453341,9.420543,1.424926,9.637906,81.497879,81.229919

14.3502846,1.462912,9.372686,1.398605,9.588716,81.612946,81.128716

14.3527994,1.505983,9.324830,1.417747,9.551463,81.463905,80.825806

14.3553143,1.496411,9.265009,1.436890,9.494435,81.295395,80.825264

14.3578300,1.491626,9.286545,1.494318,9.523541,80.972542,80.874962

14.3603449,1.470090,9.281759,1.530210,9.521227,80.751564,80.999977

14.3628597,1.494019,9.243474,1.475175,9.478927,81.046852,80.818710

14.3653755,1.494019,9.250652,1.448854,9.481869,81.210625,80.825714

14.3678904,1.462912,9.312865,1.487139,9.543645,81.035347,81.072639

14.3704052,1.482054,9.312865,1.465604,9.543267,81.165863,80.957741

14.3729048,1.453341,9.348758,1.424926,9.567752,81.435074,81.163635

14.3754187,1.467698,9.384650,1.405783,9.602189,81.581505,81.111320

14.3779335,1.477269,9.420543,1.393819,9.636996,81.684021,81.087822

14.3804483,1.472483,9.442079,1.384248,9.655941,81.757843,81.136169

14.3829632,1.431805,9.516555,1.353141,9.718327,81.996361,81.443787

14.3854771,1.383650,9.557233,1.360320,9.752213,81.981766,81.762230

14.3879919,1.381257,9.624231,1.333999,9.813931,82.187653,81.832756

14.3905067,1.431805,9.681660,1.345963,9.879080,82.169456,81.587593

14.3930416,1.381257,9.760623,1.333999,9.947722,82.293365,81.945374

14.3955574,1.328615,9.818350,1.283749,9.990657,82.617371,82.293571

14.3980722,1.307079,9.861421,1.307678,10.033250,82.511086,82.449753

14.4005871,1.271187,9.882956,1.322034,10.051691,82.442360,82.670616

14.4031019,1.252044,9.859028,1.331606,10.027024,82.368477,82.762482

14.4056187,1.220938,9.885348,1.379462,10.055532,82.115044,82.959068

14.4081335,1.192224,9.856635,1.396212,10.026169,81.995155,83.103210

14.4106483,1.223331,9.806385,1.424926,9.984594,81.795166,82.889175

14.4131737,1.252044,9.792028,1.484746,9.982780,81.446617,82.713493

14.4156885,1.240080,9.755837,1.465604,9.942945,81.523636,82.755890

14.4182043,1.295115,9.696016,1.484746,9.894167,81.369431,82.391930

14.4207191,1.285544,9.648160,1.508675,9.849656,81.189308,82.410477

14.4232349,1.290330,9.650553,1.542174,9.857810,80.999573,82.384422

14.4257498,1.316651,9.607482,1.568794,9.823359,80.810493,82.196548

14.4282665,1.319044,9.566804,1.638186,9.795267,80.372459,82.149719

14.4307814,1.326222,9.487542,1.678864,9.725786,80.059822,82.042435

14.4332838,1.400399,9.463614,1.611865,9.701506,80.436195,81.582611

14.4357986,1.422234,9.437292,1.592723,9.675846,80.525528,81.429810

14.4383144,1.376471,9.422935,1.616651,9.659190,80.365105,81.689201

14.4408293,1.316651,9.418150,1.597508,9.642984,80.464111,82.041672

14.4433441,1.357329,9.430114,1.604687,9.661490,80.439384,81.809357

14.4458590,1.431805,9.422935,1.590330,9.662863,80.527069,81.360054

14.4483747,1.467698,9.442079,1.571187,9.683781,80.662521,81.164528

14.4508896,1.482054,9.449257,1.559223,9.691032,80.741241,81.086151

14.4534063,1.477269,9.425328,1.523032,9.661199,80.929817,81.092278

14.4559212,1.462912,9.425328,1.501496,9.655642,81.053940,81.177475

14.4584370,1.460519,9.449257,1.513460,9.680503,81.005417,81.213638

14.4609518,1.458126,9.451650,1.515853,9.682852,80.993279,81.229996

14.4634666,1.431805,9.439685,1.583151,9.678020,80.585121,81.375153

14.4659824,1.462912,9.446864,1.549353,9.684206,80.793823,81.197273

14.4684982,1.472483,9.456435,1.566401,9.697731,80.704720,81.149414

14.4710131,1.479662,9.497113,1.571187,9.739260,80.716179,81.144447

14.4735279,1.501197,9.506984,1.580758,9.753724,80.673096,81.026817

14.4760427,1.465305,9.540483,1.614258,9.786407,80.505730,81.268280

14.4785576,1.462912,9.538090,1.614258,9.783716,80.503090,81.280167

14.4810734,1.450948,9.593125,1.568794,9.828246,80.815102,81.399277

14.4835892,1.422234,9.607482,1.561616,9.836926,80.865631,81.579430

14.4861040,1.398007,9.652946,1.583151,9.881303,80.780518,81.759323

14.4886189,1.381257,9.707980,1.580758,9.932348,80.842293,81.902275

14.4911337,1.417448,9.691231,1.587937,9.922231,80.790878,81.678871

14.4936514,1.427020,9.696016,1.544567,9.921432,81.043770,81.627548

14.4961662,1.434198,9.743873,1.534996,9.967757,81.141426,81.626770

14.4986820,1.419841,9.712767,1.599901,9.945525,80.742813,81.683243

14.5011978,1.438984,9.734302,1.552045,9.961734,81.036766,81.591087

14.5037127,1.424627,9.717552,1.559223,9.944424,80.979156,81.659653

14.5062275,1.374078,9.717552,1.564009,9.938060,80.945396,81.951637

14.5087433,1.331008,9.839885,1.599901,10.057565,80.846825,82.296555

14.5112581,1.321436,9.885348,1.597508,10.100412,80.899734,82.386055

14.5137787,1.290330,9.918848,1.611865,10.131466,80.845634,82.588097

14.5162935,1.266401,9.909277,1.607080,10.118313,80.861076,82.717102

14.5188093,1.230509,9.878170,1.544567,10.073633,81.180176,82.899323

14.5213242,1.285544,9.796814,1.530210,9.998587,81.196709,82.524323

14.5238400,1.304687,9.693624,1.583151,9.908326,80.805878,82.334496

14.5263548,1.331008,9.731909,1.599901,9.951951,80.748840,82.212128

14.5288696,1.309472,9.705587,1.592723,9.922193,80.762848,82.316086

14.5313864,1.319044,9.700802,1.614258,9.922261,80.636902,82.256828

14.5338936,1.354936,9.662517,1.628615,9.892041,80.523743,82.017693

14.5364094,1.323829,9.626625,1.602294,9.848440,80.636627,82.169937

14.5389242,1.295115,9.614660,1.587937,9.830593,80.704277,82.328316

14.5414400,1.309472,9.617053,1.626222,9.841088,80.488350,82.246208

14.5439548,1.302294,9.581161,1.611865,9.802689,80.535820,82.259659

14.5464706,1.309472,9.581161,1.614258,9.804039,80.522964,82.217514

14.5489855,1.299901,9.578768,1.587937,9.796125,80.671280,82.271805

14.5515003,1.285544,9.506984,1.585544,9.723647,80.615410,82.299118

14.5540152,1.283151,9.540483,1.592723,9.757257,80.605301,82.339951

14.5565300,1.287937,9.552447,1.556830,9.763799,80.825073,82.321236

14.5590448,1.287937,9.571589,1.573580,9.785206,80.745964,82.336411

14.5615616,1.275973,9.569197,1.585544,9.783230,80.673073,82.404884

14.5640764,1.338186,9.605089,1.566401,9.823547,80.824806,82.068573

14.5665913,1.319044,9.643374,1.542174,9.854585,80.996597,82.211281

14.5691061,1.345365,9.645767,1.556830,9.862786,80.917938,82.059769

14.5716209,1.357329,9.631411,1.614258,9.859627,80.576881,81.978287

14.5741386,1.388435,9.614660,1.597508,9.844871,80.661430,81.782829

14.5766535,1.424627,9.636196,1.583151,9.868750,80.768684,81.590240

14.5791702,1.443769,9.595518,1.532603,9.823813,81.024681,81.443298

14.5816851,1.450948,9.626625,1.479961,9.847205,81.356125,81.428757

14.5841999,1.450948,9.640982,1.465604,9.859096,81.451012,81.441338

14.5867147,1.465305,9.597911,1.489532,9.822715,81.277931,81.319725

14.5892305,1.450948,9.585947,1.446461,9.802443,81.514374,81.392929

14.5917454,1.470090,9.612267,1.472782,9.834934,81.387558,81.304619

14.5942574,1.474876,9.664909,1.479961,9.888176,81.392212,81.323540

14.5967722,1.455733,9.638589,1.444068,9.854283,81.573402,81.411423

14.5992870,1.395614,9.655338,1.508675,9.871646,81.209091,81.775246

14.6018019,1.422234,9.672089,1.463211,9.884991,81.487595,81.634880

14.6043186,1.402792,9.705587,1.482354,9.917844,81.404175,81.775734

14.6068335,1.400399,9.693624,1.515853,9.910867,81.202156,81.779579

14.6093483,1.400399,9.696016,1.564009,9.920684,80.929405,81.781578

14.6118631,1.366900,9.705587,1.494318,9.914627,81.331436,81.983391

14.6143618,1.309472,9.681660,1.496711,9.883795,81.290154,82.297325

14.6168766,1.275973,9.624231,1.523032,9.827185,81.084274,82.447815

14.6193905,1.254437,9.605089,1.520639,9.805289,81.078362,82.559212

14.6219053,1.225723,9.566804,1.556830,9.769844,80.830795,82.698898

14.6244202,1.192224,9.463614,1.552045,9.663861,80.758102,82.819717

14.6269350,1.161117,9.432507,1.566401,9.631926,80.640648,82.982346

14.6294489,1.161117,9.394221,1.580758,9.596790,80.519180,82.954025

14.6319647,1.149153,9.310472,1.621436,9.520216,80.193863,82.963806

14.6345005,1.168296,9.236296,1.654936,9.455839,79.920334,82.790962

14.6370153,1.112962,9.236296,1.642972,9.447074,79.984573,83.129059

14.6395321,1.151546,9.185747,1.657329,9.404825,79.850273,82.854546

14.6420469,1.149153,9.219247,1.698007,9.444485,79.642578,82.894890

14.6445618,1.156332,9.238688,1.712364,9.466925,79.579063,82.865852

14.6470776,1.165903,9.257831,1.726721,9.489380,79.515854,82.822136

14.6495924,1.144367,9.291330,1.690828,9.513007,79.761932,82.978523

14.6521072,1.144367,9.355937,1.690828,9.576118,79.830124,83.026527

14.6546183,1.115354,9.396614,1.638186,9.603334,80.178162,83.230804

14.6571341,1.091426,9.432507,1.650150,9.637758,80.141403,83.399712

14.6596489,1.026820,9.492328,1.678864,9.694185,80.027084,83.826111

14.6621637,0.995713,9.573982,1.642972,9.764832,80.313683,84.062469

14.6646786,0.952643,9.590733,1.583151,9.767090,80.671753,84.327446

14.6671944,0.957428,9.707980,1.575973,9.881560,80.822922,84.367546

14.6697092,0.935893,9.760623,1.585544,9.932754,80.814705,84.522964

14.6722250,0.935893,9.801600,1.580758,9.972263,80.879257,84.545723

14.6747398,0.914357,9.808778,1.595115,9.979608,80.802536,84.674377

14.6772547,0.914357,9.887741,1.542174,10.048969,81.172165,84.716667

14.6797695,0.897608,9.885348,1.546960,10.045839,81.141769,84.811668

14.6822844,0.876072,9.892527,1.539781,10.049901,81.186798,84.939148

14.6847992,0.861416,9.892527,1.537389,10.048267,81.199158,85.023384

14.6873159,0.825524,9.935597,1.554437,10.090285,81.138130,85.250351

14.6898308,0.780060,9.916455,1.549353,10.067029,81.146782,85.502190

14.6923456,0.794417,9.892527,1.549353,10.044584,81.126839,85.408730

14.6948595,0.801596,9.926026,1.532603,10.075585,81.250740,85.382988

14.6973743,0.792024,9.863813,1.539781,10.014642,81.155518,85.409233

14.6998892,0.765703,9.870992,1.544567,10.020403,81.132950,85.564392

14.7024050,0.772882,9.878170,1.520639,10.024366,81.274879,85.526215

14.7049198,0.753739,9.823135,1.544567,9.972352,81.089874,85.612236

14.7074347,0.789631,9.796814,1.523032,9.945889,81.191536,85.391876

14.7099504,0.813560,9.765409,1.537389,9.919106,81.083633,85.237663

14.7124653,0.796810,9.758230,1.539781,9.911049,81.062317,85.331863

14.7149782,0.839881,9.684052,1.518246,9.838259,81.122604,85.043243

14.7174940,0.820738,9.645767,1.532603,9.801189,81.003792,85.136536

14.7200089,0.866202,9.636196,1.523032,9.794192,81.054001,84.863464

14.7225237,0.892822,9.590733,1.573580,9.759890,80.721748,84.681541

14.7250385,0.897608,9.566804,1.595115,9.740320,80.574547,84.639900

14.7275534,0.935893,9.593125,1.621436,9.774098,80.450996,84.427933

14.7300682,0.990928,9.559626,1.621436,9.746663,80.423859,84.081993

14.7325830,0.993321,9.540483,1.592723,9.723387,80.572281,84.055984

14.7350988,1.033998,9.509377,1.559223,9.691675,80.741867,83.794342

14.7376146,1.053141,9.583553,1.587937,9.771139,80.647209,83.728905

14.7401295,1.079462,9.533304,1.580758,9.723576,80.643921,83.539879

14.7426443,1.100998,9.497113,1.604687,9.694450,80.472191,83.387238

14.7451591,1.137189,9.518948,1.595115,9.718434,80.553131,83.187401

14.7476740,1.177867,9.509377,1.587937,9.712731,80.590462,82.939095

14.7501888,1.208974,9.514162,1.614258,9.725571,80.445786,82.758179

14.7527037,1.187438,9.526126,1.662114,9.742675,80.177208,82.894691

14.7552271,1.199402,9.545269,1.623829,9.756411,80.419266,82.838081

14.7577419,1.235295,9.602696,1.623829,9.817054,80.479004,82.669708

14.7602568,1.278365,9.588340,1.633401,9.810122,80.415527,82.405823

14.7627735,1.304687,9.640982,1.664507,9.870224,80.291290,82.293144

14.7652884,1.304687,9.667302,1.602294,9.885661,80.672203,82.313873

14.7678032,1.247259,9.710373,1.573580,9.915803,80.868889,82.680664

14.7703190,1.244866,9.719945,1.583151,9.926399,80.822762,82.701668

14.7728338,1.275973,9.686445,1.587937,9.898327,80.768448,82.495766

14.7753420,1.319044,9.717552,1.539781,9.926813,81.076630,82.270012

14.7778568,1.273580,9.724730,1.530210,9.926426,81.132195,82.538834

14.7803717,1.252044,9.698409,1.546960,9.900496,81.010658,82.643921

14.7828865,1.240080,9.703195,1.532603,9.901447,81.095627,82.717010

14.7854013,1.194617,9.669696,1.530210,9.862640,81.074379,82.957230

14.7879162,1.206581,9.676874,1.503889,9.867087,81.233116,82.892639

14.7904320,1.194617,9.688838,1.515853,9.879195,81.173729,82.971008

14.7929478,1.149153,9.655338,1.530210,9.843153,81.056564,83.212730

14.7954683,1.151546,9.626625,1.506282,9.811567,81.168968,83.178642

14.7979832,1.163510,9.648160,1.537389,9.838918,81.010361,83.123680

14.8004990,1.137189,9.667302,1.511068,9.850546,81.176025,83.290985

14.8030138,1.093819,9.612267,1.489532,9.788301,81.247025,83.508003

14.8055296,1.100998,9.605089,1.559223,9.792912,80.838402,83.460930

14.8080444,1.100998,9.621839,1.546960,9.807398,80.924606,83.472214

14.8105602,1.060320,9.595518,1.527817,9.774072,81.007027,83.694313

14.8130751,1.053141,9.562018,1.571187,9.747304,80.723907,83.714890

14.8155899,1.045963,9.566804,1.580758,9.752772,80.672180,83.760490

14.8181047,1.033998,9.552447,1.580758,9.737412,80.657333,83.822105

14.8206196,1.038784,9.518948,1.583151,9.705453,80.611977,83.772072

14.8231344,0.971785,9.504591,1.595115,9.686383,80.521584,84.162148

14.8256512,0.962214,9.509377,1.575973,9.686991,80.636955,84.222145

14.8281660,0.962214,9.487542,1.587937,9.667516,80.546043,84.208939

14.8306808,0.976571,9.473185,1.619044,9.660032,80.351563,84.114288

14.8331957,0.993321,9.497113,1.597508,9.681626,80.502525,84.029037

14.8357105,0.964607,9.468399,1.640579,9.657771,80.219658,84.182983

14.8382254,0.962214,9.473185,1.688435,9.670465,79.944786,84.200226

14.8407412,0.995713,9.475577,1.698007,9.677874,79.895012,84.001259

14.8432560,0.959821,9.526126,1.719542,9.727547,79.818298,84.246483

14.8457718,0.964607,9.552447,1.743470,9.758043,79.707695,84.233818

14.8482866,0.995713,9.595518,1.693221,9.794509,80.045006,84.075699

14.8508024,0.986142,9.566804,1.645365,9.757224,80.291801,84.114761

14.8533173,0.914357,9.573982,1.650150,9.758083,80.264160,84.544548

14.8558311,0.900000,9.614660,1.683650,9.802365,80.109863,84.652290

14.8583460,0.897608,9.640982,1.669293,9.825516,80.218361,84.680908

14.8608618,0.883251,9.664909,1.726721,9.857594,79.911652,84.778397

14.8633766,0.866202,9.679267,1.676471,9.861494,80.212082,84.886200

14.8658915,0.866202,9.712767,1.662114,9.891954,80.326881,84.903740

14.8684072,0.856631,9.719945,1.652543,9.896567,80.387642,84.963463

14.8709230,0.868595,9.753445,1.688435,9.936546,80.216728,84.910942

14.8734379,0.861416,9.801600,1.702792,9.985634,80.181702,84.977448

14.8759470,0.876072,9.792028,1.705185,9.977924,80.160095,84.887482

14.8784618,0.911965,9.825528,1.674079,10.008757,80.371368,84.697235

14.8809767,0.844666,9.813564,1.611865,9.980863,80.706284,85.080605

14.8834915,0.837488,9.811171,1.566401,9.970660,80.961327,85.121025

14.8860064,0.851845,9.784850,1.609472,9.952855,80.693855,85.024513

14.8885212,0.861416,9.784850,1.568794,9.947183,80.925858,84.968895

14.8910360,0.835095,9.727123,1.564009,9.887387,80.898598,85.093063

14.8935509,0.813560,9.705587,1.587937,9.868224,80.740036,85.208450

14.8960686,0.789631,9.679267,1.583151,9.839619,80.741119,85.336159

14.8985834,0.787239,9.669696,1.575973,9.828858,80.773285,85.345642

14.9010983,0.784846,9.631411,1.631008,9.800013,80.419731,85.341370

14.9036131,0.775275,9.607482,1.642972,9.777736,80.326591,85.386520

14.9061289,0.811167,9.564411,1.669293,9.742817,80.134506,85.152290

14.9086437,0.863809,9.588340,1.590330,9.757642,80.619919,84.852150

14.9111586,0.835095,9.576375,1.599901,9.744948,80.550545,85.016205

14.9136734,0.837488,9.559626,1.616651,9.731464,80.437340,84.993286

14.9161930,0.873679,9.540483,1.633401,9.718648,80.324455,84.767677

14.9187078,0.880858,9.497113,1.585544,9.668765,80.561653,84.700974

14.9212236,0.919143,9.526126,1.583151,9.700426,80.607063,84.488785

14.9237385,0.966999,9.516555,1.628615,9.703211,80.337578,84.197952

14.9262533,0.955035,9.562018,1.626222,9.746224,80.394890,84.296326

14.9287682,1.024427,9.600304,1.604687,9.787252,80.563362,83.909142

14.9312849,1.022034,9.554840,1.659722,9.751625,80.200584,83.894569

14.9337997,1.069891,9.571589,1.650150,9.771540,80.277695,83.622078

14.9363146,1.062712,9.619446,1.578366,9.805832,80.737267,83.695786

14.9388304,1.065105,9.626625,1.580758,9.813519,80.730431,83.686386

14.9413452,1.089033,9.676874,1.539781,9.858946,81.014694,83.578964

14.9438601,1.048355,9.707980,1.554437,9.887376,80.954758,83.836571

14.9463749,1.031606,9.729516,1.604687,9.914772,80.685822,83.947632

14.9488916,1.019642,9.782457,1.573580,9.960537,80.910248,84.049454

14.9514065,1.014856,9.751051,1.513460,9.919853,81.224174,84.058243

14.9539213,0.988535,9.763016,1.525424,9.930790,81.164070,84.218330

14.9564381,0.974178,9.789636,1.503889,9.952270,81.308731,84.317139

14.9589539,0.962214,9.782457,1.513460,9.945497,81.246979,84.382393

14.9614687,0.933500,9.782457,1.513460,9.942760,81.244553,84.549004

14.9639835,0.911965,9.734302,1.515853,9.893742,81.186813,84.647827

14.9664993,0.880858,9.739087,1.578366,9.905401,80.831184,84.831909

14.9690151,0.883251,9.710373,1.573580,9.876620,80.832352,84.802704

14.9715300,0.851845,9.700802,1.583151,9.865980,80.766075,84.981628

14.9740448,0.835095,9.722338,1.609472,9.889977,80.634163,85.090660

14.9765615,0.844666,9.652946,1.640579,9.827732,80.390419,84.999161

14.9790773,0.825524,9.688838,1.619044,9.857807,80.546928,85.129959

14.9815931,0.827917,9.617053,1.614258,9.786674,80.505989,85.079628

14.9841080,0.801596,9.617053,1.611865,9.784087,80.517662,85.235329

14.9866238,0.806381,9.621839,1.592723,9.786052,80.633194,85.209389

14.9891386,0.794417,9.657731,1.621436,9.825066,80.500984,85.297600

14.9916534,0.784846,9.597911,1.607080,9.763124,80.525589,85.325180

14.9941692,0.768096,9.624231,1.599901,9.786495,80.591026,85.436981

14.9966879,0.772882,9.631411,1.592723,9.792762,80.639671,85.412079

14.9992027,0.763310,9.633803,1.645365,9.803062,80.337631,85.469772

15.0017176,0.770489,9.633803,1.619044,9.799240,80.489906,85.427353

15.0042334,0.775275,9.645767,1.611865,9.810198,80.543137,85.404755

15.0067482,0.768096,9.640982,1.642972,9.810089,80.358795,85.444870

15.0092640,0.729811,9.588340,1.666900,9.759480,80.165779,85.647354

15.0117788,0.713061,9.593125,1.669293,9.763352,80.155464,85.749001

15.0142937,0.698704,9.559626,1.688435,9.732700,80.009743,85.819740

15.0168066,0.717847,9.535697,1.640579,9.702388,80.265076,85.694901

15.0193224,0.729811,9.557233,1.604687,9.718453,80.495941,85.633247

15.0218382,0.727418,9.550055,1.585544,9.708070,80.600212,85.644249

15.0243530,0.674776,9.521340,1.616651,9.681157,80.387177,85.946236

15.0268679,0.693919,9.528519,1.595115,9.686000,80.521202,85.834763

15.0293837,0.701097,9.530911,1.609472,9.691244,80.440315,85.792877

15.0318985,0.705883,9.545269,1.611865,9.706108,80.440773,85.770615

15.0344133,0.703490,9.554840,1.623829,9.717340,80.380379,85.789108

15.0369282,0.713061,9.590733,1.614258,9.751740,80.471664,85.747940

15.0394449,0.710668,9.614660,1.666900,9.783931,80.190598,85.772667

15.0419598,0.770489,9.657731,1.669293,9.831173,80.224045,85.438629

15.0444746,0.794417,9.686445,1.652543,9.858459,80.350128,85.311478

15.0469904,0.806381,9.667302,1.662114,9.842237,80.277542,85.231812

15.0495052,0.825524,9.719945,1.671686,9.897139,80.275787,85.145470

15.0520201,0.830309,9.707980,1.652543,9.882570,80.373894,85.111473

15.0545359,0.844666,9.724730,1.595115,9.890816,80.719246,85.035889

15.0570555,0.856631,9.724730,1.626222,9.896909,80.542488,84.965935

15.0595713,0.876072,9.727123,1.647758,9.904521,80.423508,84.853546

15.0620861,0.902393,9.741480,1.623829,9.917034,80.575874,84.707558

15.0646019,0.935893,9.722338,1.626222,9.901734,80.547142,84.501526

15.0671167,0.940678,9.674481,1.619044,9.854023,80.543266,84.446419

15.0696335,0.959821,9.693624,1.611865,9.873485,80.604301,84.345253

15.0721483,0.950250,9.729516,1.571187,9.901267,80.869392,84.421799

15.0746632,1.005285,9.676874,1.602294,9.860012,80.647720,84.069084

15.0771742,1.033998,9.662517,1.614258,9.850848,80.568405,83.891953

15.0796890,1.014856,9.681660,1.602294,9.865688,80.653145,84.015968

15.0822048,1.089033,9.674481,1.585544,9.863850,80.749977,83.577385

15.0847197,1.134497,9.662517,1.604687,9.860341,80.633942,83.303436

15.0872345,1.149153,9.696016,1.580758,9.891010,80.803688,83.240944

15.0897503,1.149153,9.669696,1.546960,9.859851,80.973289,83.222717

15.0922651,1.124926,9.664909,1.595115,9.860037,80.690018,83.361053

15.0947809,1.206581,9.667302,1.573580,9.868572,80.824814,82.885674

15.0972967,1.180260,9.640982,1.539781,9.834249,80.991943,83.020515

15.0998116,1.180260,9.636196,1.554437,9.831864,80.903252,83.017082

15.1023273,1.204188,9.662517,1.566401,9.862450,80.861313,82.896156

15.1048422,1.197010,9.684052,1.571187,9.883437,80.852783,82.953621

15.1073570,1.216152,9.655338,1.552045,9.854614,80.938522,82.821030

15.1098728,1.197010,9.681660,1.578366,9.882237,80.809502,82.951897

15.1123886,1.175474,9.638589,1.583151,9.838217,80.739784,83.046829

15.1149035,1.161117,9.629018,1.573580,9.825596,80.784332,83.124176

15.1174164,1.129711,9.607482,1.602294,9.805473,80.595230,83.293579

15.1199312,1.139582,9.633803,1.623829,9.835936,80.497452,83.253838

15.1224461,1.112962,9.652946,1.583151,9.845020,80.746239,83.422974

15.1249619,1.093819,9.631411,1.578366,9.820985,80.751686,83.520798

15.1274767,1.122533,9.626625,1.650150,9.831327,80.337387,83.348938

15.1299915,1.151546,9.597911,1.635793,9.804172,80.395470,83.158424

15.1325064,1.144367,9.562018,1.587937,9.760293,80.636726,83.175392

15.1350231,1.137189,9.564411,1.583151,9.761021,80.665901,83.219482

15.1375380,1.132104,9.554840,1.575973,9.749888,80.697891,83.242821

15.1400537,1.105783,9.573982,1.559223,9.762943,80.810036,83.411598

15.1425686,1.103390,9.506984,1.619044,9.706777,80.398460,83.379814

15.1450834,1.093819,9.499506,1.623829,9.699169,80.362190,83.431610

15.1475983,1.077069,9.516555,1.642972,9.717215,80.265755,83.542831

15.1501141,1.072284,9.528519,1.662114,9.731654,80.165977,83.579285

15.1526289,1.067498,9.535697,1.597508,9.727338,80.547569,83.612473

15.1551447,1.062712,9.535697,1.604687,9.727996,80.505348,83.640869

15.1576624,0.990928,9.571589,1.626222,9.759194,80.407776,84.089340

15.1601782,1.000499,9.571589,1.647758,9.763782,80.284142,84.032654

15.1626930,1.000499,9.569197,1.659722,9.763463,80.212578,84.031174

15.1652079,0.986142,9.624231,1.631008,9.811141,80.430702,84.149635

15.1677237,0.952643,9.660124,1.633401,9.843451,80.448280,84.367935

15.1702394,0.943071,9.609875,1.607080,9.788860,80.550728,84.395187

15.1727543,0.957428,9.602696,1.631008,9.787167,80.407043,84.306190

15.1752701,0.986142,9.621839,1.666900,9.814826,80.221779,84.148186

15.1777697,0.950250,9.652946,1.642972,9.837769,80.386185,84.377838

15.1802845,0.959821,9.672089,1.619044,9.853520,80.542778,84.332741

15.1827993,0.923929,9.619446,1.650150,9.803590,80.309784,84.513687

15.1853142,0.919143,9.662517,1.654936,9.846210,80.323883,84.566109

15.1878290,0.947857,9.657731,1.633401,9.840640,80.445526,84.394661

15.1903439,0.909572,9.655338,1.633401,9.834678,80.439682,84.618393

15.1928596,0.902393,9.638589,1.640579,9.818769,80.381561,84.651390

15.1953745,0.907179,9.629018,1.590330,9.801537,80.662300,84.617874

15.1979084,0.866202,9.664909,1.647758,9.842555,80.362640,84.878639

15.2004232,0.803988,9.655338,1.607080,9.821134,80.582062,85.240028

15.2029390,0.789631,9.636196,1.614258,9.802327,80.521294,85.315407

15.2054548,0.765703,9.645767,1.614258,9.809840,80.528618,85.461250

15.2079706,0.760918,9.684052,1.597508,9.844384,80.660965,85.507256

15.2104855,0.768096,9.660124,1.585544,9.819466,80.707802,85.453857

15.2130013,0.725025,9.645767,1.587937,9.802450,80.677353,85.701439

15.2155161,0.744168,9.660124,1.599901,9.819952,80.623375,85.594917

15.2180281,0.727418,9.669696,1.604687,9.828895,80.603706,85.697937

15.2205429,0.705883,9.667302,1.614258,9.826537,80.544861,85.823814

15.2230587,0.672383,9.664909,1.650150,9.827796,80.333885,86.020370

15.2255735,0.698704,9.681660,1.633401,9.843308,80.448143,85.872246

15.2280893,0.710668,9.655338,1.633401,9.818279,80.423561,85.790413

15.2306051,0.701097,9.660124,1.683650,9.830779,80.138733,85.848953

15.2331200,0.677169,9.643374,1.669293,9.810186,80.202927,85.983215

15.2356348,0.689133,9.633803,1.652543,9.798774,80.290779,85.908440

15.2381449,0.689133,9.648160,1.693221,9.819821,80.070930,85.914513

15.2406597,0.703490,9.633803,1.650150,9.799391,80.305595,85.823502

15.2431746,0.732204,9.643374,1.669293,9.814139,80.206917,85.657967

15.2456894,0.713061,9.626625,1.690828,9.799963,80.064804,85.763733

15.2482052,0.775275,9.669696,1.669293,9.843303,80.236214,85.416077

15.2507200,0.753739,9.660124,1.683650,9.834673,80.142677,85.538490

15.2532349,0.777667,9.676874,1.688435,9.853805,80.133759,85.405388

15.2557507,0.746561,9.672089,1.698007,9.848344,80.071709,85.586258

15.2582703,0.782453,9.684052,1.657329,9.855955,80.319435,85.380646

15.2607861,0.780060,9.696016,1.700400,9.874846,80.084534,85.400368

15.2633009,0.839881,9.734302,1.662114,9.910835,80.345490,85.068703

15.2658157,0.818345,9.710373,1.659722,9.885125,80.334206,85.182762

15.2683325,0.811167,9.707980,1.698007,9.888685,80.112625,85.223648

15.2708473,0.839881,9.748658,1.645365,9.922145,80.454689,85.075928

15.2733622,0.835095,9.739087,1.664507,9.915532,80.336075,85.099060

15.2758780,0.792024,9.739087,1.650150,9.909597,80.414429,85.350693

15.2783909,0.839881,9.724730,1.640579,9.897842,80.459129,85.063873

15.2809067,0.827917,9.746265,1.640579,9.917995,80.478691,85.144547

15.2834215,0.827917,9.688838,1.640579,9.861568,80.423698,85.115906

15.2859364,0.851845,9.710373,1.674079,9.890375,80.255005,84.986549

15.2884512,0.844666,9.719945,1.640579,9.893548,80.454948,85.033455

15.2909679,0.813560,9.705587,1.674079,9.882451,80.247116,85.208450

15.2934828,0.861416,9.681660,1.717149,9.870419,79.981316,84.915550

15.2959976,0.868595,9.679267,1.690828,9.864156,80.130112,84.872147

15.2985106,0.849452,9.688838,1.686043,9.871063,80.165283,84.989502

15.3010263,0.839881,9.731909,1.635793,9.904103,80.493286,85.067497

15.3035412,0.827917,9.703195,1.650150,9.877269,80.382759,85.123100

15.3060560,0.844666,9.703195,1.678864,9.883524,80.220032,85.024925

15.3085709,0.818345,9.672089,1.721935,9.858197,79.940521,85.163780

15.3110876,0.794417,9.674481,1.709971,9.856504,80.009407,85.305710

15.3136024,0.844666,9.631411,1.693221,9.815525,80.066536,84.988029

15.3161173,0.796810,9.585947,1.693221,9.766897,80.016579,85.248344

15.3186350,0.813560,9.590733,1.683650,9.771321,80.078125,85.151337

15.3211498,0.839881,9.593125,1.669293,9.773433,80.165718,84.996498

15.3236647,0.827917,9.588340,1.683650,9.770179,80.076950,85.064964

15.3261795,0.825524,9.576375,1.726721,9.765757,79.815773,85.073044

15.3286963,0.871287,9.557233,1.695614,9.745509,79.980156,84.791023

15.3312111,0.876072,9.566804,1.712364,9.758249,79.893494,84.767776

15.3337259,0.876072,9.557233,1.714756,9.749287,79.869820,84.762566

15.3362417,0.880858,9.554840,1.681257,9.741535,80.061768,84.732811

15.3387575,0.897608,9.559626,1.669293,9.745701,80.137459,84.635902

15.3412724,0.919143,9.552447,1.607080,9.730200,80.493233,84.503883

15.3437872,0.950250,9.569197,1.642972,9.755607,80.304436,84.328949

15.3463039,0.950250,9.564411,1.678864,9.757025,80.091965,84.326134

15.3488188,0.981356,9.617053,1.623829,9.802427,80.464668,84.173515

15.3513336,0.969392,9.609875,1.607080,9.791430,80.553230,84.239799

15.3538494,0.988535,9.621839,1.571187,9.799266,80.773529,84.134087

15.3563643,0.981356,9.605089,1.611865,9.788713,80.522186,84.166306

15.3588839,1.043570,9.655338,1.628615,9.847181,80.480171,83.831291

15.3613987,0.995713,9.693624,1.556830,9.868207,80.922966,84.135239

15.3639145,0.950250,9.657731,1.587937,9.833427,80.706985,84.380608

15.3664293,0.933500,9.712767,1.587937,9.885889,80.756729,84.510132

15.3689442,0.957428,9.710373,1.597508,9.887368,80.701927,84.368919

15.3714600,0.955035,9.688838,1.633401,9.871862,80.476028,84.370499

15.3739748,0.923929,9.696016,1.611865,9.872411,80.603271,84.556747

15.3764915,0.957428,9.688838,1.626222,9.870910,80.517349,84.356491

15.3790007,0.926321,9.691231,1.666900,9.877073,80.284004,84.540054

15.3815155,0.935893,9.631411,1.676471,9.820922,80.171242,84.449944

15.3840322,0.986142,9.648160,1.642972,9.836606,80.385033,84.164047

15.3865471,1.007677,9.648160,1.657329,9.841196,80.304771,84.037506

15.3890619,1.024427,9.667302,1.645365,9.859686,80.393654,83.951042

15.3915777,1.048355,9.650553,1.650150,9.846584,80.352501,83.800179

15.3940926,1.050748,9.638589,1.686043,9.841200,80.135139,83.778481

15.3966074,1.017249,9.648160,1.698007,9.849113,80.072495,83.981285

15.3991232,1.031606,9.638589,1.700400,9.841644,80.050743,83.890961

15.4016399,1.036391,9.636196,1.726721,9.844387,79.897972,83.861328

15.4041548,1.031606,9.629018,1.717149,9.835181,79.945053,83.884933

15.4066696,1.038784,9.614660,1.678864,9.815261,80.151337,83.833588

15.4091854,1.022034,9.609875,1.652543,9.804343,80.296349,83.929268

15.4117002,1.022034,9.581161,1.657329,9.777011,80.240501,83.911209

15.4142151,1.045963,9.573982,1.724328,9.784093,79.849297,83.765137

15.4167309,1.002892,9.595518,1.698007,9.796070,80.018188,84.033295

15.4192438,1.024427,9.547662,1.683650,9.748947,80.055122,83.875816

15.4217587,1.022034,9.552447,1.698007,9.755872,79.976639,83.893051

15.4242744,1.010070,9.545269,1.688435,9.745934,80.023453,83.959503

15.4267902,0.990928,9.566804,1.693221,9.765893,80.015541,84.086403

15.4293051,1.024427,9.554840,1.674079,9.754331,80.117737,83.880379

15.4318199,0.988535,9.583553,1.623829,9.770288,80.433006,84.110817

15.4343348,0.926321,9.605089,1.683650,9.795432,80.102791,84.491394

15.4368505,0.935893,9.633803,1.645365,9.818008,80.352486,84.451309

15.4393501,0.892822,9.595518,1.640579,9.775613,80.338692,84.684181

15.4418650,0.888036,9.588340,1.669293,9.772994,80.165276,84.708572

15.4443798,0.907179,9.614660,1.652543,9.797732,80.289742,84.609886

15.4468956,0.892822,9.672089,1.638186,9.850386,80.426842,84.726021

15.4494104,0.907179,9.715159,1.652543,9.896373,80.387451,84.665321

15.4519253,0.863809,9.643374,1.690828,9.828516,80.093964,84.881371

15.4544401,0.868595,9.676874,1.681257,9.860171,80.182533,84.870888

15.4569550,0.861416,9.684052,1.652543,9.861734,80.353363,84.916801

15.4594898,0.856631,9.698409,1.686043,9.881078,80.175346,84.952339

15.4620056,0.890429,9.722338,1.657329,9.902699,80.365562,84.767113

15.4645205,0.928714,9.712767,1.659722,9.897223,80.346130,84.538101

15.4670353,0.933500,9.672089,1.633401,9.853361,80.457977,84.487183

15.4695511,0.926321,9.674481,1.621436,9.853056,80.528221,84.530663

15.4720659,0.938286,9.629018,1.681257,9.819623,80.141586,84.434471

15.4745817,0.943071,9.667302,1.640579,9.850767,80.413101,84.428276

15.4770966,0.957428,9.679267,1.652543,9.865890,80.357468,84.350945

15.4796085,0.943071,9.648160,1.616651,9.828018,80.532150,84.417290

15.4821234,0.926321,9.619446,1.635793,9.801410,80.392738,84.499565

15.4846392,0.935893,9.633803,1.631008,9.815612,80.435104,84.451309

15.4871540,0.952643,9.614660,1.607080,9.794484,80.556206,84.341469

15.4896698,0.976571,9.535697,1.662114,9.728609,80.162865,84.152603

15.4921846,0.955035,9.542876,1.659722,9.733101,80.181747,84.284966

15.4946995,0.981356,9.578768,1.609472,9.762492,80.510735,84.150391

15.4972153,0.976571,9.559626,1.602294,9.742047,80.533440,84.167137

15.4997292,0.981356,9.571589,1.564009,9.748052,80.767380,84.146034

15.5022459,0.959821,9.569197,1.587937,9.747427,80.624252,84.272209

15.5047607,0.974178,9.581161,1.583151,9.759817,80.664734,84.194321

15.5072756,0.974178,9.554840,1.554437,9.729351,80.806580,84.178444

15.5097904,1.002892,9.552447,1.544567,9.728347,80.864510,84.006592

15.5123062,0.988535,9.557233,1.561616,9.734298,80.768486,84.094719

15.5148211,1.000499,9.583553,1.623829,9.771505,80.434204,84.040054

15.5173359,1.002892,9.612267,1.590330,9.794418,80.655457,84.043617

15.5198517,1.005285,9.626625,1.611865,9.812268,80.545151,84.038353

15.5223675,0.986142,9.638589,1.604687,9.820890,80.595978,84.158287

15.5248823,1.002892,9.636196,1.561616,9.813293,80.843445,84.058304

15.5273981,1.019642,9.624231,1.602294,9.809834,80.599449,83.952347

15.5299129,1.014856,9.664909,1.640579,9.855552,80.417801,84.005669

15.5324278,1.022034,9.684052,1.654936,9.877461,80.354790,83.975426

15.5349436,1.005285,9.660124,1.616651,9.845921,80.549530,84.058876

15.5374584,0.969392,9.660124,1.642972,9.846678,80.394958,84.269562

15.5399761,0.964607,9.705587,1.599901,9.883753,80.684441,84.324196

15.5424910,0.938286,9.664909,1.616651,9.844005,80.547668,84.455009

15.5450068,0.952643,9.629018,1.595115,9.806625,80.638855,84.349854

15.5475216,0.947857,9.643374,1.650150,9.829349,80.335426,84.386375

15.5500364,0.945464,9.645767,1.664507,9.833886,80.255066,84.401833

15.5525522,0.981356,9.657731,1.671686,9.850348,80.229141,84.197884

15.5550671,0.955035,9.629018,1.647758,9.815558,80.335884,84.335754

15.5575829,0.966999,9.612267,1.592723,9.791197,80.638161,84.255341

15.5601034,0.952643,9.619446,1.587937,9.796061,80.671219,84.344269

15.5626192,0.964607,9.617053,1.580758,9.793721,80.711525,84.272293

15.5651340,0.966999,9.629018,1.583151,9.806092,80.709183,84.265266

15.5676508,0.978964,9.597911,1.611865,9.781430,80.515060,84.176109

15.5701656,0.957428,9.624231,1.602294,9.803563,80.593384,84.318848

15.5726814,0.950250,9.636196,1.585544,9.811891,80.700562,84.368126

15.5751963,0.947857,9.662517,1.614258,9.842179,80.560020,84.397423

15.5777111,0.978964,9.607482,1.602294,9.789250,80.579498,84.181870

15.5802231,0.964607,9.645767,1.590330,9.823463,80.683327,84.289230

15.5827379,0.935893,9.643374,1.640579,9.826599,80.389297,84.456787

15.5852528,0.931107,9.640982,1.599901,9.817085,80.620605,84.483597

15.5877686,0.938286,9.657731,1.614258,9.836563,80.554581,84.450912

15.5902834,0.940678,9.636196,1.604687,9.814080,80.589394,84.424492

15.5928001,0.955035,9.636196,1.621436,9.818219,80.494301,84.339951

15.5953150,0.971785,9.631411,1.611865,9.813590,80.546432,84.238495

15.5978298,0.945464,9.643374,1.676471,9.833571,80.184013,84.400452

15.6003466,0.935893,9.640982,1.676471,9.830309,80.180717,84.455421

15.6028614,0.974178,9.657731,1.654936,9.846807,80.324478,84.240044

15.6053772,0.919143,9.617053,1.645365,9.799988,80.334572,84.540581

15.6078930,0.931107,9.612267,1.657329,9.798438,80.262054,84.467216

15.6104078,0.935893,9.607482,1.609472,9.786215,80.533951,84.436203

15.6129236,0.883251,9.636196,1.631008,9.813083,80.432617,84.762924

15.6154385,0.888036,9.593125,1.642972,9.773230,80.322083,84.711197

15.6179543,0.931107,9.609875,1.633401,9.792070,80.397690,84.465851

15.6204739,0.907179,9.600304,1.604687,9.775676,80.552086,84.601875

15.6229897,0.897608,9.576375,1.590330,9.748939,80.611465,84.645226

15.6255045,0.935893,9.607482,1.619044,9.787793,80.478683,84.436203

15.6280203,0.931107,9.600304,1.595115,9.776359,80.609612,84.460365

15.6305351,0.911965,9.607482,1.607080,9.783563,80.545563,84.577599

15.6330509,0.900000,9.624231,1.631008,9.802857,80.422539,84.657578

15.6355658,0.947857,9.621839,1.654936,9.809028,80.286850,84.373886

15.6380825,0.938286,9.624231,1.628615,9.806049,80.439865,84.431717

15.6405935,0.950250,9.638589,1.635793,9.822484,80.413551,84.369514

15.6431093,0.919143,9.648160,1.628615,9.827726,80.461151,84.558075

15.6456251,0.926321,9.652946,1.623829,9.832306,80.493912,84.518532

15.6481400,0.964607,9.679267,1.654936,9.866990,80.344460,84.308868

15.6506557,1.012463,9.667302,1.652543,9.859651,80.351303,84.021172

15.6531706,0.969392,9.667302,1.621436,9.850153,80.525406,84.273788

15.6556854,0.947857,9.691231,1.592723,9.866871,80.710602,84.413918

15.6582012,0.911965,9.631411,1.621436,9.809424,80.485703,84.590988

15.6607218,0.947857,9.669696,1.642972,9.853974,80.402138,84.401558

15.6632376,0.950250,9.638589,1.628615,9.821291,80.454842,84.369514

15.6657524,0.969392,9.602696,1.621436,9.786754,80.463455,84.235519

15.6682682,0.978964,9.593125,1.575973,9.770881,80.718056,84.173225

15.6707840,1.002892,9.614660,1.595115,9.797544,80.630096,84.045090

15.6732998,0.955035,9.600304,1.602294,9.779840,80.570358,84.318924

15.6758146,0.904786,9.597911,1.573580,9.768044,80.729561,84.614693

15.6783304,0.923929,9.562018,1.607080,9.740048,80.502937,84.480934

15.6808434,0.940678,9.585947,1.611865,9.765928,80.499870,84.395454

15.6833582,0.945464,9.590733,1.575973,9.765232,80.712639,84.369919

15.6858730,0.940678,9.583553,1.590330,9.760047,80.622246,84.394058

15.6883888,0.926321,9.631411,1.578366,9.803743,80.735275,84.506355

15.6909037,0.926321,9.631411,1.595115,9.806454,80.638687,84.506355

15.6934204,0.919143,9.619446,1.626222,9.799141,80.447250,84.541931

15.6959352,0.897608,9.614660,1.619044,9.791256,80.482079,84.666428

15.6984510,0.883251,9.607482,1.638186,9.786087,80.363342,84.747353

15.7009687,0.890429,9.640982,1.628615,9.818033,80.451645,84.723206

15.7034836,0.895215,9.662517,1.640579,9.841602,80.404091,84.706757

15.7060003,0.863809,9.648160,1.631008,9.823102,80.442459,84.883896

15.7085152,0.832702,9.672089,1.626222,9.843134,80.490341,85.079346

15.7110310,0.839881,9.667302,1.642972,9.841824,80.390182,85.034698

15.7135458,0.832702,9.681660,1.614258,9.850572,80.568138,85.084190

15.7160616,0.825524,9.638589,1.616651,9.808030,80.512680,85.104691

15.7185764,0.794417,9.629018,1.657329,9.802848,80.266479,85.283638

15.7210913,0.794417,9.629018,1.619044,9.796448,80.487175,85.283638

15.7236071,0.792024,9.652946,1.626222,9.820960,80.468674,85.309387

15.7261229,0.782453,9.650553,1.626222,9.817842,80.465614,85.364677

15.7286377,0.825524,9.638589,1.604687,9.806065,80.581627,85.104691

15.7311535,0.808774,9.652946,1.580758,9.814900,80.731743,85.210648

15.7336683,0.789631,9.650553,1.580758,9.810988,80.728020,85.322342

15.7361841,0.775275,9.660124,1.554437,9.815056,80.887543,85.411552

15.7386990,0.820738,9.643374,1.578366,9.806096,80.737518,85.135338

15.7412167,0.813560,9.617053,1.604687,9.783895,80.560097,85.164543

15.7437325,0.792024,9.595518,1.597508,9.759780,80.579277,85.281441

15.7462482,0.849452,9.619446,1.578366,9.785016,80.717384,84.953545

15.7487631,0.844666,9.633803,1.566401,9.796798,80.799538,84.989273

15.7512789,0.825524,9.619446,1.554437,9.779136,80.853783,85.094994

15.7537937,0.823131,9.636196,1.549353,9.794606,80.898476,85.117607

15.7563105,0.854238,9.657731,1.568794,9.821538,80.808777,84.945274

15.7588253,0.888036,9.686445,1.559223,9.851244,80.893112,84.761864

15.7613440,0.849452,9.710373,1.578366,9.874419,80.802162,85.000557

15.7638588,0.851845,9.724730,1.599901,9.892204,80.692467,84.993912

15.7663746,0.866202,9.760623,1.578366,9.925286,80.849709,84.928596

15.7688913,0.851845,9.765409,1.575973,9.928370,80.866562,85.014664

15.7714062,0.871287,9.796814,1.583151,9.962082,80.855919,84.917732

15.7739220,0.871287,9.753445,1.604687,9.922895,80.693512,84.895248

15.7764368,0.914357,9.741480,1.604687,9.915014,80.686050,84.637802

15.7789526,0.880858,9.739087,1.585544,9.906547,80.790192,84.831909

15.7814655,0.856631,9.686445,1.585544,9.852664,80.739388,84.946136

15.7839804,0.909572,9.648160,1.599901,9.822118,80.625458,84.614410

15.7864962,0.895215,9.631411,1.611865,9.806303,80.539345,84.689766

15.7890120,0.890429,9.631411,1.568794,9.798880,80.787338,84.717987

15.7915277,0.890429,9.585947,1.564009,9.753428,80.772514,84.693077

15.7940435,0.940678,9.557233,1.552045,9.728023,80.819588,84.378723

15.7965584,0.923929,9.535697,1.564009,9.707177,80.728157,84.465797

15.7990742,0.926321,9.535697,1.604687,9.714042,80.491585,84.451553

15.8015900,0.919143,9.554840,1.554437,9.723994,80.801468,84.505249

15.8041067,0.911965,9.569197,1.559223,9.738192,80.786476,84.556030

15.8066216,0.926321,9.571589,1.556830,9.741515,80.803902,84.472229

15.8091373,0.943071,9.585947,1.534996,9.753767,80.945457,84.381287

15.8116522,0.921536,9.626625,1.561616,9.795907,80.827049,84.531860

15.8141680,0.928714,9.621839,1.532603,9.787296,80.990913,84.486801

15.8166828,0.928714,9.655338,1.554437,9.823663,80.895592,84.505814

15.8191986,0.888036,9.660124,1.573580,9.827652,80.786278,84.747673

15.8217173,0.878465,9.684052,1.546960,9.846098,80.960579,84.816742

15.8242321,0.902393,9.681660,1.597508,9.853978,80.670143,84.675049

15.8267479,0.861416,9.679267,1.552045,9.840685,80.925583,84.914299

15.8292637,0.842274,9.715159,1.571187,9.877367,80.847115,85.045029

15.8317785,0.842274,9.741480,1.587937,9.905928,80.775589,85.058350

15.8342953,0.818345,9.727123,1.592723,9.890571,80.733055,85.191017

15.8368111,0.847059,9.751051,1.561616,9.911566,80.934998,85.035263

15.8393259,0.808774,9.772886,1.571187,9.931367,80.897301,85.269157

15.8418369,0.746561,9.763016,1.544567,9.912594,81.035721,85.627205

15.8443527,0.751346,9.719945,1.578366,9.875885,80.803543,85.579857

15.8468676,0.741775,9.691231,1.616651,9.853108,80.556480,85.623070

15.8493834,0.705883,9.707980,1.575973,9.860367,80.803024,85.841255

15.8518982,0.717847,9.739087,1.609472,9.897248,80.641106,85.784477

15.8544140,0.703490,9.681660,1.616651,9.840884,80.544647,85.844070

15.8569298,0.660419,9.674481,1.623829,9.832017,80.493629,86.094818

15.8594456,0.653241,9.667302,1.623829,9.824473,80.486259,86.134277

15.8619652,0.713061,9.667302,1.669293,9.836246,80.229141,85.781494

15.8644810,0.691526,9.684052,1.654936,9.848751,80.326401,85.915512

15.8669958,0.686740,9.669696,1.642972,9.832294,80.380775,85.937683

15.8695126,0.667598,9.662517,1.638186,9.823114,80.400017,86.047630

15.8720284,0.684347,9.636196,1.619044,9.795198,80.485947,85.937767

15.8745432,0.703490,9.648160,1.583151,9.802462,80.705711,85.829689

15.8770590,0.696311,9.612267,1.599901,9.769351,80.574364,85.856735

15.8795748,0.667598,9.629018,1.566401,9.778409,80.782089,86.033928

15.8820896,0.669990,9.645767,1.607080,9.801654,80.563171,86.026642

15.8846054,0.669990,9.631411,1.602294,9.786741,80.577065,86.020744

15.8871212,0.720240,9.643374,1.571187,9.797043,80.771416,85.728653

15.8896370,0.722632,9.669696,1.616651,9.830503,80.534569,85.726135

15.8921518,0.713061,9.655338,1.580758,9.809832,80.726913,85.776291

15.8946676,0.746561,9.662517,1.559223,9.815944,80.860085,85.581902

15.8971825,0.741775,9.672089,1.544567,9.822689,80.952988,85.614441

15.8996992,0.748953,9.691231,1.587937,9.848981,80.721786,85.580879

15.9022112,0.756132,9.672089,1.592723,9.831470,80.676857,85.529900

15.9047279,0.784846,9.657731,1.599901,9.820765,80.624153,85.354004

15.9072437,0.732204,9.684052,1.575973,9.838734,80.782631,85.676140

15.9097586,0.710668,9.688838,1.549353,9.837639,80.938629,85.804916

15.9122744,0.765703,9.700802,1.559223,9.855103,80.896706,85.486893

15.9147892,0.792024,9.676874,1.580758,9.837072,80.752823,85.320938

15.9173050,0.768096,9.664909,1.566401,9.821103,80.822502,85.456100

15.9198208,0.770489,9.655338,1.599901,9.817275,80.620789,85.437508

15.9223366,0.784846,9.636196,1.597508,9.799198,80.617516,85.343666

15.9248514,0.784846,9.667302,1.580758,9.827081,80.743332,85.358589

15.9273672,0.796810,9.664909,1.614258,9.831135,80.549324,85.286987

15.9298830,0.820738,9.636196,1.602294,9.802919,80.592758,85.131729

15.9323978,0.820738,9.636196,1.578366,9.799037,80.730789,85.131729

15.9349136,0.811167,9.640982,1.587937,9.804492,80.679314,85.190613

15.9374294,0.799203,9.614660,1.575973,9.775689,80.722664,85.248306

15.9399452,0.863809,9.640982,1.559223,9.804379,80.849205,84.880104

15.9424601,0.827917,9.643374,1.585544,9.807858,80.696701,85.092995

15.9449749,0.830309,9.602696,1.602294,9.770801,80.561554,85.058136

15.9474907,0.837488,9.617053,1.599901,9.785131,80.589699,85.023033

15.9500055,0.866202,9.662517,1.590330,9.830752,80.690300,84.877380

15.9525213,0.856631,9.631411,1.575973,9.797019,80.743042,84.917412

15.9550371,0.873679,9.631411,1.554437,9.795083,80.868805,84.816803

15.9575529,0.866202,9.640982,1.561616,9.804972,80.835602,84.865997

15.9600687,0.837488,9.650553,1.587937,9.816114,80.690445,85.040222

15.9625807,0.844666,9.636196,1.573580,9.800301,80.760338,84.990509

15.9650955,0.825524,9.688838,1.611865,9.856631,80.588089,85.129959

15.9676113,0.796810,9.674481,1.621436,9.841725,80.517220,85.291634

15.9701262,0.768096,9.652946,1.616651,9.817479,80.521896,85.450493

15.9726410,0.753739,9.672089,1.647758,9.840352,80.360466,85.543983

15.9751577,0.765703,9.691231,1.666900,9.863306,80.270309,85.482452

15.9776726,0.801596,9.698409,1.626222,9.866423,80.512993,85.275116

15.9801884,0.756132,9.684052,1.623829,9.848321,80.509514,85.535400

15.9827042,0.746561,9.715159,1.592723,9.873117,80.716530,85.605743

15.9852200,0.732204,9.698409,1.619044,9.859846,80.548904,85.682510

15.9877348,0.715454,9.705587,1.669293,9.874048,80.266907,85.784027

15.9902515,0.725025,9.703195,1.652543,9.869576,80.361099,85.726784

15.9927664,0.760918,9.698409,1.657329,9.868378,80.331734,85.513878

15.9952812,0.748953,9.715159,1.633401,9.879942,80.483887,85.591721

15.9977970,0.725025,9.715159,1.664507,9.883348,80.304306,85.732025

16.0003128,0.744168,9.643374,1.662114,9.813821,80.249123,85.587296

16.0028248,0.806381,9.700802,1.635793,9.870747,80.460861,85.248199

16.0053406,0.758525,9.664909,1.628615,9.830475,80.463844,85.512489

16.0078545,0.732204,9.684052,1.599901,9.842595,80.645134,85.676140

16.0103703,0.775275,9.650553,1.621436,9.816480,80.492599,85.407021

16.0128860,0.765703,9.657731,1.628615,9.823974,80.457474,85.466843

16.0154018,0.787239,9.672089,1.614258,9.837422,80.555420,85.346794

16.0179157,0.758525,9.686445,1.602294,9.847331,80.635567,85.522430

16.0204315,0.763310,9.667302,1.633401,9.833991,80.439011,85.485405

16.0229473,0.739382,9.643374,1.602294,9.803504,80.593323,85.615562

16.0254631,0.744168,9.693624,1.585544,9.850588,80.737419,85.610085

16.0279770,0.708275,9.705587,1.614258,9.864376,80.581459,85.826180

16.0304928,0.701097,9.672089,1.595115,9.827779,80.659180,85.854073

16.0330086,0.667598,9.684052,1.592723,9.836835,80.681984,86.056396

16.0355225,0.672383,9.686445,1.564009,9.834909,80.849617,86.029190

16.0380383,0.681954,9.707980,1.609472,9.864094,80.609360,85.981758

16.0405540,0.669990,9.674481,1.616651,9.831482,80.535522,86.038399

16.0430717,0.669990,9.662517,1.599901,9.816965,80.620491,86.033508

16.0455856,0.686740,9.621839,1.587937,9.776141,80.652039,85.917549

16.0481014,0.679562,9.607482,1.604687,9.764248,80.540924,85.954063

16.0506172,0.701097,9.609875,1.633401,9.772882,80.378654,85.827324

16.0531330,0.741775,9.573982,1.609472,9.736620,80.485283,85.569679

16.0556469,0.725025,9.600304,1.642972,9.766824,80.315674,85.681160

16.0581627,0.705883,9.585947,1.628615,9.748899,80.383293,85.788498

16.0606785,0.741775,9.597911,1.623829,9.762527,80.425331,85.580681

16.0631943,0.727418,9.626625,1.628615,9.790477,80.424515,85.678764

16.0657101,0.741775,9.605089,1.599901,9.765636,80.570747,85.583969

16.0682240,0.722632,9.643374,1.611865,9.803824,80.536926,85.714516

16.0707397,0.739382,9.652946,1.616651,9.815274,80.519745,85.619896

16.0732555,0.708275,9.633803,1.592723,9.790229,80.637230,85.795189

16.0757713,0.760918,9.617053,1.616651,9.781629,80.486839,85.476082

16.0782871,0.746561,9.655338,1.638186,9.821739,80.398659,85.578629

16.0808029,0.736989,9.684052,1.657329,9.852449,80.315956,85.647987

16.0833168,0.748953,9.676874,1.645365,9.844290,80.378487,85.574348

16.0858326,0.736989,9.691231,1.662114,9.860311,80.295540,85.651199

16.0883484,0.753739,9.717552,1.602294,9.877565,80.664490,85.564751

16.0908642,0.753739,9.688838,1.626222,9.853238,80.500183,85.551659

16.0933800,0.751346,9.681660,1.585544,9.839360,80.726753,85.562447

16.0958958,0.739382,9.700802,1.578366,9.856139,80.784958,85.641418

16.0984097,0.734597,9.719945,1.566401,9.872719,80.870895,85.678017

16.1009254,0.763310,9.719945,1.592723,9.879107,80.722206,85.509758

16.1034412,0.772882,9.693624,1.578366,9.851645,80.780716,85.441399

16.1059570,0.782453,9.684052,1.592723,9.845297,80.690063,85.380646

16.1084728,0.763310,9.703195,1.592723,9.862626,80.706566,85.502037

16.1109886,0.756132,9.712767,1.546960,9.864211,80.977318,85.548546

16.1135044,0.758525,9.703195,1.564009,9.857660,80.870918,85.530128

16.1160202,0.739382,9.688838,1.599901,9.847840,80.650162,85.636055

16.1185341,0.744168,9.712767,1.607080,9.872909,80.631897,85.618698

16.1210499,0.760918,9.710373,1.604687,9.871442,80.644569,85.519386

16.1235657,0.746561,9.696016,1.554437,9.848166,80.918442,85.597107

16.1260815,0.756132,9.664909,1.566401,9.820174,80.821632,85.526588

16.1285973,0.787239,9.643374,1.623829,9.810771,80.472847,85.333000

16.1311111,0.811167,9.664909,1.619044,9.833096,80.522949,85.202461

16.1336269,0.820738,9.652946,1.650150,9.827308,80.333397,85.140137

16.1361427,0.842274,9.619446,1.652543,9.796635,80.288643,84.995972

16.1386585,0.842274,9.597911,1.614258,9.769092,80.488747,84.984802

16.1411724,0.823131,9.583553,1.580758,9.747863,80.667442,85.090919

16.1436882,0.835095,9.576375,1.546960,9.736397,80.857864,85.016205

16.1462040,0.871287,9.552447,1.583151,9.721870,80.627968,84.788429

16.1487198,0.909572,9.573982,1.614258,9.751630,80.471558,84.572929

16.1512356,0.888036,9.528519,1.609472,9.704209,80.453209,84.675545

16.1537495,0.919143,9.487542,1.585544,9.662930,80.555901,84.466515

16.1562653,0.928714,9.530911,1.597508,9.708389,80.528946,84.434532

16.1587811,0.923929,9.566804,1.583151,9.740829,80.646378,84.483681

16.1612968,0.933500,9.581161,1.546960,9.750032,80.870758,84.435188

16.1638126,0.940678,9.585947,1.554437,9.756615,80.832489,84.395454

16.1663284,0.919143,9.605089,1.559223,9.774137,80.820648,84.533821

16.1688442,0.873679,9.652946,1.564009,9.817780,80.833519,84.828300

16.1713600,0.873679,9.688838,1.561616,9.852692,80.880371,84.847359

16.1738739,0.890429,9.712767,1.534996,9.873546,81.056206,84.761986

16.1763916,0.909572,9.717552,1.537389,9.880370,81.048386,84.652641

16.1789055,0.885643,9.722338,1.602294,9.893208,80.679382,84.795082

16.1814213,0.880858,9.743873,1.595115,9.912787,80.739998,84.834435

16.1839352,0.873679,9.751051,1.552045,9.912374,80.991760,84.880058

16.1864491,0.895215,9.751051,1.556830,9.915045,80.966209,84.754547

16.1889648,0.888036,9.763016,1.537389,9.923137,81.087280,84.802719

16.1914806,0.863809,9.775279,1.544567,9.934180,81.055359,84.950081

16.1939964,0.854238,9.787243,1.556830,9.947038,80.995506,85.011826

16.1965122,0.849452,9.772886,1.602294,9.939730,80.723389,85.032379

16.1990280,0.849452,9.722338,1.611865,9.891588,80.621651,85.006683

16.2015419,0.835095,9.698409,1.595115,9.864122,80.693901,85.078606

16.2040558,0.847059,9.712767,1.573580,9.875803,80.831589,85.015793

16.2065697,0.835095,9.703195,1.568794,9.864608,80.849251,85.081024

16.2090855,0.861416,9.672089,1.544567,9.832448,80.962044,84.910545

16.2116013,0.844666,9.660124,1.554437,9.820781,80.892899,85.002853

16.2141151,0.839881,9.645767,1.527817,9.802064,81.032921,85.023666

16.2166309,0.808774,9.636196,1.511068,9.787426,81.118660,85.202362

16.2191467,0.813560,9.612267,1.554437,9.771071,80.846169,85.162148

16.2216625,0.873679,9.636196,1.568794,9.802076,80.790367,84.819359

16.2241783,0.854238,9.652946,1.552045,9.814170,80.900864,84.942780

16.2266922,0.859023,9.638589,1.580758,9.805056,80.722359,84.907066

16.2292080,0.880858,9.602696,1.556830,9.767877,80.828934,84.758911

16.2317238,0.866202,9.614660,1.542174,9.776006,80.923622,84.852020

16.2342377,0.866202,9.643374,1.542174,9.804248,80.949989,84.867264

16.2367554,0.866202,9.614660,1.549353,9.777141,80.882080,84.852020

16.2392693,0.868595,9.612267,1.537389,9.773111,80.949326,84.836594

16.2417850,0.868595,9.645767,1.518246,9.803079,81.090485,84.854431

16.2443008,0.830309,9.650553,1.511068,9.803362,81.133209,85.082527

16.2468166,0.844666,9.638589,1.573580,9.802653,80.762573,84.991745

16.2493305,0.866202,9.660124,1.587937,9.828013,80.701820,84.876122

16.2518463,0.880858,9.640982,1.546960,9.803954,80.921394,84.779610

16.2543621,0.900000,9.636196,1.554437,9.802171,80.875465,84.664177

16.2568779,0.892822,9.597911,1.544567,9.762311,80.896561,84.685493

16.2593937,0.892822,9.605089,1.542174,9.768991,80.917046,84.689445

16.2619076,0.911965,9.629018,1.511068,9.789433,81.120491,84.589653

16.2644081,0.928714,9.629018,1.532603,9.794353,80.997459,84.490891

16.2669239,0.923929,9.619446,1.542174,9.785995,80.932968,84.513687

16.2694378,0.926321,9.595518,1.532603,9.761194,80.966621,84.485931

16.2719536,0.878465,9.602696,1.573580,9.770344,80.731758,84.773071

16.2744675,0.914357,9.609875,1.571187,9.780305,80.755486,84.564804

16.2769833,0.986142,9.576375,1.552045,9.751322,80.841713,84.120605

16.2794991,0.969392,9.564411,1.571187,9.740960,80.717819,84.212601

16.2820129,0.974178,9.564411,1.580758,9.742986,80.662727,84.184227

16.2845459,0.974178,9.583553,1.546960,9.756362,80.876732,84.195763

16.2870617,0.945464,9.607482,1.575973,9.781682,80.728394,84.379669

16.2895775,0.938286,9.607482,1.573580,9.780605,80.741570,84.422073

16.2920933,0.935893,9.684052,1.587937,9.857905,80.730263,84.479927

16.2946091,0.974178,9.657731,1.575973,9.833843,80.778008,84.240044

16.2971230,0.993321,9.626625,1.573580,9.804833,80.764648,84.108803

16.2996387,0.983749,9.662517,1.532603,9.832643,81.032806,84.186699

16.3021545,0.976571,9.664909,1.585544,9.842668,80.729897,84.230247

16.3046684,0.959821,9.645767,1.571187,9.819914,80.793098,84.317375

16.3071842,0.923929,9.621839,1.575973,9.793728,80.739899,84.515038

16.3097000,0.947857,9.672089,1.539781,9.839647,80.996925,84.402931

16.3122158,0.900000,9.693624,1.583151,9.863199,80.763443,84.695602

16.3147297,0.890429,9.691231,1.554437,9.855409,80.925171,84.750412

16.3172455,0.873679,9.657731,1.532603,9.817533,81.018890,84.830849

16.3197613,0.835095,9.688838,1.539781,9.845907,81.002701,85.073769

16.3222752,0.832702,9.684052,1.564009,9.844815,80.858910,85.085396

16.3247910,0.803988,9.662517,1.559223,9.820478,80.864342,85.243553

16.3273067,0.818345,9.679267,1.561616,9.838523,80.867126,85.167351

16.3298225,0.792024,9.693624,1.578366,9.853167,80.782150,85.328987

16.3323364,0.796810,9.662517,1.590330,9.824881,80.684685,85.285828

16.3348522,0.839881,9.684052,1.611865,9.853140,80.584724,85.043243

16.3373680,0.806381,9.672089,1.614258,9.838973,80.556915,85.234161

16.3398838,0.777667,9.655338,1.604687,9.818623,80.593788,85.395180

16.3423977,0.768096,9.631411,1.583151,9.790833,80.694572,85.440361

16.3449135,0.765703,9.650553,1.571187,9.807553,80.781395,85.463486

16.3474293,0.784846,9.650553,1.578366,9.810219,80.741447,85.350563

16.3499451,0.784846,9.593125,1.583151,9.754507,80.659607,85.322853

16.3524609,0.799203,9.624231,1.554437,9.781658,80.856163,85.253014

16.3549747,0.753739,9.669696,1.592723,9.828933,80.674423,85.542885

16.3574905,0.739382,9.669696,1.573580,9.824758,80.783539,85.627449

16.3600063,0.760918,9.688838,1.552045,9.841820,80.926643,85.509468

16.3625202,0.753739,9.710373,1.552045,9.862470,80.945801,85.561485

16.3650379,0.782453,9.698409,1.552045,9.852929,80.936958,85.387451

16.3675537,0.777667,9.703195,1.573580,9.860675,80.817398,85.417793

16.3700695,0.765703,9.715159,1.554437,9.868481,80.937294,85.493530

16.3725834,0.756132,9.684052,1.556830,9.837496,80.894394,85.535400

16.3750992,0.775275,9.710373,1.559223,9.865271,80.906174,85.435196

16.3776150,0.777667,9.727123,1.554437,9.881193,80.949051,85.429024

16.3801308,0.758525,9.731909,1.532603,9.881006,81.077057,85.543259

16.3826466,0.729811,9.734302,1.520639,9.879352,81.145782,85.712379

16.3851604,0.741775,9.717552,1.544567,9.867459,80.994377,85.634880

16.3876743,0.765703,9.710373,1.592723,9.869874,80.713455,85.491318

16.3901901,0.760918,9.691231,1.571187,9.847212,80.818840,85.510567

16.3927059,0.727418,9.684052,1.546960,9.833773,80.949150,85.704292

16.3952217,0.751346,9.672089,1.575973,9.828403,80.772858,85.558075

16.3977356,0.780060,9.655338,1.602294,9.818421,80.607742,85.381073

16.4002514,0.789631,9.669696,1.597508,9.832526,80.649605,85.331558

16.4027672,0.765703,9.652946,1.534996,9.804176,80.992401,85.464607

16.4052811,0.782453,9.662517,1.532603,9.814547,81.016136,85.370392

16.4077969,0.765703,9.652946,1.520639,9.801939,81.075287,85.464607

16.4103127,0.746561,9.652946,1.499103,9.797144,81.198349,85.577538

16.4128265,0.753739,9.664909,1.518246,9.812425,81.099045,85.540688

16.4153423,0.741775,9.672089,1.530210,9.820442,81.035706,85.614441

16.4178581,0.732204,9.693624,1.499103,9.836146,81.233521,85.680389

16.4203739,0.748953,9.633803,1.513460,9.780678,81.098297,85.554642

16.4228897,0.715454,9.621839,1.561616,9.773960,80.806274,85.747467

16.4254055,0.705883,9.672089,1.571187,9.824265,80.797211,85.825874

16.4279213,0.701097,9.660124,1.580758,9.813681,80.730583,85.848953

16.4304371,0.729811,9.669696,1.525424,9.816443,81.060303,85.683838

16.4329510,0.727418,9.703195,1.539781,9.851500,81.007851,85.712738

16.4354668,0.727418,9.691231,1.556830,9.842399,80.898964,85.707458

16.4379826,0.772882,9.696016,1.568794,9.852471,80.837883,85.442520

16.4404984,0.777667,9.696016,1.534996,9.847523,81.032379,85.414421

16.4430141,0.768096,9.693624,1.571187,9.850123,80.821579,85.469505

16.4455280,0.765703,9.638589,1.578366,9.796935,80.728783,85.457878

16.4480419,0.792024,9.650553,1.587937,9.812340,80.686836,85.308228

16.4505577,0.775275,9.676874,1.604687,9.839612,80.614029,85.419464

16.4530735,0.775275,9.664909,1.587937,9.825125,80.699059,85.413818

16.4555893,0.784846,9.633803,1.614258,9.799590,80.518616,85.342522

16.4581051,0.780060,9.655338,1.566401,9.812628,80.814507,85.381073

16.4606190,0.794417,9.640982,1.580758,9.801960,80.719398,85.289467

16.4631348,0.772882,9.650553,1.564009,9.806969,80.823326,85.421135

16.4656487,0.770489,9.655338,1.590330,9.815720,80.675911,85.437508

16.4681644,0.796810,9.643374,1.554437,9.800298,80.873703,85.276512

16.4706802,0.799203,9.655338,1.542174,9.810330,80.955643,85.268234

16.4731960,0.768096,9.664909,1.525424,9.814651,81.058655,85.456100

16.4757118,0.722632,9.672089,1.537389,9.820135,80.993027,85.727188

16.4782257,0.739382,9.672089,1.508675,9.816929,81.159698,85.628532

16.4807415,0.744168,9.731909,1.501496,9.875137,81.254364,85.627281

16.4832573,0.751346,9.710373,1.556830,9.863042,80.918175,85.575516

16.4857712,0.758525,9.691231,1.542174,9.842440,80.985397,85.524628

16.4882870,0.736989,9.727123,1.556830,9.878451,80.932465,85.667183

16.4908009,0.739382,9.736694,1.546960,9.886505,80.997833,85.657425

16.4933167,0.739382,9.703195,1.554437,9.854692,80.924500,85.642487

16.4958324,0.751346,9.729516,1.549353,9.880713,80.978462,85.584190

16.4983482,0.739382,9.741480,1.537389,9.889726,81.056923,85.659546

16.5008621,0.760918,9.743873,1.561616,9.897510,80.922012,85.534729

16.5033779,0.753739,9.705587,1.549353,9.857334,80.956886,85.559303

16.5058784,0.698704,9.724730,1.527817,9.868779,81.094040,85.890465

16.5083923,0.734597,9.731909,1.559223,9.883363,80.922958,85.683311

16.5109081,0.734597,9.674481,1.544567,9.824506,80.954674,85.657784

16.5134220,0.708275,9.674481,1.566401,9.826030,80.827148,85.812805

16.5159378,0.681954,9.684052,1.571187,9.834356,80.806740,85.971863

16.5184536,0.684347,9.662517,1.532603,9.807213,81.009361,85.948792

16.5209675,0.686740,9.662517,1.564009,9.812337,80.828392,85.934677

16.5234833,0.703490,9.660124,1.578366,9.813467,80.744537,85.834839

16.5260143,0.710668,9.684052,1.633401,9.846519,80.451286,85.802849

16.5285282,0.701097,9.652946,1.566401,9.804311,80.806648,85.845879

16.5310440,0.691526,9.688838,1.607080,9.845531,80.605614,85.917526

16.5335598,0.669990,9.672089,1.604687,9.827167,80.602036,86.037422

16.5360756,0.681954,9.640982,1.631008,9.801723,80.421417,85.953926

16.5385914,0.722632,9.652946,1.583151,9.808564,80.711540,85.718750

16.5411053,0.744168,9.636196,1.580758,9.793307,80.711128,85.584023

16.5436211,0.756132,9.650553,1.583151,9.808735,80.711708,85.519958

16.5461369,0.736989,9.640982,1.614258,9.802934,80.521881,85.628616

16.5486546,0.751346,9.614660,1.604687,9.776566,80.552948,85.531654

16.5511684,0.799203,9.640982,1.590330,9.803897,80.664566,85.261223

16.5536842,0.830309,9.655338,1.585544,9.819822,80.708138,85.084946

16.5562000,0.835095,9.662517,1.534996,9.819258,81.006348,85.060417

16.5587139,0.813560,9.633803,1.554437,9.792258,80.866150,85.172913

16.5612297,0.811167,9.657731,1.597508,9.822515,80.639984,85.198914

16.5637455,0.830309,9.660124,1.571187,9.822222,80.795280,85.087372

16.5662575,0.827917,9.667302,1.587937,9.831771,80.705406,85.105080

16.5687733,0.832702,9.669696,1.575973,9.832603,80.776833,85.078140

16.5712891,0.878465,9.700802,1.542174,9.861823,81.003265,84.825638

16.5738049,0.897608,9.715159,1.590330,9.885301,80.742126,84.721291

16.5763206,0.902393,9.684052,1.559223,9.850196,80.892136,84.676353

16.5788345,0.902393,9.705587,1.573580,9.873647,80.829567,84.688103

16.5813503,0.907179,9.684052,1.546960,9.848701,80.962990,84.648285

16.5838661,0.885643,9.684052,1.544567,9.846366,80.974922,84.774620

16.5863819,0.861416,9.710373,1.532603,9.868244,81.065422,84.930511

16.5888977,0.837488,9.655338,1.525424,9.810905,81.055214,85.042664

16.5914116,0.839881,9.660124,1.554437,9.820370,80.892517,85.031021

16.5939274,0.818345,9.710373,1.532603,9.864578,81.062080,85.182762

16.5964432,0.813560,9.664909,1.537389,9.820179,80.993065,85.188377

16.5989590,0.818345,9.679267,1.554437,9.837386,80.908401,85.167351

16.6014729,0.825524,9.672089,1.587937,9.836276,80.709694,85.121567

16.6039886,0.868595,9.624231,1.621436,9.798436,80.474930,84.842979

16.6065044,0.847059,9.652946,1.609472,9.822793,80.569519,84.985062

16.6090202,0.847059,9.664909,1.559223,9.826452,80.869942,84.991241

16.6115360,0.844666,9.633803,1.571187,9.797564,80.771912,84.989273

16.6140499,0.832702,9.588340,1.595115,9.755719,80.589561,85.036583

16.6165657,0.847059,9.605089,1.590330,9.772635,80.634438,84.960205

16.6190815,0.844666,9.600304,1.595115,9.768505,80.601990,84.971878

16.6215954,0.815953,9.593125,1.599901,9.759790,80.565048,85.138351

16.6241131,0.823131,9.619446,1.607080,9.787440,80.549347,85.109146

16.6266289,0.815953,9.643374,1.559223,9.802633,80.847565,85.163567

16.6291428,0.808774,9.626625,1.592723,9.790955,80.637924,85.197617

16.6316586,0.780060,9.648160,1.590330,9.809416,80.669868,85.377655

16.6341743,0.827917,9.640982,1.544567,9.798963,80.930901,85.091782

16.6366882,0.808774,9.660124,1.539781,9.815449,80.974548,85.214188

16.6392040,0.792024,9.660124,1.552045,9.816014,80.902588,85.312859

16.6417198,0.808774,9.667302,1.583151,9.829406,80.731415,85.217728

16.6442356,0.808774,9.707980,1.595115,9.871342,80.700775,85.237671

16.6467495,0.784846,9.703195,1.583151,9.862776,80.763046,85.375679

16.6492653,0.792024,9.717552,1.566401,9.874804,80.872841,85.340439

16.6517792,0.770489,9.684052,1.568794,9.840509,80.826645,85.450981

16.6542950,0.770489,9.710373,1.583151,9.868707,80.768646,85.463257

16.6568108,0.763310,9.700802,1.609472,9.862991,80.608307,85.500938

16.6593246,0.739382,9.667302,1.590330,9.825099,80.684891,85.626373

16.6618423,0.760918,9.648160,1.623829,9.813399,80.475426,85.490608

16.6643562,0.775275,9.633803,1.597508,9.796083,80.614502,85.399071

16.6668701,0.760918,9.629018,1.604687,9.791425,80.567421,85.481682

16.6693859,0.760918,9.605089,1.602294,9.767501,80.558334,85.470474

16.6719017,0.765703,9.590733,1.566401,9.747927,80.753006,85.435310

16.6744156,0.751346,9.571589,1.583151,9.730684,80.636536,85.511627

16.6769314,0.780060,9.597911,1.631008,9.766707,80.386757,85.353561

16.6794739,0.789631,9.617053,1.578366,9.777652,80.710335,85.306122

16.6820164,0.825524,9.583553,1.559223,9.744596,80.792580,85.076714

16.6845322,0.832702,9.607482,1.578366,9.771813,80.704735,85.046425

16.6870556,0.868595,9.597911,1.561616,9.762837,80.795708,84.828918

16.6895809,0.895215,9.619446,1.571187,9.787940,80.762756,84.683197

16.6920967,0.892822,9.629018,1.592723,9.800607,80.647232,84.702568

16.6946106,0.916750,9.664909,1.571187,9.834609,80.806976,84.581505

16.6971245,0.923929,9.681660,1.542174,9.847157,80.989754,84.548729

16.6996403,0.921536,9.698409,1.561616,9.866459,80.893204,84.572090

16.7021465,0.902393,9.681660,1.552045,9.846710,80.931183,84.675049

16.7046604,0.902393,9.674481,1.544567,9.838475,80.967628,84.671120

16.7071686,0.923929,9.712767,1.544567,9.878116,81.004173,84.566078

16.7096844,0.926321,9.736694,1.542174,9.901494,81.039604,84.565399

16.7121983,0.892822,9.717552,1.539781,9.879215,81.033279,84.750557

16.7147141,0.890429,9.724730,1.520639,9.883096,81.149162,84.768394

16.7172298,0.866202,9.674481,1.503889,9.828916,81.198799,84.883682

16.7197437,0.876072,9.664909,1.542174,9.826305,80.970474,84.820602

16.7222595,0.876072,9.633803,1.554437,9.797649,80.871216,84.803970

16.7247753,0.878465,9.650553,1.549353,9.813529,80.916176,84.798843

16.7272911,0.876072,9.626625,1.597508,9.797523,80.615898,84.800117

16.7298050,0.856631,9.595518,1.566401,9.760195,80.764732,84.898499

16.7322712,0.873679,9.619446,1.564009,9.784844,80.802399,84.810387

16.7347851,0.844666,9.612267,1.566401,9.775620,80.779434,84.978104

16.7373009,0.849452,9.626625,1.573580,9.791304,80.751778,84.957291

16.7398148,0.863809,9.605089,1.568794,9.770619,80.760460,84.861076

16.7423286,0.883251,9.607482,1.566401,9.774326,80.778206,84.747353

16.7448425,0.863809,9.650553,1.592723,9.819170,80.665070,84.885155

16.7473564,0.878465,9.640982,1.575973,9.808359,80.753838,84.793709

16.7498703,0.871287,9.645767,1.552045,9.808609,80.895660,84.838570

16.7523918,0.851845,9.640982,1.544567,9.801013,80.932808,84.950653

16.7549076,0.863809,9.693624,1.534996,9.852345,81.036804,84.907761

16.7574215,0.895215,9.633803,1.518246,9.793704,81.081886,84.691071

16.7599354,0.866202,9.643374,1.568794,9.808470,80.796425,84.867264

16.7624493,0.878465,9.688838,1.568794,9.854258,80.839554,84.819290

16.7649632,0.897608,9.703195,1.552045,9.867448,80.950401,84.714813

16.7674789,0.871287,9.719945,1.539781,9.879645,81.033676,84.877754

16.7699928,0.859023,9.734302,1.532603,9.891583,81.086678,84.956879

16.7725182,0.876072,9.674481,1.539781,9.835345,80.992958,84.825699

16.7750340,0.844666,9.664909,1.520639,9.820197,81.092010,85.005318

16.7775478,0.813560,9.724730,1.554437,9.881727,80.949539,85.217834

16.7800617,0.803988,9.734302,1.539781,9.888071,81.041382,85.278465

16.7825756,0.792024,9.698409,1.564009,9.855585,80.868980,85.331276

16.7850914,0.772882,9.686445,1.515853,9.834754,81.133522,85.438034

16.7876053,0.787239,9.676874,1.527817,9.828320,81.057076,85.349083

16.7901192,0.813560,9.657731,1.556830,9.816179,80.874451,85.184814

16.7926369,0.782453,9.674481,1.580758,9.833952,80.749863,85.376091

16.7951508,0.756132,9.640982,1.575973,9.798161,80.744125,85.515533

16.7976665,0.777667,9.655338,1.564009,9.812056,80.828125,85.395180

16.8001804,0.789631,9.645767,1.525424,9.797513,81.042892,85.320030

16.8026943,0.794417,9.648160,1.506282,9.797294,81.155998,85.292953

16.8052101,0.789631,9.626625,1.583151,9.787840,80.691704,85.310768

16.8077240,0.796810,9.643374,1.595115,9.806832,80.639053,85.276512

16.8102379,0.780060,9.648160,1.564009,9.805182,80.821640,85.377655

16.8127613,0.823131,9.652946,1.546960,9.810708,80.927696,85.126038

16.8152752,0.772882,9.633803,1.530210,9.785145,81.003105,85.413208

16.8177891,0.760918,9.607482,1.518246,9.756422,81.047531,85.471596

16.8203049,0.741775,9.593125,1.503889,9.738582,81.116501,85.578484

16.8228188,0.748953,9.595518,1.527817,9.745211,80.980171,85.536972

16.8253345,0.768096,9.614660,1.549353,9.768938,80.874359,85.432457

16.8278484,0.760918,9.602696,1.559223,9.758173,80.805504,85.469353

16.8303642,0.734597,9.624231,1.552045,9.776212,80.865227,85.635201

16.8328838,0.729811,9.583553,1.559223,9.736956,80.785294,85.645195

16.8353977,0.748953,9.662517,1.544567,9.813808,80.944733,85.567795

16.8379135,0.784846,9.669696,1.523032,9.820317,81.077995,85.359734

16.8404274,0.739382,9.686445,1.523032,9.833287,81.089859,85.634987

16.8429432,0.705883,9.696016,1.532603,9.841742,81.041168,85.836136

16.8454571,0.756132,9.688838,1.546960,9.840651,80.955528,85.537590

16.8479729,0.751346,9.707980,1.542174,9.858382,81.000099,85.574432

16.8504887,0.701097,9.717552,1.542174,9.864110,81.005363,85.873405

16.8530064,0.739382,9.691231,1.546960,9.841734,80.956535,85.637131

16.8555202,0.739382,9.691231,1.544567,9.841358,80.970291,85.637131

16.8580360,0.698704,9.722338,1.566401,9.872469,80.870667,85.889458

16.8605499,0.710668,9.717552,1.556830,9.867097,80.921936,85.817268

16.8630657,0.713061,9.727123,1.537389,9.873649,81.042244,85.807350

16.8655815,0.722632,9.736694,1.532603,9.883030,81.078903,85.755440

16.8680954,0.725025,9.715159,1.525424,9.860878,81.100914,85.732025

16.8706112,0.758525,9.693624,1.520639,9.841445,81.111404,85.525726

16.8731270,0.708275,9.674481,1.534996,9.821072,81.008026,85.812805

16.8756428,0.748953,9.648160,1.549353,9.800429,80.903931,85.561226

16.8781567,0.758525,9.676874,1.566401,9.832134,80.832893,85.518021

16.8806725,0.753739,9.707980,1.532603,9.857072,81.055214,85.560394

16.8831863,0.753739,9.688838,1.527817,9.837476,81.065468,85.551659

16.8857021,0.792024,9.667302,1.525424,9.818908,81.062569,85.316322

16.8882179,0.777667,9.638589,1.542174,9.792112,80.938675,85.387215

16.8907337,0.780060,9.669696,1.539781,9.822548,80.981125,85.387901

16.8932495,0.780060,9.650553,1.515853,9.799973,81.101799,85.378792

16.8957653,0.777667,9.669696,1.518246,9.819005,81.105057,85.401993

16.8982792,0.772882,9.712767,1.499103,9.858118,81.253212,85.450348

16.9007950,0.787239,9.686445,1.532603,9.838488,81.038177,85.353661

16.9033108,0.784846,9.707980,1.566401,9.864810,80.863518,85.377953

16.9058247,0.799203,9.748658,1.549353,9.903311,80.999214,85.313324

16.9083405,0.787239,9.780065,1.554437,9.934067,80.997620,85.397942

16.9108543,0.741775,9.780065,1.525424,9.926067,81.159828,85.662674

16.9133701,0.732204,9.825528,1.520639,9.969426,81.226418,85.738167

16.9158859,0.722632,9.801600,1.518246,9.944778,81.218445,85.783440

16.9183998,0.725025,9.770494,1.532603,9.916505,81.109261,85.756111

16.9209156,0.698704,9.830314,1.506282,9.969561,81.310013,85.934456

16.9234295,0.681954,9.813564,1.506282,9.951884,81.294456,86.024849

16.9259472,0.689133,9.851849,1.537389,9.994868,81.151764,85.998703

16.9284611,0.677169,9.825528,1.539781,9.968474,81.114227,86.057449

16.9309769,0.638884,9.792028,1.554437,9.935204,80.998665,86.267014

16.9334927,0.624527,9.792028,1.530210,9.930529,81.135887,86.350670

16.9360085,0.612563,9.772886,1.539781,9.912390,81.063538,86.413406

16.9385242,0.636491,9.755837,1.604687,9.907396,80.678825,86.267197

16.9410400,0.636491,9.789636,1.602294,9.940293,80.723923,86.280045

16.9435539,0.624527,9.741480,1.546960,9.883296,80.994881,86.331787

16.9460697,0.600299,9.719945,1.539781,9.859443,81.015152,86.465927

16.9485855,0.595514,9.722338,1.554437,9.863811,80.932968,86.494888

16.9510994,0.562014,9.712767,1.561616,9.853544,80.881165,86.688362

16.9536114,0.538086,9.664909,1.552045,9.803513,80.890884,86.813393

16.9561272,0.533300,9.676874,1.580758,9.819628,80.736244,86.845573

16.9586411,0.554836,9.655338,1.539781,9.793076,80.953751,86.711166

16.9611568,0.540479,9.667302,1.571187,9.809051,80.782814,86.800041

16.9636707,0.533300,9.636196,1.564009,9.776851,80.794807,86.832283

16.9661865,0.504586,9.643374,1.602294,9.788596,80.578865,87.004745

16.9687023,0.468694,9.667302,1.621436,9.813535,80.489723,87.224335

16.9712162,0.497408,9.664909,1.587937,9.807112,80.681824,87.053848

16.9737339,0.480658,9.645767,1.573580,9.785091,80.745850,87.147255

16.9762478,0.495015,9.664909,1.539781,9.799309,80.959557,87.068001

16.9787636,0.487837,9.660124,1.566401,9.798449,80.801102,87.109016

16.9813099,0.485444,9.640982,1.566401,9.779458,80.783081,87.117470

16.9838543,0.490230,9.645767,1.595115,9.789052,80.621895,87.090546

16.9863682,0.511765,9.676874,1.559223,9.815038,80.859230,86.972710

16.9888916,0.528515,9.719945,1.571187,9.860289,80.831123,86.887650

16.9914150,0.559621,9.691231,1.585544,9.836009,80.723564,86.695122

16.9939308,0.573978,9.669696,1.604687,9.818731,80.593887,86.602997

16.9964333,0.578764,9.681660,1.568794,9.825000,80.812042,86.578964

16.9989338,0.569193,9.700802,1.552045,9.840650,80.925552,86.642029

17.0014496,0.605384,9.707980,1.556830,9.850639,80.906647,86.431686

17.0039902,0.638884,9.724730,1.542174,9.866958,81.007980,86.241249

17.0065041,0.636491,9.715159,1.542174,9.857370,80.999168,86.251610

17.0090199,0.624527,9.707980,1.544567,9.849903,80.978195,86.319160

17.0115337,0.653241,9.710373,1.566401,9.857570,80.856750,86.151375

17.0140495,0.669990,9.772886,1.571187,9.921029,80.887741,86.078163

17.0165634,0.643669,9.734302,1.580758,9.882800,80.795982,86.216888

17.0190811,0.665205,9.722338,1.544567,9.866714,80.993690,86.085907

17.0215950,0.684347,9.734302,1.561616,9.882490,80.908104,85.978569

17.0241108,0.658026,9.770494,1.544567,9.913689,81.036720,86.147041

17.0265675,0.677169,9.717552,1.564009,9.865875,80.878586,86.013779

17.0290813,0.658026,9.746265,1.571187,9.894004,80.862633,86.137497

17.0315952,0.686740,9.741480,1.573580,9.891623,80.846375,85.967522

17.0341072,0.701097,9.705587,1.564009,9.855764,80.869148,85.868332

17.0366211,0.727418,9.693624,1.534996,9.841326,81.026680,85.708519

17.0391350,0.741775,9.712767,1.552045,9.863920,80.947144,85.632736

17.0416489,0.734597,9.669696,1.554437,9.821351,80.893433,85.655647

17.0441628,0.782453,9.674481,1.592723,9.835883,80.681076,85.376091

17.0466862,0.753739,9.648160,1.590330,9.807358,80.667892,85.532982

17.0492001,0.744168,9.638589,1.575973,9.794890,80.741013,85.585114

17.0517139,0.765703,9.638589,1.597508,9.800037,80.618324,85.457878

17.0542278,0.815953,9.585947,1.607080,9.753915,80.516563,85.134727

17.0567417,0.823131,9.585947,1.597508,9.752946,80.572617,85.092133

17.0592556,0.794417,9.595518,1.614258,9.762730,80.482491,85.267250

17.0617695,0.760918,9.581161,1.595115,9.742794,80.576965,85.459206

17.0642834,0.756132,9.569197,1.609472,9.733020,80.481735,85.482033

17.0668087,0.713061,9.528519,1.607080,9.689366,80.452797,85.720284

17.0693226,0.708275,9.557233,1.599901,9.716071,80.522202,85.761627

17.0718365,0.701097,9.559626,1.571187,9.713219,80.691071,85.805473

17.0743504,0.684347,9.569197,1.542174,9.716798,80.867844,85.909416

17.0768642,0.691526,9.559626,1.534996,9.706743,80.901222,85.862534

17.0793781,0.672383,9.578768,1.556830,9.727724,80.790749,85.984703

17.0818939,0.672383,9.588340,1.575973,9.740229,80.688591,85.988693

17.0844078,0.691526,9.595518,1.635793,9.758483,80.350075,85.877960

17.0869312,0.650848,9.583553,1.635793,9.743917,80.335510,86.114838

17.0894451,0.631705,9.605089,1.633401,9.763441,80.369263,86.237206

17.0919590,0.646062,9.633803,1.638186,9.793427,80.370636,86.163376

17.0944748,0.684347,9.636196,1.645365,9.799583,80.334167,85.937767

17.0969887,0.710668,9.607482,1.623829,9.769626,80.432350,85.769516

17.0995026,0.701097,9.619446,1.635793,9.782694,80.374184,85.831467

17.1020164,0.739382,9.633803,1.633401,9.799227,80.404770,85.611221

17.1045303,0.725025,9.655338,1.590330,9.812256,80.672592,85.705681

17.1070538,0.725025,9.674481,1.616651,9.835386,80.539314,85.714149

17.1095676,0.746561,9.684052,1.597508,9.843285,80.659912,85.591690

17.1120815,0.715454,9.679267,1.609472,9.838216,80.584435,85.772606

17.1145973,0.780060,9.645767,1.602294,9.809010,80.598648,85.376511

17.1171112,0.787239,9.676874,1.633401,9.845284,80.450081,85.349083

17.1196251,0.765703,9.703195,1.619044,9.867096,80.555908,85.487999

17.1221409,0.768096,9.660124,1.621436,9.825326,80.501244,85.453857

17.1246548,0.772882,9.681660,1.578366,9.839874,80.769592,85.435791

17.1271687,0.813560,9.667302,1.607080,9.833683,80.594193,85.189560

17.1296844,0.796810,9.684052,1.611865,9.849563,80.581276,85.296265

17.1321983,0.837488,9.686445,1.616651,9.856073,80.559349,85.058510

17.1347141,0.818345,9.672089,1.592723,9.836451,80.681618,85.163780

17.1372280,0.799203,9.700802,1.532603,9.853586,81.052025,85.290314

17.1397419,0.789631,9.724730,1.518246,9.874157,81.155136,85.357864

17.1422577,0.844666,9.703195,1.561616,9.864284,80.891174,85.024925

17.1447716,0.873679,9.688838,1.573580,9.854595,80.811684,84.847359

17.1472893,0.873679,9.664909,1.539781,9.825717,80.984055,84.834671

17.1498051,0.923929,9.696016,1.580758,9.867379,80.781471,84.556747

17.1523209,0.935893,9.722338,1.585544,9.895135,80.779480,84.501526

17.1548347,0.947857,9.698409,1.556830,9.868196,80.922958,84.418030

17.1573486,0.928714,9.729516,1.554437,9.896579,80.963234,84.547447

17.1598644,0.921536,9.703195,1.537389,9.867359,81.036484,84.574753

17.1623783,0.914357,9.667302,1.542174,9.832146,80.975883,84.596893

17.1648941,0.907179,9.681660,1.530210,9.843732,81.057091,84.646973

17.1674137,0.952643,9.676874,1.508675,9.839995,81.180588,84.377617

17.1699276,0.928714,9.684052,1.515853,9.845872,81.143616,84.522011

17.1724415,0.902393,9.698409,1.561616,9.864689,80.891556,84.684189

17.1749573,0.921536,9.640982,1.539781,9.806563,80.966301,84.539955

17.1774712,0.873679,9.633803,1.523032,9.792502,81.052444,84.818085

17.1799850,0.880858,9.650553,1.542174,9.812613,80.957771,84.784760

17.1825008,0.900000,9.624231,1.571187,9.793082,80.767654,84.657578

17.1850147,0.880858,9.638589,1.573580,9.805838,80.765602,84.778320

17.1875362,0.830309,9.650553,1.534996,9.807078,80.995087,85.082527

17.1900520,0.830309,9.629018,1.523032,9.784019,81.044624,85.071579

17.1925659,0.796810,9.629018,1.571187,9.788847,80.763626,85.269501

17.1950817,0.772882,9.674481,1.559223,9.829756,80.873032,85.432419

17.1975956,0.782453,9.662517,1.527817,9.813801,81.043739,85.370392

17.2001114,0.756132,9.605089,1.552045,9.759012,80.848991,85.498840

17.2026253,0.715454,9.640982,1.537389,9.788971,80.964111,85.755882

17.2051411,0.715454,9.645767,1.556830,9.796756,80.856201,85.757980

17.2076607,0.679562,9.657731,1.566401,9.807507,80.809669,85.975044

17.2101746,0.713061,9.698409,1.568794,9.850315,80.835861,85.794975

17.2126904,0.727418,9.655338,1.585544,9.811658,80.700340,85.691566

17.2152042,0.739382,9.643374,1.575973,9.799236,80.745148,85.615562

17.2177200,0.732204,9.629018,1.604687,9.789235,80.565292,85.651520

17.2202339,0.753739,9.638589,1.599901,9.799500,80.603622,85.528564

17.2227497,0.765703,9.652946,1.590330,9.812992,80.673302,85.464607

17.2252655,0.760918,9.621839,1.561616,9.777393,80.809532,85.478325

17.2277794,0.753739,9.609875,1.549353,9.763110,80.868866,85.515259

17.2302952,0.756132,9.585947,1.597508,9.747520,80.567322,85.489891

17.2328091,0.713061,9.569197,1.599901,9.728189,80.534119,85.738403

17.2353249,0.739382,9.569197,1.556830,9.723165,80.786392,85.581711

17.2378387,0.763310,9.571589,1.561616,9.728135,80.762589,85.440453

17.2403545,0.760918,9.578768,1.571187,9.736550,80.713577,85.458076

17.2428684,0.765703,9.547662,1.573580,9.706714,80.670464,85.414810

17.2453842,0.763310,9.554840,1.611865,9.719862,80.454422,85.432495

17.2479019,0.753739,9.581161,1.611865,9.744992,80.479271,85.501869

17.2504158,0.746561,9.583553,1.611865,9.746792,80.481041,85.545647

17.2529316,0.732204,9.593125,1.595115,9.752362,80.586296,85.635315

17.2554455,0.775275,9.590733,1.513460,9.740316,81.061104,85.378502

17.2579613,0.784846,9.593125,1.552045,9.749507,80.839996,85.322853

17.2604752,0.765703,9.595518,1.607080,9.759251,80.521797,85.437576

17.2629910,0.741775,9.590733,1.546960,9.742970,80.864082,85.577385

17.2655067,0.765703,9.569197,1.578366,9.728673,80.663147,85.425079

17.2680264,0.765703,9.564411,1.537389,9.717398,80.896996,85.422806

17.2705421,0.782453,9.554840,1.549353,9.711215,80.819649,85.318451

17.2730560,0.777667,9.542876,1.546960,9.698677,80.821999,85.341148

17.2755718,0.777667,9.581161,1.530210,9.733702,80.955162,85.359688

17.2780895,0.825524,9.600304,1.487139,9.749816,81.226425,85.085266

17.2806034,0.782453,9.557233,1.544567,9.712807,80.849762,85.319618

17.2831192,0.861416,9.552447,1.564009,9.717891,80.738472,84.847145

17.2856331,0.849452,9.547662,1.552045,9.710214,80.802605,84.915802

17.2881470,0.782453,9.593125,1.527817,9.745487,80.980431,85.337051

17.2906609,0.815953,9.564411,1.542174,9.722244,80.873001,85.123825

17.2931767,0.844666,9.602696,1.530210,9.760470,80.980171,84.973122

17.2956924,0.854238,9.640982,1.515853,9.796737,81.098839,84.936539

17.2982082,0.827917,9.640982,1.458425,9.785754,81.428963,85.091782

17.3007240,0.856631,9.679267,1.513460,9.834256,81.147179,84.942413

17.3032379,0.885643,9.669696,1.499103,9.825208,81.223686,84.766907

17.3057537,0.827917,9.691231,1.499103,9.841377,81.238220,85.117111

17.3082695,0.888036,9.741480,1.511068,9.897897,81.218575,84.791298

17.3107853,0.892822,9.763016,1.482354,9.915190,81.401855,84.774872

17.3132992,0.902393,9.787243,1.503889,9.943145,81.300697,84.732170

17.3158150,0.911965,9.794421,1.472782,9.946429,81.484818,84.680496

17.3183308,0.902393,9.794421,1.477568,9.946266,81.456802,84.736008

17.3208447,0.854238,9.792028,1.484746,9.940725,81.410164,85.014252

17.3233604,0.847059,9.794421,1.482354,9.942111,81.425316,85.057137

17.3258743,0.859023,9.763016,1.501496,9.915084,81.289871,84.971634

17.3283920,0.878465,9.784850,1.501496,9.938284,81.310364,84.869850

17.3309059,0.897608,9.770494,1.463211,9.920142,81.517982,84.751015

17.3334217,0.871287,9.758230,1.499103,9.911080,81.300323,84.897743

17.3359394,0.876072,9.734302,1.525424,9.891969,81.129112,84.857323

17.3384533,0.911965,9.722338,1.530210,9.884183,81.093987,84.641281

17.3409691,0.911965,9.672089,1.515853,9.832538,81.131508,84.613602

17.3434830,0.928714,9.672089,1.566401,9.842024,80.842178,84.515274

17.3459988,0.923929,9.662517,1.539781,9.827960,80.986130,84.537994

17.3485107,0.919143,9.667302,1.537389,9.831842,81.003838,84.568787

17.3510265,0.952643,9.669696,1.534996,9.837009,81.022713,84.373474

17.3535423,0.916750,9.662517,1.513460,9.823198,81.137138,84.580177

17.3560581,0.943071,9.657731,1.534996,9.824325,81.011024,84.422783

17.3585739,0.914357,9.645767,1.494318,9.803564,81.232460,84.584908

17.3610878,0.945464,9.585947,1.525424,9.752498,81.001205,84.367126

17.3636036,0.945464,9.593125,1.523032,9.759179,81.021637,84.371307

17.3661175,0.923929,9.614660,1.566401,9.785139,80.788483,84.510971

17.3686371,0.940678,9.607482,1.552045,9.777393,80.866341,84.407936

17.3711510,0.950250,9.621839,1.523032,9.787869,81.048172,84.359779

17.3736668,0.940678,9.593125,1.542174,9.761723,80.910233,84.399620

17.3761826,0.952643,9.617053,1.566401,9.790242,80.793327,84.342873

17.3786964,0.943071,9.617053,1.544567,9.785846,80.918640,84.399345

17.3812122,0.952643,9.626625,1.580758,9.801950,80.719391,84.348457

17.3837261,0.988535,9.609875,1.564009,9.786369,80.803841,84.126839

17.3862438,0.993321,9.617053,1.561616,9.793520,80.824799,84.102982

17.3887558,0.959821,9.593125,1.542174,9.763586,80.911980,84.286400

17.3912716,0.978964,9.600304,1.552045,9.774100,80.863235,84.177551

17.3937893,0.969392,9.590733,1.564009,9.765654,80.784164,84.228378

17.3963032,0.981356,9.619446,1.556830,9.793902,80.853516,84.174950

17.3988190,0.969392,9.643374,1.518246,9.810171,81.096985,84.259674

17.4013329,0.947857,9.629018,1.539781,9.797313,80.957695,84.378059

17.4038486,0.926321,9.643374,1.571187,9.814344,80.787827,84.513130

17.4063625,0.931107,9.648160,1.534996,9.813774,81.001282,84.487671

17.4088821,0.902393,9.664909,1.539781,9.828312,80.986458,84.665871

17.4113998,0.888036,9.698409,1.525424,9.857720,81.098045,84.768295

17.4139137,0.863809,9.758230,1.537389,9.916289,81.081078,84.941299

17.4164295,0.859023,9.772886,1.559223,9.933701,80.969337,84.976692

17.4189434,0.880858,9.782457,1.534996,9.941257,81.117615,84.854698

17.4214592,0.818345,9.743873,1.487139,9.890618,81.352295,85.199242

17.4239769,0.827917,9.789636,1.532603,9.943404,81.133507,85.165955

17.4264908,0.823131,9.775279,1.534996,9.929241,81.106781,85.186745

17.4290009,0.794417,9.777672,1.525424,9.927783,81.161369,85.355034

17.4315166,0.748953,9.746265,1.552045,9.897448,80.978065,85.605728

17.4340324,0.768096,9.753445,1.552045,9.905983,80.985901,85.497177

17.4365482,0.741775,9.746265,1.544567,9.895737,81.020325,85.647690

17.4390640,0.732204,9.741480,1.556830,9.892233,80.945198,85.701530

17.4415779,0.741775,9.734302,1.546960,9.884328,80.995834,85.642357

17.4440937,0.720240,9.710373,1.534996,9.857297,81.041344,85.758011

17.4466076,0.713061,9.669696,1.544567,9.818206,80.948822,85.782539

17.4491272,0.696311,9.722338,1.559223,9.871163,80.911644,85.903488

17.4516430,0.660419,9.667302,1.590330,9.819472,80.679512,86.091927

17.4541569,0.698704,9.636196,1.546960,9.784556,80.903244,85.852837

17.4566727,0.653241,9.643374,1.518246,9.783990,81.072960,86.124710

17.4591866,0.624527,9.638589,1.508675,9.775916,81.122314,86.292732

17.4617043,0.648455,9.643374,1.460818,9.774924,81.405205,86.153015

17.4642200,0.629312,9.652946,1.441676,9.780277,81.523346,86.269951

17.4667339,0.624527,9.640982,1.465604,9.771722,81.373993,86.293655

17.4692516,0.622134,9.652946,1.491925,9.787352,81.231995,86.312378

17.4717655,0.638884,9.679267,1.534996,9.821028,81.007980,86.223648

17.4742813,0.612563,9.664909,1.554437,9.808261,80.881180,86.373444

17.4767952,0.641276,9.631411,1.544567,9.775530,80.908974,86.190765

17.4793110,0.665205,9.650553,1.544567,9.795987,80.928123,86.056885

17.4818287,0.634098,9.669696,1.549353,9.813541,80.916191,86.248154

17.4843426,0.658026,9.631411,1.590330,9.783978,80.645393,86.091576

17.4868584,0.624527,9.676874,1.580758,9.825005,80.741364,86.307365

17.4893723,0.662812,9.686445,1.595115,9.839254,80.670174,86.085541

17.4918880,0.653241,9.700802,1.554437,9.846246,80.916656,86.147583

17.4944019,0.693919,9.696016,1.534996,9.841264,81.026627,85.906471

17.4969196,0.658026,9.688838,1.575973,9.838204,80.782127,86.114670

17.4994354,0.636491,9.643374,1.530210,9.784750,81.002739,86.223785

17.5019493,0.710668,9.648160,1.559223,9.799144,80.844276,85.787292

17.5044651,0.693919,9.638589,1.604687,9.795863,80.571732,85.882164

17.5069790,0.684347,9.645767,1.585544,9.799138,80.688354,85.941780

17.5094967,0.696311,9.638589,1.568794,9.790217,80.779114,85.868011

17.5120106,0.698704,9.629018,1.537389,9.775978,80.951996,85.849754

17.5145264,0.708275,9.676874,1.527817,9.822310,81.051559,85.813835

17.5170403,0.722632,9.650553,1.544567,9.800054,80.931915,85.717690

17.5195580,0.720240,9.640982,1.532603,9.788572,80.992104,85.727592

17.5220737,0.713061,9.660124,1.525424,9.805782,81.050507,85.778374

17.5245876,0.744168,9.676874,1.537389,9.826456,80.998863,85.602516

17.5271034,0.744168,9.652946,1.539781,9.803268,80.963234,85.591652

17.5296249,0.727418,9.676874,1.566401,9.829783,80.830681,85.701118

17.5321388,0.760918,9.727123,1.525424,9.875365,81.114075,85.527069

17.5346565,0.796810,9.705587,1.491925,9.851861,81.289856,85.306656

17.5371704,0.794417,9.698409,1.489532,9.844234,81.297142,85.317238

17.5396862,0.806381,9.719945,1.484746,9.865702,81.344337,85.257515

17.5422020,0.787239,9.760623,1.482354,9.903882,81.391968,85.388817

17.5447178,0.803988,9.751051,1.503889,9.899044,81.261635,85.286537

17.5472336,0.784846,9.782457,1.501496,9.928089,81.301369,85.412987

17.5497437,0.758525,9.789636,1.491925,9.931675,81.360390,85.569435

17.5522594,0.748953,9.734302,1.499103,9.877493,81.270508,85.600349

17.5547733,0.753739,9.755837,1.513460,9.901265,81.207573,85.582085

17.5572910,0.775275,9.770494,1.515853,9.917732,81.208298,85.463165

17.5598049,0.780060,9.729516,1.518246,9.878110,81.158707,85.416138

17.5623207,0.756132,9.734302,1.556830,9.886966,80.940338,85.558350

17.5648346,0.768096,9.688838,1.554437,9.842755,80.913406,85.467278

17.5673504,0.777667,9.688838,1.559223,9.844263,80.886597,85.411034

17.5698700,0.775275,9.696016,1.568794,9.852659,80.838058,85.428467

17.5723839,0.806381,9.643374,1.585544,9.806063,80.694984,85.220032

17.5749016,0.780060,9.643374,1.575973,9.802390,80.748154,85.375366

17.5774155,0.758525,9.645767,1.592723,9.805761,80.652191,85.503624

17.5799313,0.756132,9.619446,1.585544,9.778519,80.668541,85.505531

17.5824451,0.746561,9.605089,1.552045,9.758275,80.848297,85.555588

17.5849628,0.722632,9.583553,1.527817,9.731440,80.967300,85.687866

17.5874786,0.727418,9.569197,1.508675,9.714667,81.065880,85.652931

17.5899906,0.770489,9.585947,1.578366,9.745525,80.679436,85.404617

17.5925083,0.751346,9.600304,1.592723,9.760488,80.608437,85.524994

17.5950222,0.772882,9.578768,1.616651,9.744932,80.450676,85.386971

17.5975380,0.775275,9.612267,1.599901,9.775296,80.580147,85.388809

17.6000519,0.815953,9.664909,1.515853,9.817030,81.117386,85.174294

17.6025696,0.823131,9.655338,1.549353,9.813439,80.916092,85.127235

17.6050854,0.794417,9.657731,1.566401,9.816133,80.817818,85.297600

17.6075993,0.820738,9.648160,1.518246,9.801310,81.088867,85.137733

17.6101131,0.813560,9.679267,1.491925,9.827305,81.267921,85.195480

17.6126270,0.837488,9.681660,1.489532,9.831308,81.285614,85.056076

17.6151428,0.844666,9.724730,1.527817,9.880186,81.104401,85.035889

17.6176586,0.878465,9.700802,1.477568,9.851927,81.374374,84.825638

17.6201744,0.861416,9.703195,1.515853,9.858592,81.155136,84.926781

17.6226902,0.871287,9.710373,1.549353,9.871726,80.970177,84.872726

17.6252041,0.859023,9.679267,1.530210,9.837056,81.050972,84.928352

17.6277199,0.880858,9.686445,1.534996,9.846793,81.031708,84.803978

17.6302299,0.847059,9.669696,1.532603,9.826973,81.027596,84.993706

17.6327457,0.842274,9.648160,1.552045,9.808428,80.895485,85.010788

17.6352596,0.825524,9.669696,1.552045,9.828192,80.913956,85.120361

17.6377754,0.820738,9.624231,1.566401,9.785349,80.788681,85.125702

17.6402893,0.782453,9.631411,1.561616,9.788511,80.820061,85.355507

17.6428070,0.784846,9.636196,1.597508,9.799198,80.617516,85.343666

17.6453209,0.760918,9.676874,1.585544,9.835387,80.722977,85.503937

17.6478367,0.770489,9.629018,1.597508,9.790999,80.609589,85.425087

17.6503544,0.794417,9.640982,1.592723,9.803897,80.650398,85.289467

17.6528683,0.780060,9.631411,1.590330,9.792942,80.654030,85.369652

17.6553841,0.736989,9.648160,1.640579,9.814359,80.377197,85.631859

17.6578979,0.753739,9.662517,1.657329,9.832553,80.296173,85.539589

17.6604156,0.744168,9.655338,1.628615,9.819966,80.453537,85.592743

17.6629295,0.751346,9.669696,1.659722,9.839828,80.289276,85.556984

17.6654453,0.756132,9.676874,1.654936,9.846443,80.324112,85.532097

17.6679611,0.777667,9.648160,1.645365,9.818298,80.352768,85.391769

17.6704731,0.746561,9.657731,1.645365,9.825291,80.359703,85.579720

17.6729889,0.715454,9.674481,1.645365,9.839445,80.373703,85.770523

17.6755028,0.741775,9.660124,1.626222,9.824094,80.471741,85.609024

17.6780186,0.770489,9.614660,1.666900,9.788457,80.195175,85.418289

17.6805325,0.746561,9.633803,1.647758,9.802175,80.322563,85.568787

17.6830502,0.746561,9.588340,1.619044,9.752687,80.444092,85.547859

17.6855640,0.760918,9.585947,1.631008,9.753439,80.373550,85.461464

17.6880798,0.758525,9.578768,1.628615,9.745796,80.380203,85.472305

17.6905956,0.768096,9.576375,1.633401,9.744995,80.350861,85.414268

17.6931095,0.784846,9.602696,1.642972,9.773797,80.322655,85.327499

17.6956253,0.744168,9.614660,1.611865,9.777197,80.510918,85.574173

17.6981411,0.775275,9.595518,1.616651,9.761587,80.467125,85.380791

17.7006569,0.789631,9.612267,1.664507,9.787226,80.208145,85.303795

17.7031708,0.777667,9.614660,1.652543,9.786591,80.278580,85.375786

17.7056866,0.815953,9.648160,1.619044,9.817030,80.507301,85.165955

17.7082024,0.777667,9.681660,1.671686,9.855650,80.234451,85.407646

17.7107162,0.787239,9.662517,1.698007,9.842113,80.065361,85.342201

17.7132320,0.806381,9.700802,1.657329,9.874338,80.337631,85.248199

17.7157459,0.827917,9.724730,1.652543,9.898825,80.389854,85.133850

17.7182617,0.808774,9.717552,1.633401,9.887009,80.490753,85.242340

17.7207756,0.813560,9.777672,1.659722,9.950850,80.398651,85.243614

17.7232933,0.806381,9.755837,1.666900,9.930014,80.336304,85.274887

17.7258072,0.801596,9.746265,1.688435,9.923863,80.204102,85.298210

17.7283230,0.818345,9.746265,1.676471,9.923202,80.273537,85.200417

17.7308369,0.859023,9.710373,1.676471,9.891401,80.241966,84.944519

17.7333508,0.849452,9.712767,1.657329,9.889699,80.352776,85.001785

17.7358685,0.835095,9.688838,1.623829,9.859401,80.520279,85.073769

17.7383823,0.861416,9.657731,1.681257,9.840754,80.162964,84.903023

17.7408981,0.900000,9.633803,1.659722,9.817069,80.266548,84.662857

17.7434120,0.880858,9.612267,1.676471,9.797048,80.147049,84.764099

17.7459278,0.911965,9.614660,1.669293,9.801016,80.193672,84.581619

17.7484417,0.931107,9.583553,1.669293,9.772307,80.164574,84.450745

17.7509575,0.928714,9.571589,1.659722,9.758715,80.207771,84.458038

17.7534733,0.919143,9.566804,1.659722,9.753115,80.202095,84.512077

17.7559872,0.974178,9.578768,1.638186,9.766548,80.343880,84.192886

17.7585030,0.976571,9.554840,1.683650,9.751068,80.057304,84.164238

17.7610168,0.993321,9.547662,1.662114,9.742030,80.176552,84.060425

17.7635326,0.988535,9.552447,1.597508,9.735424,80.555489,84.091782

17.7660465,0.986142,9.552447,1.575973,9.731670,80.680328,84.105980

17.7685623,1.031606,9.545269,1.566401,9.727795,80.733704,83.831696

17.7710819,1.041177,9.593125,1.564009,9.775389,80.793419,83.805725

17.7735958,1.019642,9.581161,1.544567,9.758278,80.892769,83.925362

17.7761135,1.086641,9.566804,1.532603,9.749533,80.955727,83.519859

17.7786274,1.079462,9.564411,1.484746,9.738976,81.230827,83.560715

17.7811432,1.091426,9.597911,1.523032,9.779097,81.040077,83.512482

17.7836571,1.079462,9.564411,1.491925,9.740073,81.189095,83.560715

17.7861729,1.074677,9.600304,1.489532,9.774429,81.234505,83.612793

17.7886887,1.050748,9.664909,1.482354,9.834222,81.330521,83.795296

17.7912025,1.062712,9.662517,1.422533,9.824316,81.674469,83.723663

17.7937183,1.079462,9.655338,1.444068,9.822227,81.545700,83.620850

17.7962322,1.081855,9.621839,1.434497,9.788155,81.572701,83.584755

17.7987480,1.091426,9.676874,1.441676,9.844365,81.578934,83.564972

17.8012619,1.120140,9.669696,1.448854,9.841591,81.534294,83.392296

17.8037777,1.103390,9.621839,1.429712,9.789858,81.602486,83.458145

17.8062916,1.127319,9.676874,1.434497,9.847361,81.623734,83.355217

17.8088074,1.146760,9.674481,1.429712,9.846559,81.651192,83.240013

17.8113079,1.124926,9.667302,1.429712,9.836985,81.643005,83.362686

17.8138237,1.122533,9.664909,1.424926,9.833665,81.668350,83.375053

17.8163376,1.141975,9.679267,1.417747,9.848976,81.723595,83.271263

17.8188534,1.139582,9.722338,1.410569,9.890005,81.800186,83.314713

17.8213673,1.168296,9.669696,1.408176,9.841286,81.773384,83.110901

17.8238811,1.112962,9.640982,1.475175,9.816483,81.357117,83.414886

17.8263950,1.108176,9.681660,1.475175,9.855898,81.391945,83.470261

17.8289108,1.105783,9.650553,1.484746,9.826515,81.309555,83.463425

17.8314457,1.103390,9.626625,1.527817,9.809363,81.039650,83.461372

17.8339615,1.043570,9.686445,1.518246,9.860087,81.142418,83.850952

17.8364754,1.043570,9.667302,1.482354,9.835809,81.331932,83.838867

17.8389912,1.022034,9.657731,1.477568,9.823418,81.349152,83.959129

17.8415070,0.990928,9.660124,1.506282,9.826943,81.182899,84.143127

17.8440228,0.988535,9.629018,1.489532,9.793564,81.251762,84.138435

17.8465385,0.950250,9.643374,1.472782,9.801364,81.357834,84.372292

17.8490524,0.914357,9.602696,1.518246,9.764881,81.055351,84.560760

17.8515682,0.916750,9.581161,1.520639,9.744302,81.022064,84.534431

17.8540821,0.885643,9.597911,1.537389,9.760524,80.937553,84.727982

17.8565979,0.859023,9.547662,1.561616,9.712590,80.747673,84.858818

17.8591118,0.878465,9.576375,1.546960,9.740212,80.861473,84.758781

17.8616295,0.830309,9.597911,1.539781,9.756036,80.919121,85.055687

17.8641453,0.823131,9.585947,1.559223,9.746748,80.794632,85.092133

17.8666592,0.859023,9.535697,1.561616,9.700830,80.736359,84.852402

17.8691750,0.835095,9.585947,1.633401,9.759906,80.365746,85.021156

17.8716869,0.782453,9.600304,1.599901,9.764106,80.569252,85.340523

17.8742027,0.815953,9.595518,1.597508,9.761751,80.581192,85.139557

17.8767166,0.789631,9.597911,1.604687,9.763116,80.539818,85.296799

17.8792324,0.717847,9.640982,1.599901,9.799159,80.603294,85.741737

17.8817463,0.736989,9.633803,1.607080,9.794693,80.556404,85.625374

17.8842621,0.734597,9.640982,1.640579,9.807123,80.370033,85.642754

17.8867798,0.698704,9.679267,1.645365,9.842948,80.377159,85.871231

17.8892937,0.696311,9.681660,1.640579,9.844333,80.406776,85.886330

17.8918095,0.677169,9.693624,1.683650,9.862027,80.170288,86.003975

17.8943233,0.689133,9.667302,1.666900,9.834134,80.241165,85.922569

17.8968391,0.669990,9.700802,1.666900,9.865749,80.272743,86.049118

17.8993530,0.705883,9.698409,1.669293,9.866303,80.259193,85.837158

17.9018707,0.691526,9.705587,1.647758,9.868725,80.388443,85.924545

17.9043846,0.669990,9.734302,1.671686,9.899498,80.278122,86.062668

17.9069004,0.669990,9.717552,1.669293,9.882624,80.275436,86.055901

17.9094162,0.672383,9.686445,1.664507,9.851392,80.272545,86.029190

17.9119301,0.634098,9.698409,1.698007,9.866328,80.089989,86.259232

17.9144459,0.655633,9.698409,1.705185,9.868974,80.050362,86.132568

17.9169598,0.638884,9.681660,1.700400,9.850587,80.059868,86.224579

17.9194756,0.638884,9.664909,1.695614,9.833299,80.070518,86.218056

17.9219894,0.578764,9.660124,1.688435,9.823633,80.103157,86.571358

17.9245071,0.583550,9.679267,1.700400,9.844801,80.053963,86.549896

17.9270229,0.542872,9.650553,1.676471,9.810119,80.160309,86.780342

17.9295368,0.562014,9.640982,1.650150,9.797315,80.303520,86.663757

17.9320564,0.538086,9.650553,1.654936,9.806198,80.284019,86.808662

17.9345703,0.564407,9.650553,1.650150,9.806871,80.313057,86.652901

17.9370880,0.576371,9.676874,1.647758,9.833067,80.353256,86.591393

17.9396038,0.562014,9.662517,1.671686,9.822149,80.200813,86.671181

17.9421177,0.571586,9.660124,1.671686,9.820348,80.198997,86.613777

17.9446335,0.571586,9.681660,1.664507,9.840317,80.261490,86.621292

17.9471474,0.583550,9.676874,1.688435,9.840388,80.120178,86.549042

17.9496651,0.578764,9.698409,1.690828,9.861694,80.127625,86.584854

17.9521732,0.578764,9.698409,1.698007,9.862927,80.086540,86.584854

17.9546909,0.583550,9.693624,1.736292,9.865170,79.863014,86.554993

17.9572048,0.550050,9.717552,1.702792,9.880936,80.076622,86.760300

17.9597206,0.573978,9.722338,1.666900,9.880883,80.287788,86.621346

17.9622345,0.583550,9.700802,1.681257,9.862693,80.185066,86.557533

17.9647503,0.597907,9.703195,1.669293,9.863874,80.256775,86.473915

17.9672661,0.602991,9.705587,1.662114,9.865326,80.300522,86.444885

17.9697800,0.583550,9.672089,1.674079,9.833228,80.197815,86.547340

17.9722977,0.597907,9.684052,1.631008,9.838625,80.457687,86.466965

17.9748116,0.622134,9.672089,1.666900,9.834373,80.241409,86.319656

17.9773273,0.669990,9.624231,1.662114,9.789655,80.224815,86.017784

17.9798412,0.662812,9.667302,1.626222,9.825510,80.473122,86.077812

17.9823570,0.638884,9.660124,1.616651,9.815280,80.519753,86.216187

17.9848728,0.674776,9.674481,1.654936,9.838177,80.315903,86.010193

17.9873886,0.698704,9.669696,1.607080,9.827203,80.587929,85.867157

17.9899044,0.727418,9.633803,1.642972,9.799932,80.348709,85.681969

17.9924183,0.715454,9.662517,1.631008,9.825288,80.444611,85.765305

17.9949341,0.715454,9.715159,1.631008,9.877064,80.495163,85.788170

17.9974480,0.758525,9.684052,1.611865,9.846539,80.578354,85.521324

17.9999638,0.765703,9.696016,1.595115,9.856137,80.686295,85.484673

18.0024815,0.760918,9.719945,1.597508,9.879694,80.694641,85.523781

18.0049953,0.787239,9.753445,1.597508,9.914709,80.727798,85.385437

18.0075111,0.768096,9.751051,1.578366,9.907785,80.833405,85.496078

18.0100250,0.772882,9.775279,1.604687,9.936219,80.706100,85.479317

18.0125408,0.775275,9.777672,1.599901,9.937988,80.735725,85.466484

18.0150547,0.780060,9.758230,1.604687,9.920009,80.690781,85.429565

18.0175705,0.751346,9.729516,1.614258,9.891099,80.607140,85.584190

18.0200844,0.760918,9.719945,1.614258,9.882417,80.598808,85.523781

18.0226002,0.765703,9.731909,1.585544,9.889909,80.774567,85.501259

18.0251179,0.758525,9.712767,1.609472,9.874392,80.619247,85.534515

18.0276318,0.775275,9.707980,1.561616,9.863295,80.890259,85.434074

18.0301476,0.823131,9.676874,1.556830,9.835810,80.892815,85.138031

18.0326633,0.803988,9.648160,1.614258,9.815254,80.533890,85.236504

18.0351791,0.772882,9.648160,1.575973,9.806530,80.752098,85.420006

18.0376930,0.789631,9.657731,1.580758,9.818048,80.734741,85.325806

18.0402088,0.801596,9.626625,1.616651,9.794286,80.499245,85.240044

18.0427265,0.856631,9.621839,1.631008,9.796621,80.416382,84.912384

18.0452404,0.844666,9.614660,1.623829,9.787337,80.449829,84.979347

18.0477562,0.832702,9.590733,1.607080,9.760034,80.522560,85.037819

18.0502701,0.820738,9.607482,1.607080,9.775481,80.537674,85.117249

18.0527859,0.792024,9.597911,1.621436,9.766077,80.443077,85.282616

18.0552998,0.815953,9.609875,1.595115,9.775473,80.608749,85.146790

18.0578156,0.825524,9.621839,1.611865,9.790780,80.524208,85.096207

18.0603313,0.789631,9.640982,1.614258,9.807032,80.525879,85.317719

18.0628452,0.820738,9.650553,1.650150,9.824957,80.331062,85.138939

18.0653610,0.861416,9.609875,1.631008,9.785291,80.405182,84.877777

18.0678768,0.859023,9.588340,1.633401,9.764333,80.370155,84.880516

18.0703926,0.851845,9.612267,1.631008,9.786803,80.406677,84.935646

18.0729065,0.866202,9.576375,1.583151,9.744928,80.650345,84.831551

18.0754223,0.837488,9.597911,1.580758,9.763200,80.682228,85.013153

18.0779400,0.818345,9.626625,1.616651,9.795671,80.500603,85.141052

18.0804539,0.827917,9.595518,1.583151,9.760419,80.665314,85.068642

18.0829697,0.830309,9.600304,1.619044,9.771210,80.462372,85.056915

18.0854836,0.871287,9.585947,1.607080,9.758699,80.521255,84.806541

18.0879993,0.832702,9.590733,1.604687,9.759640,80.536415,85.037819

18.0905132,0.876072,9.605089,1.619044,9.779904,80.470932,84.788521

18.0930309,0.902393,9.593125,1.626222,9.771744,80.420212,84.626190

18.0955467,0.892822,9.600304,1.602294,9.773961,80.564629,84.686813

18.0980606,0.895215,9.617053,1.609472,9.791809,80.539406,84.681877

18.1005764,0.947857,9.597911,1.604687,9.777184,80.553551,84.359955

18.1030903,0.933500,9.600304,1.609472,9.778939,80.526840,84.446220

18.1056061,0.969392,9.614660,1.609472,9.796520,80.543999,84.242645

18.1081200,0.959821,9.588340,1.583151,9.765444,80.670166,84.283569

18.1106377,0.990928,9.619446,1.597508,9.801414,80.619652,84.118538

18.1131554,1.005285,9.636196,1.573580,9.815449,80.774727,84.044228

18.1156693,0.998106,9.650553,1.602294,9.833449,80.622231,84.095192

18.1181850,0.969392,9.636196,1.583151,9.813377,80.716141,84.255424

18.1206989,0.933500,9.645767,1.549353,9.813906,80.916527,84.472229

18.1232147,0.950250,9.652946,1.607080,9.831838,80.592407,84.377838

18.1257305,0.952643,9.609875,1.604687,9.789394,80.565445,84.338669

18.1282463,0.959821,9.614660,1.578366,9.790515,80.722649,84.299110

18.1307621,0.945464,9.602696,1.554437,9.773534,80.848495,84.376884

18.1332798,0.911965,9.617053,1.578366,9.788290,80.720520,84.582962

18.1357956,0.859023,9.624231,1.616651,9.796802,80.501709,84.899506

18.1383114,0.856631,9.602696,1.616651,9.775436,80.480751,84.902290

18.1408272,0.863809,9.624231,1.604687,9.795255,80.571144,84.871239

18.1433430,0.849452,9.605089,1.611865,9.776370,80.510109,84.946045

18.1458569,0.873679,9.614660,1.556830,9.778994,80.839447,84.807823

18.1483746,0.890429,9.600304,1.573580,9.769076,80.730545,84.700974

18.1508884,0.861416,9.617053,1.549353,9.779071,80.883896,84.881577

18.1534023,0.839881,9.593125,1.583151,9.759089,80.664032,84.996498

18.1559162,0.873679,9.643374,1.578366,9.810669,80.741875,84.823196

18.1584339,0.880858,9.638589,1.564009,9.804307,80.820808,84.778320

18.1609478,0.868595,9.621839,1.590330,9.790985,80.652145,84.841705

18.1634636,0.859023,9.633803,1.592723,9.802288,80.648849,84.904549

18.1659794,0.883251,9.631411,1.623829,9.807192,80.469337,84.760330

18.1684933,0.897608,9.669696,1.626222,9.846488,80.493614,84.696609

18.1710110,0.863809,9.650553,1.623829,9.824264,80.486053,84.885155

18.1735229,0.847059,9.612267,1.654936,9.790403,80.268196,84.963951

18.1760387,0.847059,9.640982,1.662114,9.819810,80.255127,84.978874

18.1785526,0.835095,9.629018,1.642972,9.803812,80.352562,85.043312

18.1810703,0.825524,9.576375,1.686043,9.758647,80.050842,85.073044

18.1835861,0.796810,9.617053,1.683650,9.795779,80.103142,85.263641

18.1861000,0.784846,9.585947,1.676471,9.763039,80.112389,85.319366

18.1886158,0.739382,9.571589,1.681257,9.746211,80.066582,85.582809

18.1911297,0.763310,9.593125,1.688435,9.770441,80.048729,85.450645

18.1936455,0.727418,9.640982,1.676471,9.812655,80.162880,85.685173

18.1961594,0.729811,9.650553,1.698007,9.825936,80.048843,85.675308

18.1986752,0.715454,9.638589,1.688435,9.811477,80.090767,85.754829

18.2011890,0.729811,9.688838,1.719542,9.867270,79.963982,85.692337

18.2037048,0.722632,9.655338,1.712364,9.832596,79.970703,85.719803

18.2062206,0.725025,9.686445,1.688435,9.859194,80.139206,85.719421

18.2087345,0.672383,9.717552,1.714756,9.890567,80.016014,86.041862

18.2112522,0.698704,9.724730,1.719542,9.900272,79.997780,85.890465

18.2137680,0.720240,9.712767,1.683650,9.883889,80.192245,85.759056

18.2162838,0.703490,9.724730,1.654936,9.889595,80.366737,85.862411

18.2188015,0.679562,9.741480,1.640579,9.902007,80.463173,86.009537

18.2213154,0.689133,9.748658,1.614258,9.905406,80.620827,85.956490

18.2238312,0.698704,9.698409,1.611865,9.856238,80.587708,85.879349

18.2263451,0.686740,9.703195,1.609472,9.859715,80.605156,85.951660

18.2288609,0.648455,9.765409,1.585544,9.914516,80.797661,86.200951

18.2313747,0.648455,9.763016,1.585544,9.912160,80.795456,86.200020

18.2338886,0.641276,9.763016,1.587937,9.912076,80.781364,86.241966

18.2364025,0.646062,9.736694,1.566401,9.883027,80.880501,86.203796

18.2389183,0.626920,9.712767,1.587937,9.861664,80.733826,86.306915

18.2414322,0.631705,9.734302,1.573580,9.880882,80.836342,86.287010

18.2439480,0.631705,9.746265,1.561616,9.890773,80.915779,86.291557

18.2464638,0.634098,9.698409,1.628615,9.854624,80.487427,86.259232

18.2489777,0.629312,9.727123,1.619044,9.881005,80.569328,86.298317

18.2514954,0.626920,9.686445,1.583151,9.834970,80.736702,86.296906

18.2540035,0.646062,9.674481,1.595115,9.826362,80.657822,86.179459

18.2565193,0.629312,9.662517,1.607080,9.815445,80.576553,86.273636

18.2590332,0.614955,9.662517,1.628615,9.818085,80.451691,86.358414

18.2615490,0.653241,9.633803,1.623829,9.791512,80.453934,86.120872

18.2640629,0.629312,9.626625,1.587937,9.776988,80.652855,86.259781

18.2665787,0.660419,9.578768,1.607080,9.735073,80.498039,86.055916

18.2690926,0.643669,9.595518,1.585544,9.746908,80.638008,86.162338

18.2716084,0.655633,9.597911,1.590330,9.750841,80.613312,86.092194

18.2741261,0.681954,9.573982,1.599901,9.730667,80.536545,85.925705

18.2766399,0.665205,9.552447,1.534996,9.697833,80.892792,86.016518

18.2791557,0.677169,9.624231,1.542174,9.770501,80.918465,85.975258

18.2816696,0.677169,9.602696,1.580758,9.755466,80.674782,85.966263

18.2841854,0.693919,9.593125,1.564009,9.744521,80.764000,85.862717

18.2866993,0.684347,9.605089,1.556830,9.754476,80.816223,85.924652

18.2892151,0.732204,9.640982,1.568794,9.795191,80.783836,85.656891

18.2917290,0.693919,9.607482,1.564009,9.758656,80.777496,85.868874

18.2942486,0.698704,9.600304,1.619044,9.760908,80.452209,85.837387

18.2967644,0.698704,9.624231,1.564009,9.775487,80.793518,85.847702

18.2992802,0.715454,9.614660,1.623829,9.777033,80.439667,85.744301

18.3017960,0.715454,9.621839,1.564009,9.774343,80.792427,85.747467

18.3043098,0.701097,9.643374,1.556830,9.793362,80.853004,85.841774

18.3068256,0.677169,9.669696,1.575973,9.820655,80.765511,85.994118

18.3093414,0.720240,9.657731,1.564009,9.810027,80.826210,85.734978

18.3118553,0.679562,9.640982,1.561616,9.790249,80.821701,85.968071

18.3143692,0.653241,9.669696,1.585544,9.820575,80.708855,86.135231

18.3168831,0.691526,9.669696,1.583151,9.822810,80.725136,85.909470

18.3193989,0.698704,9.707980,1.623829,9.867619,80.528244,85.883400

18.3219128,0.734597,9.717552,1.616651,9.878463,80.580940,85.676956

18.3244286,0.729811,9.696016,1.590330,9.852640,80.711166,85.695511

18.3269424,0.725025,9.676874,1.614258,9.837346,80.555344,85.715202

18.3294582,0.722632,9.719945,1.609472,9.878761,80.623436,85.748146

18.3319740,0.763310,9.710373,1.607080,9.872015,80.631042,85.505348

18.3344879,0.751346,9.727123,1.631008,9.891493,80.509155,85.583107

18.3370037,0.756132,9.710373,1.621436,9.873811,80.548317,85.547447

18.3395176,0.784846,9.707980,1.595115,9.869411,80.698936,85.377953

18.3420334,0.792024,9.736694,1.597508,9.898614,80.712585,85.349556

18.3445492,0.820738,9.719945,1.597508,9.884481,80.699188,85.173477

18.3470650,0.811167,9.700802,1.607080,9.866421,80.625679,85.220131

18.3495789,0.815953,9.698409,1.595115,9.862520,80.692383,85.190880

18.3520947,0.811167,9.681660,1.580758,9.843339,80.758759,85.210724

18.3546104,0.856631,9.679267,1.573580,9.843687,80.801414,84.942413

18.3571262,0.844666,9.693624,1.575973,9.857154,80.800003,85.020035

18.3596420,0.880858,9.667302,1.583151,9.835599,80.737297,84.793747

18.3621559,0.921536,9.652946,1.599901,9.827933,80.631058,84.546684

18.3646717,0.938286,9.655338,1.564009,9.826091,80.841339,84.449547

18.3671856,0.890429,9.631411,1.566401,9.798497,80.801147,84.717987

18.3697014,0.928714,9.624231,1.564009,9.794614,80.811646,84.488167

18.3722172,0.919143,9.626625,1.556830,9.794920,80.854469,84.545975

18.3747311,0.890429,9.624231,1.518246,9.783853,81.072838,84.714073

18.3772488,0.866202,9.650553,1.554437,9.813244,80.885849,84.871063

18.3797626,0.883251,9.655338,1.537389,9.816784,80.989922,84.773247

18.3822784,0.921536,9.681660,1.602294,9.856526,80.644379,84.562759

18.3847923,0.904786,9.684052,1.607080,9.858104,80.617699,84.662323

18.3873081,0.919143,9.650553,1.561616,9.819198,80.848991,84.559418

18.3898239,0.931107,9.672089,1.607080,9.848805,80.608765,84.501228

18.3923378,0.873679,9.669696,1.595115,9.839245,80.670166,84.837212

18.3948689,0.844666,9.657731,1.556830,9.818806,80.876907,85.001625

18.3973846,0.842274,9.669696,1.602294,9.837672,80.626289,85.021851

18.3999004,0.878465,9.676874,1.578366,9.844026,80.773521,84.812920

18.4024162,0.851845,9.667302,1.580758,9.832658,80.748634,84.964325

18.4049301,0.847059,9.672089,1.611865,9.841997,80.573967,84.994942

18.4074478,0.842274,9.669696,1.587937,9.835344,80.708809,85.021851

18.4099636,0.854238,9.636196,1.619044,9.808532,80.499001,84.934036

18.4124775,0.868595,9.633803,1.590330,9.802743,80.663460,84.848076

18.4149780,0.815953,9.662517,1.609472,9.829568,80.576080,85.173103

18.4174938,0.854238,9.679267,1.597508,9.847333,80.663788,84.956467

18.4200077,0.847059,9.621839,1.575973,9.786776,80.733261,84.968933

18.4225235,0.844666,9.624231,1.602294,9.793194,80.583328,84.984314

18.4250374,0.835095,9.640982,1.611865,9.810403,80.543335,85.049438

18.4275532,0.815953,9.617053,1.573580,9.779040,80.740074,85.150391

18.4300690,0.818345,9.614660,1.607080,9.782335,80.544365,85.135033

18.4325829,0.808774,9.629018,1.599901,9.794477,80.598763,85.198799

18.4350986,0.796810,9.645767,1.592723,9.808797,80.655113,85.277679

18.4376125,0.806381,9.643374,1.597508,9.808004,80.626015,85.220032

18.4401283,0.770489,9.648160,1.571187,9.805573,80.779518,85.434128

18.4426422,0.768096,9.703195,1.552045,9.856511,80.940277,85.473953

18.4451580,0.744168,9.650553,1.571187,9.805896,80.779823,85.590569

18.4476719,0.744168,9.621839,1.592723,9.781121,80.628433,85.577461

18.4501877,0.729811,9.667302,1.573580,9.821686,80.780632,85.682777

18.4527035,0.784846,9.669696,1.568794,9.827518,80.814415,85.359734

18.4552193,0.775275,9.674481,1.595115,9.835702,80.666779,85.418335

18.4577351,0.744168,9.667302,1.571187,9.822380,80.795433,85.598175

18.4602489,0.780060,9.655338,1.573580,9.813776,80.773140,85.381073

18.4627647,0.746561,9.633803,1.599901,9.794243,80.598534,85.568787

18.4652786,0.763310,9.648160,1.609472,9.811220,80.558296,85.476486

18.4677944,0.758525,9.629018,1.599901,9.790457,80.594864,85.495834

18.4703102,0.765703,9.657731,1.602294,9.819644,80.608925,85.466843

18.4728241,0.801596,9.650553,1.619044,9.818199,80.508438,85.251793

18.4753399,0.758525,9.624231,1.595115,9.784967,80.617950,85.493599

18.4778557,0.770489,9.617053,1.559223,9.773051,80.819626,85.419418

18.4803715,0.796810,9.600304,1.544567,9.756353,80.890953,85.255417

18.4828854,0.839881,9.633803,1.554437,9.794480,80.868233,85.017517

18.4854012,0.813560,9.650553,1.566401,9.810640,80.812630,85.181252

18.4879169,0.796810,9.674481,1.530210,9.827107,81.041840,85.291634

18.4904308,0.780060,9.686445,1.518246,9.835690,81.120270,85.395844

18.4929466,0.780060,9.667302,1.542174,9.820567,80.965157,85.386765

18.4954662,0.780060,9.650553,1.544567,9.804456,80.936020,85.378792

18.4979839,0.772882,9.707980,1.568794,9.864245,80.848907,85.448112

18.5004997,0.744168,9.700802,1.573580,9.855734,80.812759,85.613319

18.5030136,0.746561,9.707980,1.539781,9.857645,81.013504,85.602509

18.5055294,0.753739,9.727123,1.532603,9.875926,81.072433,85.569099

18.5080433,0.746561,9.741480,1.559223,9.893682,80.932503,85.617569

18.5105591,0.722632,9.724730,1.542174,9.872734,81.013290,85.750237

18.5130749,0.710668,9.731909,1.556830,9.881236,80.935036,85.823418

18.5155869,0.732204,9.739087,1.590330,9.895205,80.751472,85.700478

18.5181026,0.751346,9.705587,1.609472,9.866780,80.611946,85.573349

18.5206184,0.710668,9.715159,1.595115,9.870854,80.700310,85.816238

18.5231342,0.713061,9.739087,1.537389,9.885435,81.053009,85.812477

18.5256481,0.717847,9.729516,1.530210,9.875238,81.085854,85.780342

18.5281639,0.684347,9.636196,1.568794,9.787018,80.776070,85.937767

18.5306778,0.669990,9.662517,1.597508,9.816575,80.634270,86.033508

18.5331936,0.696311,9.696016,1.614258,9.854106,80.571556,85.892403

18.5357094,0.674776,9.664909,1.631008,9.824764,80.444099,86.006256

18.5382271,0.648455,9.672089,1.640579,9.831648,80.394279,86.164406

18.5407429,0.643669,9.696016,1.621436,9.851706,80.526909,86.201996

18.5432568,0.646062,9.676874,1.614258,9.831841,80.550003,86.180397

18.5457726,0.641276,9.652946,1.571187,9.800981,80.775154,86.199242

18.5482864,0.636491,9.655338,1.571187,9.803025,80.777100,86.228455

18.5508022,0.643669,9.645767,1.573580,9.794452,80.754776,86.182266

18.5533180,0.624527,9.655338,1.597508,9.806509,80.624573,86.299149

18.5558319,0.631705,9.652946,1.614258,9.807356,80.526199,86.255806

18.5583458,0.648455,9.657731,1.619044,9.813948,80.504288,86.158722

18.5608616,0.641276,9.633803,1.616651,9.789534,80.494591,86.191711

18.5633793,0.629312,9.619446,1.587937,9.769919,80.646034,86.256996

18.5658932,0.677169,9.650553,1.602294,9.806073,80.595810,85.986198

18.5684090,0.665205,9.691231,1.590330,9.843353,80.702324,86.073387

18.5709229,0.643669,9.686445,1.590330,9.837209,80.696465,86.198257

18.5734386,0.629312,9.657731,1.580758,9.806457,80.723694,86.271790

18.5759583,0.641276,9.645767,1.602294,9.798949,80.588913,86.196419

18.5784721,0.643669,9.676874,1.597508,9.828949,80.646172,86.194504

18.5809879,0.641276,9.707980,1.599901,9.859807,80.661613,86.220726

18.5835018,0.650848,9.664909,1.619044,9.821170,80.511337,86.147446

18.5860176,0.698704,9.669696,1.590330,9.824478,80.684303,85.867157

18.5885334,0.665205,9.643374,1.628615,9.802528,80.436401,86.053963

18.5910492,0.674776,9.681660,1.619044,9.839266,80.528954,86.013145

18.5935650,0.677169,9.674481,1.626222,9.833552,80.480988,85.996094

18.5960789,0.691526,9.652946,1.614258,9.811391,80.530128,85.902397

18.5985947,0.710668,9.669696,1.621436,9.830419,80.506210,85.796638

18.6011086,0.741775,9.638589,1.604687,9.799370,80.575134,85.599258

18.6036243,0.725025,9.662517,1.611865,9.822830,80.555405,85.708862

18.6061382,0.729811,9.638589,1.604687,9.798471,80.574265,85.669960

18.6086540,0.701097,9.674481,1.592723,9.829745,80.675201,85.855095

18.6111717,0.720240,9.672089,1.616651,9.832681,80.536682,85.741287

18.6136856,0.744168,9.657731,1.609472,9.819162,80.566002,85.593834

18.6161957,0.748953,9.688838,1.602294,9.848952,80.637123,85.579788

18.6187115,0.763310,9.648160,1.611865,9.811612,80.544510,85.476486

18.6212273,0.751346,9.664909,1.595115,9.824429,80.655968,85.554787

18.6237411,0.748953,9.681660,1.585544,9.839177,80.726578,85.576523

18.6262569,0.741775,9.693624,1.599901,9.852728,80.654846,85.624146

18.6287727,0.801596,9.672089,1.585544,9.833911,80.721565,85.262314

18.6312885,0.799203,9.674481,1.561616,9.832241,80.861237,85.277557

18.6338024,0.818345,9.676874,1.571187,9.837693,80.809883,85.166161

18.6363029,0.792024,9.679267,1.556830,9.835610,80.892632,85.322090

18.6388187,0.801596,9.696016,1.552045,9.852113,80.936195,85.273956

18.6413345,0.796810,9.679267,1.556830,9.835997,80.892990,85.293945

18.6438465,0.794417,9.667302,1.542174,9.821717,80.966217,85.302238

18.6463623,0.799203,9.705587,1.592723,9.867823,80.711502,85.292625

18.6488762,0.796810,9.700802,1.546960,9.855636,80.969398,85.304352

18.6513920,0.784846,9.693624,1.575973,9.852208,80.795349,85.371132

18.6539059,0.789631,9.693624,1.566401,9.851065,80.850662,85.343033

18.6564407,0.775275,9.681660,1.578366,9.840062,80.769768,85.421715

18.6589546,0.803988,9.684052,1.607080,9.849364,80.609299,85.254082

18.6614704,0.806381,9.657731,1.568794,9.817492,80.804955,85.227104

18.6639843,0.787239,9.643374,1.539781,9.797211,80.957603,85.333000

18.6665001,0.808774,9.657731,1.578366,9.819222,80.750008,85.213013

18.6690140,0.768096,9.629018,1.552045,9.783497,80.872093,85.439240

18.6715317,0.789631,9.626625,1.561616,9.784379,80.816147,85.310768

18.6740456,0.782453,9.652946,1.599901,9.815868,80.619438,85.365822

18.6765633,0.748953,9.640982,1.546960,9.792984,80.911140,85.557938

18.6790791,0.741775,9.624231,1.554437,9.777133,80.851898,85.592712

18.6815929,0.734597,9.595518,1.573580,9.751397,80.713593,85.622192

18.6841087,0.736989,9.629018,1.573580,9.784543,80.745331,85.623207

18.6866226,0.741775,9.631411,1.597508,9.791136,80.609718,85.595985

18.6891403,0.748953,9.612267,1.628615,9.777986,80.412170,85.544716

18.6916542,0.734597,9.631411,1.628615,9.795718,80.429688,85.638443

18.6941700,0.780060,9.624231,1.604687,9.788225,80.564308,85.366211

18.6966839,0.768096,9.631411,1.590330,9.791996,80.653122,85.440361

18.6991997,0.775275,9.626625,1.575973,9.785533,80.732079,85.395653

18.7017155,0.775275,9.681660,1.575973,9.839679,80.783524,85.421715

18.7042294,0.815953,9.636196,1.556830,9.795192,80.854729,85.159981

18.7067451,0.818345,9.614660,1.564009,9.775352,80.793388,85.135033

18.7092590,0.799203,9.679267,1.554437,9.835813,80.906937,85.279877

18.7117748,0.854238,9.638589,1.552045,9.800049,80.887634,84.935287

18.7142887,0.839881,9.624231,1.539781,9.782748,80.944122,85.012589

18.7168026,0.849452,9.626625,1.568794,9.790536,80.779419,84.957291

18.7193184,0.835095,9.595518,1.587937,9.761807,80.638191,85.026100

18.7218323,0.813560,9.600304,1.580758,9.763530,80.682549,85.156151

18.7243481,0.813560,9.640982,1.587937,9.804690,80.679504,85.176491

18.7268620,0.796810,9.640982,1.583151,9.802541,80.705788,85.275345

18.7293777,0.796810,9.643374,1.597508,9.807222,80.625259,85.276512

18.7318935,0.823131,9.669696,1.640579,9.842360,80.404839,85.134438

18.7344093,0.777667,9.676874,1.619044,9.842152,80.531754,85.405388

18.7369232,0.746561,9.672089,1.628615,9.836617,80.469849,85.586258

18.7394390,0.739382,9.645767,1.659722,9.815406,80.264877,85.616646

18.7419567,0.780060,9.669696,1.640579,9.838853,80.401382,85.387901

18.7444706,0.748953,9.676874,1.645365,9.844290,80.378487,85.574348

18.7469864,0.713061,9.688838,1.633401,9.851398,80.456062,85.790840

18.7495003,0.669990,9.669696,1.669293,9.835570,80.228462,86.036446

18.7520161,0.701097,9.667302,1.676471,9.836606,80.187065,85.852028

18.7545300,0.705883,9.710373,1.628615,9.871271,80.503616,85.842270

18.7570515,0.713061,9.681660,1.633401,9.844337,80.449150,85.787727

18.7595692,0.756132,9.688838,1.652543,9.857800,80.349480,85.537590

18.7620831,0.763310,9.696016,1.645365,9.864208,80.398094,85.498726

18.7645988,0.756132,9.698409,1.609472,9.860085,80.605507,85.541977

18.7671146,0.760918,9.640982,1.642972,9.809530,80.358246,85.487267

18.7696285,0.794417,9.681660,1.592723,9.843902,80.688728,85.309174

18.7721462,0.815953,9.672089,1.597508,9.837028,80.653923,85.177856

18.7746601,0.811167,9.696016,1.578366,9.857077,80.785843,85.217781

18.7771721,0.818345,9.688838,1.542174,9.844875,80.987648,85.172104

18.7796860,0.777667,9.669696,1.566401,9.826566,80.827652,85.401993

18.7822018,0.753739,9.727123,1.592723,9.885434,80.728195,85.569099

18.7847157,0.753739,9.743873,1.568794,9.898095,80.880470,85.576683

18.7872334,0.787239,9.700802,1.559223,9.856798,80.898285,85.360504

18.7897491,0.748953,9.703195,1.595115,9.861912,80.691803,85.586304

18.7922630,0.736989,9.703195,1.580758,9.858698,80.773285,85.656540

18.7947788,0.693919,9.707980,1.568794,9.858373,80.843414,85.911499

18.7972965,0.713061,9.698409,1.573580,9.851078,80.808380,85.794975

18.7998123,0.741775,9.688838,1.585544,9.845697,80.732773,85.621986

18.8023262,0.746561,9.674481,1.580758,9.831161,80.747208,85.587341

18.8048439,0.756132,9.664909,1.544567,9.816715,80.947433,85.526588

18.8073597,0.770489,9.650553,1.552045,9.804880,80.892166,85.435257

18.8098736,0.746561,9.657731,1.621436,9.821312,80.497322,85.579720

18.8123894,0.758525,9.605089,1.580758,9.763805,80.682816,85.484657

18.8149033,0.784846,9.607482,1.590330,9.769793,80.631691,85.329811

18.8174152,0.770489,9.569197,1.602294,9.732961,80.524521,85.396614

18.8199291,0.777667,9.617053,1.564009,9.774384,80.792465,85.376930

18.8224449,0.825524,9.602696,1.573580,9.765726,80.727341,85.086479

18.8249588,0.823131,9.566804,1.566401,9.729074,80.734932,85.082367

18.8274765,0.818345,9.576375,1.604687,9.744314,80.521393,85.115677

18.8299923,0.811167,9.569197,1.580758,9.732744,80.652809,85.154701

18.8325062,0.842274,9.585947,1.571187,9.750304,80.726791,84.978577

18.8350220,0.832702,9.600304,1.616651,9.771018,80.476410,85.042740

18.8375359,0.851845,9.605089,1.628615,9.779354,80.413521,84.931877

18.8400536,0.813560,9.629018,1.609472,9.796442,80.543922,85.170525

18.8425674,0.799203,9.631411,1.568794,9.791012,80.779869,85.256531

18.8450832,0.825524,9.636196,1.602294,9.803322,80.593147,85.103477

18.8475971,0.813560,9.636196,1.607080,9.803104,80.564583,85.174103

18.8501129,0.847059,9.648160,1.592723,9.815358,80.661415,84.982590

18.8526287,0.847059,9.655338,1.556830,9.816658,80.874901,84.986298

18.8551426,0.801596,9.664909,1.604687,9.829957,80.604729,85.258812

18.8576603,0.806381,9.676874,1.597508,9.840944,80.657669,85.236504

18.8601742,0.803988,9.696016,1.592723,9.858798,80.702927,85.259911

18.8626919,0.837488,9.667302,1.590330,9.832969,80.692413,85.048775

18.8652077,0.803988,9.686445,1.573580,9.846308,80.803886,85.255249

18.8677216,0.832702,9.676874,1.590330,9.841973,80.701004,85.081772

18.8702374,0.839881,9.703195,1.578366,9.866541,80.794754,85.052971

18.8727512,0.796810,9.698409,1.604687,9.862508,80.636017,85.303192

18.8752670,0.847059,9.684052,1.585544,9.849483,80.736366,85.001091

18.8777828,0.859023,9.662517,1.575973,9.827809,80.772293,84.919609

18.8802986,0.825524,9.626625,1.602294,9.793914,80.584030,85.098633

18.8828125,0.830309,9.655338,1.583151,9.819437,80.721916,85.084946

18.8853283,0.842274,9.667302,1.556830,9.828015,80.885536,85.020622

18.8878441,0.837488,9.636196,1.559223,9.797389,80.842621,85.032867

18.8903599,0.851845,9.636196,1.573580,9.800921,80.760933,84.948158

18.8928757,0.873679,9.667302,1.575973,9.833806,80.777969,84.835938

18.8953896,0.859023,9.633803,1.571187,9.798812,80.773094,84.904549

18.8979111,0.832702,9.650553,1.564009,9.811864,80.827942,85.068420

18.9004269,0.856631,9.655338,1.566401,9.819012,80.820534,84.929939

18.9029427,0.878465,9.676874,1.568794,9.842495,80.828514,84.812920

18.9054585,0.885643,9.664909,1.604687,9.837167,80.611679,84.764328

18.9079723,0.885643,9.631411,1.599901,9.803474,80.607468,84.746216

18.9104881,0.895215,9.643374,1.575973,9.812225,80.757507,84.696312

18.9130058,0.849452,9.643374,1.602294,9.812420,80.601952,84.966003

18.9155197,0.892822,9.643374,1.602294,9.816270,80.605667,84.710411

18.9180317,0.868595,9.686445,1.573580,9.851793,80.809052,84.875923

18.9205456,0.888036,9.703195,1.542174,9.865034,81.006218,84.770859

18.9230633,0.890429,9.679267,1.599901,9.850926,80.653122,84.743958

18.9255772,0.861416,9.655338,1.590330,9.823276,80.683151,84.901764

18.9280930,0.849452,9.650553,1.575973,9.815214,80.760353,84.969727

18.9306068,0.825524,9.643374,1.597508,9.809597,80.627548,85.107109

18.9331226,0.847059,9.662517,1.616651,9.833377,80.537361,84.990005

18.9356384,0.878465,9.657731,1.619044,9.831824,80.521713,84.802689

18.9381542,0.832702,9.645767,1.614258,9.815296,80.533928,85.065987

18.9406700,0.827917,9.650553,1.587937,9.815303,80.689667,85.096626

18.9431839,0.806381,9.640982,1.590330,9.804485,80.665138,85.218857

18.9456997,0.813560,9.638589,1.590330,9.802726,80.663445,85.175301

18.9482136,0.808774,9.631411,1.609472,9.798397,80.545822,85.199989

18.9507313,0.832702,9.645767,1.592723,9.811778,80.657974,85.065987

18.9532471,0.830309,9.631411,1.607080,9.799806,80.561378,85.072800

18.9557610,0.799203,9.645767,1.583151,9.807442,80.710472,85.263557

18.9582767,0.799203,9.636196,1.573580,9.796487,80.756706,85.258881

18.9607906,0.832702,9.664909,1.559223,9.825225,80.868790,85.075714

18.9633064,0.777667,9.660124,1.607080,9.823719,80.584564,85.397453

18.9658203,0.780060,9.629018,1.587937,9.790201,80.665588,85.368500

18.9683380,0.823131,9.638589,1.592723,9.803913,80.650414,85.118813

18.9708519,0.827917,9.667302,1.611865,9.835664,80.567841,85.105080

18.9733677,0.803988,9.660124,1.571187,9.820032,80.793213,85.242378

18.9758835,0.796810,9.655338,1.559223,9.812830,80.857155,85.282341

18.9783993,0.760918,9.672089,1.561616,9.826848,80.856178,85.501724

18.9809151,0.763310,9.648160,1.554437,9.802341,80.875626,85.476486

18.9834290,0.789631,9.664909,1.602294,9.828598,80.617554,85.329262

18.9859467,0.782453,9.652946,1.604687,9.816649,80.591881,85.365822

18.9884624,0.777667,9.648160,1.602294,9.811172,80.600739,85.391769

18.9909763,0.799203,9.655338,1.587937,9.817628,80.691895,85.268234

18.9934921,0.803988,9.652946,1.539781,9.807991,80.967628,85.238853

18.9960060,0.792024,9.676874,1.566401,9.834776,80.835373,85.320938

18.9985237,0.789631,9.657731,1.566401,9.815747,80.817451,85.325806

19.0010376,0.803988,9.629018,1.544567,9.785197,80.918030,85.227081

19.0035534,0.818345,9.657731,1.554437,9.816197,80.888611,85.156624

19.0060673,0.811167,9.638589,1.578366,9.800593,80.732269,85.189423

19.0085850,0.746561,9.669696,1.511068,9.815482,81.144249,85.585167

19.0111008,0.796810,9.643374,1.534996,9.797234,80.985962,85.276512

19.0136147,0.808774,9.607482,1.566401,9.767878,80.772064,85.188087

19.0161304,0.803988,9.633803,1.552045,9.791088,80.879227,85.229439

19.0186424,0.815953,9.662517,1.578366,9.824523,80.755043,85.173103

19.0211582,0.808774,9.652946,1.578366,9.814515,80.745529,85.210648

19.0236740,0.820738,9.636196,1.568794,9.797500,80.786026,85.131729

19.0261898,0.839881,9.657731,1.568794,9.820299,80.807602,85.029800

19.0287056,0.844666,9.674481,1.566401,9.836802,80.837280,85.010231

19.0312195,0.847059,9.648160,1.595115,9.815747,80.647629,84.982590

19.0337353,0.837488,9.638589,1.619044,9.809439,80.499886,85.034096

19.0362492,0.851845,9.667302,1.597508,9.835365,80.652328,84.964325

19.0387650,0.851845,9.648160,1.568794,9.811918,80.799683,84.954384

19.0412788,0.842274,9.614660,1.561616,9.777001,80.809158,84.993492

19.0437946,0.844666,9.624231,1.587937,9.790854,80.666214,84.984314

19.0463085,0.854238,9.667302,1.609472,9.837523,80.583771,84.950256

19.0488262,0.839881,9.672089,1.552045,9.831762,80.917282,85.037140

19.0513420,0.849452,9.650553,1.573580,9.814830,80.774139,84.969727

19.0538559,0.835095,9.660124,1.585544,9.824934,80.713020,85.059196

19.0563717,0.859023,9.648160,1.556830,9.810638,80.869247,84.912086

19.0588875,0.813560,9.652946,1.585544,9.816068,80.704552,85.182442

19.0614033,0.796810,9.645767,1.599901,9.809965,80.613739,85.277679

19.0639172,0.777667,9.667302,1.578366,9.826125,80.756561,85.400856

19.0664349,0.799203,9.657731,1.546960,9.813438,80.930244,85.269402

19.0689507,0.777667,9.640982,1.566401,9.798311,80.800972,85.388351

19.0714645,0.772882,9.643374,1.575973,9.801821,80.747612,85.417747

19.0739803,0.751346,9.674481,1.580758,9.831526,80.747559,85.559166

19.0764942,0.753739,9.636196,1.607080,9.798322,80.559937,85.527458

19.0790100,0.758525,9.660124,1.575973,9.817181,80.762215,85.510277

19.0815239,0.772882,9.662517,1.621436,9.828053,80.503906,85.426781

19.0840397,0.770489,9.650553,1.583151,9.809852,80.712776,85.435257

19.0865555,0.753739,9.648160,1.611865,9.810872,80.543793,85.532982

19.0890694,0.796810,9.638589,1.626222,9.807237,80.455208,85.274178

19.0915871,0.768096,9.626625,1.631008,9.793982,80.413780,85.438110

19.0941010,0.756132,9.619446,1.621436,9.784403,80.461143,85.505531

19.0966167,0.772882,9.657731,1.585544,9.817488,80.705910,85.424530

19.0991364,0.768096,9.645767,1.611865,9.809633,80.542587,85.447121

19.1016502,0.748953,9.669696,1.590330,9.828179,80.687843,85.571075

19.1041679,0.746561,9.684052,1.590330,9.842122,80.701149,85.591690

19.1066818,0.741775,9.679267,1.590330,9.837052,80.696312,85.617676

19.1091976,0.722632,9.669696,1.578366,9.824279,80.754807,85.726135

19.1117115,0.705883,9.688838,1.626222,9.849693,80.496735,85.833061

19.1142292,0.717847,9.693624,1.595115,9.850180,80.680618,85.764778

19.1167450,0.732204,9.712767,1.614258,9.873185,80.589935,85.688873

19.1192551,0.741775,9.676874,1.635793,9.842152,80.432884,85.616600

19.1217709,0.751346,9.715159,1.595115,9.873866,80.703171,85.577690

19.1242847,0.772882,9.719945,1.623829,9.884912,80.544968,85.453690

19.1268024,0.796810,9.655338,1.599901,9.819376,80.622818,85.282341

19.1293163,0.741775,9.636196,1.626222,9.800567,80.448654,85.598167

19.1318321,0.770489,9.636196,1.611865,9.800410,80.533600,85.428482

19.1343460,0.768096,9.626625,1.590330,9.787290,80.648590,85.438110

19.1368618,0.760918,9.633803,1.571187,9.790699,80.765388,85.483917

19.1393757,0.787239,9.626625,1.554437,9.783043,80.857468,85.324913

19.1418934,0.777667,9.631411,1.566401,9.788894,80.792046,85.383789

19.1444092,0.811167,9.652946,1.619044,9.821337,80.511505,85.196541

19.1469231,0.787239,9.607482,1.554437,9.764207,80.839684,85.315643

19.1494389,0.782453,9.629018,1.542174,9.783073,80.930237,85.354355

19.1519527,0.789631,9.607482,1.578366,9.768238,80.701302,85.301468

19.1544685,0.789631,9.643374,1.604687,9.807814,80.583321,85.318878

19.1569862,0.801596,9.650553,1.578366,9.811573,80.742729,85.251793

19.1594982,0.813560,9.638589,1.559223,9.797727,80.842941,85.175301

19.1620140,0.832702,9.652946,1.580758,9.816901,80.733650,85.069641

19.1645279,0.818345,9.696016,1.583151,9.858438,80.758949,85.175659

19.1670456,0.849452,9.698409,1.559223,9.859609,80.900902,84.994423

19.1695595,0.839881,9.638589,1.578366,9.803012,80.734573,85.019981

19.1720753,0.803988,9.643374,1.585544,9.805866,80.694801,85.234154

19.1745892,0.830309,9.624231,1.580758,9.788465,80.706497,85.069145

19.1771049,0.854238,9.662517,1.566401,9.825862,80.826988,84.947769

19.1796227,0.835095,9.669696,1.573580,9.832423,80.790787,85.064064

19.1821365,0.847059,9.636196,1.616651,9.807515,80.512177,84.976387

19.1846523,0.820738,9.672089,1.628615,9.842525,80.475624,85.149712

19.1871662,0.859023,9.655338,1.595115,9.823842,80.655403,84.915855

19.1896839,0.820738,9.643374,1.587937,9.807641,80.682335,85.135338

19.1921978,0.835095,9.640982,1.609472,9.810011,80.557121,85.049438

19.1947136,0.830309,9.626625,1.556830,9.786983,80.846992,85.070358

19.1972523,0.815953,9.652946,1.602294,9.818986,80.608292,85.168335

19.1997929,0.811167,9.652946,1.561616,9.812033,80.842255,85.196541

19.2023067,0.868595,9.617053,1.554437,9.780513,80.855087,84.839149

19.2048321,0.832702,9.664909,1.583151,9.829051,80.731071,85.075714

19.2073498,0.823131,9.636196,1.626222,9.807059,80.455032,85.117607

19.2098560,0.823131,9.652946,1.585544,9.816866,80.705315,85.126038

19.2123623,0.801596,9.621839,1.607080,9.788005,80.549896,85.237686

19.2148781,0.823131,9.652946,1.573580,9.814940,80.774239,85.126038

19.2174263,0.813560,9.667302,1.604687,9.833292,80.607941,85.189560

19.2199421,0.818345,9.688838,1.595115,9.853307,80.683601,85.172104

19.2224579,0.808774,9.676874,1.590330,9.839977,80.699104,85.222435

19.2249737,0.799203,9.664909,1.595115,9.828204,80.659592,85.272896

19.2274876,0.815953,9.691231,1.573580,9.851999,80.809242,85.187340

19.2300014,0.825524,9.748658,1.604687,9.914275,80.685349,85.159698

19.2325134,0.820738,9.686445,1.640579,9.858618,80.420807,85.156860

19.2350292,0.832702,9.681660,1.580758,9.845137,80.760460,85.084190

19.2375450,0.815953,9.674481,1.619044,9.842899,80.532478,85.179047

19.2400608,0.820738,9.652946,1.580758,9.815894,80.732697,85.140137

19.2425747,0.813560,9.640982,1.607080,9.807809,80.569153,85.176491

19.2450905,0.823131,9.638589,1.616651,9.807829,80.512482,85.118813

19.2476044,0.813560,9.681660,1.614258,9.848971,80.566589,85.196663

19.2500744,0.792024,9.660124,1.611865,9.825650,80.558144,85.312859

19.2525635,0.784846,9.607482,1.623829,9.775301,80.437958,85.329811

19.2550755,0.758525,9.667302,1.585544,9.825785,80.713829,85.513596

19.2575912,0.720240,9.662517,1.604687,9.821303,80.596375,85.737083

19.2601032,0.746561,9.612267,1.652543,9.781816,80.273788,85.558899

19.2626171,0.736989,9.617053,1.631008,9.782180,80.402100,85.617783

19.2651329,0.775275,9.648160,1.609472,9.812158,80.559204,85.405891

19.2676449,0.758525,9.633803,1.631008,9.800292,80.420006,85.498062

19.2701721,0.756132,9.624231,1.621436,9.789107,80.465767,85.507759

19.2726879,0.722632,9.621839,1.583151,9.777952,80.682205,85.704956

19.2751999,0.763310,9.640982,1.566401,9.797182,80.799904,85.473137

19.2777157,0.760918,9.652946,1.602294,9.814566,80.604019,85.492836

19.2802277,0.794417,9.657731,1.623829,9.825460,80.487228,85.297600

19.2827435,0.815953,9.652946,1.559223,9.812050,80.856422,85.168335

19.2852554,0.782453,9.669696,1.583151,9.829630,80.731628,85.373817

19.2877712,0.815953,9.664909,1.602294,9.830748,80.619629,85.174294

19.2902946,0.787239,9.669696,1.595115,9.831945,80.663177,85.345642

19.2928085,0.808774,9.672089,1.604687,9.837604,80.612099,85.220085

19.2953224,0.782453,9.633803,1.580758,9.793937,80.711731,85.356659

19.2978363,0.770489,9.669696,1.623829,9.835319,80.496849,85.444252

19.3003521,0.801596,9.686445,1.631008,9.855453,80.474129,85.269302

19.3028641,0.765703,9.679267,1.575973,9.836575,80.780586,85.476891

19.3053799,0.729811,9.655338,1.597508,9.813777,80.631577,85.677444

19.3078918,0.741775,9.652946,1.602294,9.813100,80.602608,85.605774

19.3104115,0.732204,9.657731,1.590330,9.815144,80.675362,85.664398

19.3129253,0.708275,9.672089,1.561616,9.822912,80.852486,85.811775

19.3154411,0.684347,9.696016,1.619044,9.854053,80.543297,85.962746

19.3179531,0.708275,9.686445,1.602294,9.843588,80.631973,85.817963

19.3204689,0.705883,9.664909,1.642972,9.828942,80.377464,85.822784

19.3229847,0.691526,9.655338,1.650150,9.819713,80.325851,85.903412

19.3254967,0.703490,9.640982,1.633401,9.803643,80.409134,85.826599

19.3280125,0.701097,9.660124,1.647758,9.824696,80.344955,85.848953

19.3305397,0.720240,9.638589,1.640579,9.803705,80.366646,85.726540

19.3330536,0.739382,9.660124,1.616651,9.822333,80.526627,85.623138

19.3355694,0.734597,9.660124,1.604687,9.820013,80.595131,85.651360

19.3380814,0.729811,9.643374,1.650150,9.810723,80.316902,85.672104

19.3405972,0.775275,9.681660,1.623829,9.847457,80.508675,85.421715

19.3431110,0.789631,9.648160,1.585544,9.809406,80.698189,85.321190

19.3456268,0.758525,9.655338,1.619044,9.819482,80.509689,85.508064

19.3481407,0.753739,9.621839,1.595115,9.782244,80.615311,85.520805

19.3506641,0.734597,9.662517,1.587937,9.819644,80.693825,85.652428

19.3531799,0.770489,9.676874,1.583151,9.835747,80.737442,85.447617

19.3556938,0.768096,9.662517,1.614258,9.826496,80.544815,85.454979

19.3582077,0.753739,9.652946,1.599901,9.813622,80.617271,85.535187

19.3607216,0.770489,9.676874,1.595115,9.837680,80.668671,85.447617

19.3632374,0.758525,9.710373,1.585544,9.868164,80.754059,85.533417

19.3657532,0.727418,9.688838,1.585544,9.844626,80.731758,85.706406

19.3682671,0.696311,9.707980,1.575973,9.859687,80.802391,85.897446

19.3707886,0.727418,9.676874,1.595115,9.834400,80.665527,85.701118

19.3733025,0.708275,9.686445,1.607080,9.844368,80.604492,85.817963

19.3758183,0.691526,9.676874,1.619044,9.835721,80.525505,85.912498

19.3783340,0.691526,9.679267,1.623829,9.838863,80.500305,85.913506

19.3808479,0.717847,9.652946,1.647758,9.818848,80.339149,85.746994

19.3833637,0.720240,9.645767,1.616651,9.806790,80.511467,85.729706

19.3858776,0.693919,9.614660,1.611865,9.773500,80.507294,85.871948

19.3883934,0.725025,9.583553,1.626222,9.747552,80.396210,85.673637

19.3909035,0.732204,9.554840,1.604687,9.716281,80.493797,85.617889

19.3934193,0.725025,9.602696,1.590330,9.760461,80.622650,85.682228

19.3959332,0.770489,9.624231,1.607080,9.787859,80.549751,85.422821

19.3984489,0.789631,9.597911,1.609472,9.763904,80.512115,85.296799

19.4009628,0.768096,9.617053,1.597508,9.779045,80.598000,85.433586

19.4034786,0.772882,9.605089,1.597508,9.767656,80.586945,85.399559

19.4059925,0.789631,9.655338,1.616651,9.821540,80.525848,85.324646

19.4085083,0.808774,9.662517,1.621436,9.830941,80.506714,85.215370

19.4110260,0.736989,9.662517,1.599901,9.821765,80.625114,85.638321

19.4135399,0.777667,9.640982,1.595115,9.802943,80.635307,85.388351

19.4160557,0.830309,9.660124,1.614258,9.829204,80.547447,85.087372

19.4185696,0.808774,9.672089,1.638186,9.843123,80.419716,85.220085

19.4210854,0.792024,9.681660,1.623829,9.848789,80.509964,85.323235

19.4235992,0.763310,9.693624,1.674079,9.866687,80.231377,85.497620

19.4261150,0.777667,9.693624,1.592723,9.854333,80.698677,85.413292

19.4286308,0.811167,9.705587,1.573580,9.865726,80.822144,85.222473

19.4311466,0.815953,9.684052,1.623829,9.853094,80.514153,85.183784

19.4336624,0.813560,9.652946,1.611865,9.820354,80.553001,85.182442

19.4361763,0.830309,9.676874,1.599901,9.843322,80.645836,85.095833

19.4386921,0.815953,9.707980,1.592723,9.871547,80.715042,85.195602

19.4412060,0.818345,9.672089,1.599901,9.837615,80.640358,85.163780

19.4437218,0.820738,9.669696,1.604687,9.836242,80.610786,85.148514

19.4462376,0.832702,9.660124,1.571187,9.822424,80.795471,85.073288

19.4487514,0.832702,9.621839,1.614258,9.791782,80.510986,85.053780

19.4512672,0.866202,9.645767,1.587937,9.813902,80.688332,84.868530

19.4537811,0.859023,9.645767,1.592723,9.814047,80.660156,84.910835

19.4562969,0.866202,9.643374,1.631008,9.818613,80.438049,84.867264

19.4588108,0.847059,9.638589,1.597508,9.806729,80.624786,84.977631

19.4613266,0.851845,9.626625,1.585544,9.793442,80.682884,84.943161

19.4638405,0.866202,9.600304,1.587937,9.769221,80.645363,84.844360

19.4663563,0.890429,9.617053,1.609472,9.791372,80.538979,84.710144

19.4688721,0.873679,9.607482,1.599901,9.778891,80.583641,84.803963

19.4713879,0.902393,9.576375,1.609472,9.752522,80.500938,84.616844

19.4739037,0.876072,9.595518,1.571187,9.762689,80.738655,84.783348

19.4764175,0.895215,9.643374,1.587937,9.814154,80.688568,84.696312

19.4789333,0.873679,9.609875,1.638186,9.787577,80.364822,84.805252

19.4814472,0.909572,9.612267,1.604687,9.787646,80.563744,84.594421

19.4839630,0.955035,9.624231,1.597508,9.802548,80.620750,84.332954

19.4864769,0.933500,9.631411,1.595115,9.807135,80.639343,84.464043

19.4889927,0.892822,9.588340,1.583151,9.759087,80.664032,84.680222

19.4915085,0.921536,9.607482,1.595115,9.782501,80.615562,84.521034

19.4940224,0.916750,9.626625,1.614258,9.803988,80.522911,84.560089

19.4965382,0.923929,9.655338,1.564009,9.824730,80.840057,84.533958

19.4990520,0.947857,9.655338,1.552045,9.825112,80.911079,84.393288

19.5015678,0.928714,9.638589,1.552045,9.806822,80.893982,84.496323

19.5040817,0.926321,9.662517,1.559223,9.831250,80.874435,84.523933

19.5065975,0.904786,9.657731,1.590330,9.829525,80.689125,84.647858

19.5091114,0.902393,9.660124,1.573580,9.828960,80.787514,84.663246

19.5116291,0.885643,9.655338,1.590330,9.825430,80.685211,84.759163

19.5141449,0.849452,9.664909,1.616651,9.835935,80.539841,84.977165

19.5166588,0.871287,9.669696,1.590330,9.838258,80.697464,84.851273

19.5191746,0.888036,9.657731,1.585544,9.827224,80.715202,84.746376

19.5216885,0.851845,9.672089,1.616651,9.843196,80.546890,84.966805

19.5242062,0.856631,9.684052,1.595115,9.851857,80.682213,84.944893

19.5267200,0.880858,9.655338,1.561616,9.820393,80.850121,84.787331

19.5292358,0.851845,9.669696,1.592723,9.836942,80.682083,84.965569

19.5317535,0.876072,9.652946,1.595115,9.822996,80.654594,84.814217

19.5342674,0.856631,9.669696,1.619044,9.841653,80.531273,84.937431

19.5367832,0.842274,9.660124,1.599901,9.827874,80.630997,85.016937

19.5392971,0.844666,9.621839,1.583151,9.787727,80.691589,84.983070

19.5418148,0.856631,9.629018,1.619044,9.801689,80.492302,84.916153

19.5443306,0.796810,9.679267,1.592723,9.841742,80.686668,85.293945

19.5468445,0.842274,9.655338,1.602294,9.823560,80.612701,85.014481

19.5493603,0.825524,9.686445,1.604687,9.853107,80.627007,85.128761

19.5518703,0.815953,9.657731,1.602294,9.823690,80.612831,85.170723

19.5543861,0.806381,9.643374,1.638186,9.814713,80.391716,85.220032

19.5569000,0.765703,9.621839,1.604687,9.784739,80.560913,85.450005

19.5594158,0.760918,9.621839,1.599901,9.783581,80.588196,85.478325

19.5619297,0.782453,9.619446,1.616651,9.785680,80.490814,85.349754

19.5644455,0.772882,9.640982,1.616651,9.806091,80.510788,85.416611

19.5669594,0.760918,9.629018,1.590330,9.789083,80.650314,85.481682

19.5694752,0.736989,9.667302,1.604687,9.827253,80.602119,85.640472

19.5719929,0.768096,9.664909,1.628615,9.831218,80.464569,85.456100

19.5745068,0.758525,9.638589,1.633401,9.805394,80.410858,85.500290

19.5770226,0.763310,9.612267,1.609472,9.775926,80.523895,85.459671

19.5795364,0.739382,9.636196,1.631008,9.801181,80.420883,85.612312

19.5820522,0.782453,9.652946,1.614258,9.818219,80.536774,85.365822

19.5845661,0.765703,9.636196,1.669293,9.809644,80.202377,85.456757

19.5870819,0.744168,9.672089,1.645365,9.839223,80.373482,85.600349

19.5895958,0.753739,9.660124,1.595115,9.819903,80.651627,85.538490

19.5921135,0.777667,9.652946,1.602294,9.815879,80.605286,85.394043

19.5946312,0.736989,9.655338,1.602294,9.815093,80.604530,85.635094

19.5971451,0.717847,9.664909,1.609472,9.824265,80.570946,85.752243

19.5996609,0.744168,9.657731,1.616651,9.820342,80.524689,85.593834

19.6021748,0.772882,9.629018,1.604687,9.792362,80.568329,85.410942

19.6046906,0.748953,9.652946,1.628615,9.817977,80.451591,85.563416

19.6072044,0.770489,9.669696,1.607080,9.832567,80.593109,85.444252

19.6097202,0.789631,9.693624,1.611865,9.858396,80.589790,85.343033

19.6122398,0.787239,9.621839,1.642972,9.792797,80.341606,85.322601

19.6147537,0.792024,9.636196,1.611865,9.802127,80.535278,85.301270

19.6172695,0.789631,9.633803,1.657329,9.807161,80.270798,85.314247

19.6197853,0.801596,9.667302,1.647758,9.839431,80.359558,85.259979

19.6223011,0.839881,9.664909,1.650150,9.840674,80.346657,85.033470

19.6248169,0.801596,9.629018,1.642972,9.801015,80.349785,85.241219

19.6273308,0.792024,9.672089,1.628615,9.840173,80.473328,85.318626

19.6298466,0.839881,9.655338,1.657329,9.832481,80.296097,85.028572

19.6323719,0.803988,9.633803,1.657329,9.808329,80.271973,85.229439

19.6348858,0.813560,9.617053,1.638186,9.789446,80.366684,85.164543

19.6374016,0.830309,9.633803,1.623829,9.804917,80.467110,85.074013

19.6399155,0.832702,9.655338,1.652543,9.831065,80.322983,85.070854

19.6424313,0.839881,9.664909,1.623829,9.836295,80.497803,85.033470

19.6449471,0.839881,9.662517,1.602294,9.830411,80.619301,85.032249

19.6474628,0.868595,9.648160,1.609472,9.819972,80.566788,84.855705

19.6499786,0.825524,9.643374,1.611865,9.811945,80.544830,85.107109

19.6524792,0.818345,9.669696,1.628615,9.839974,80.473129,85.162590

19.6549931,0.806381,9.703195,1.640579,9.873892,80.435768,85.249367

19.6575089,0.787239,9.679267,1.611865,9.844088,80.575989,85.350227

19.6600227,0.784846,9.684052,1.628615,9.851357,80.484245,85.366577

19.6625385,0.835095,9.662517,1.604687,9.830393,80.605148,85.060417

19.6650524,0.794417,9.688838,1.626222,9.856433,80.503288,85.312630

19.6675701,0.820738,9.669696,1.676471,9.848207,80.198746,85.148514

19.6700859,0.847059,9.664909,1.633401,9.838495,80.443428,84.991241

19.6726017,0.813560,9.662517,1.614258,9.830154,80.548370,85.187187

19.6751175,0.811167,9.650553,1.616651,9.818591,80.522980,85.195358

19.6776333,0.784846,9.631411,1.647758,9.802814,80.323196,85.341370

19.6801491,0.801596,9.669696,1.638186,9.840184,80.416824,85.261147

19.6826630,0.756132,9.676874,1.638186,9.843642,80.420219,85.532097

19.6851788,0.796810,9.617053,1.690828,9.797015,80.061790,85.263641

19.6876945,0.787239,9.619446,1.676471,9.796124,80.146111,85.321442

19.6902084,0.751346,9.636196,1.635793,9.802888,80.394203,85.541595

19.6927261,0.772882,9.631411,1.669293,9.805506,80.198204,85.412079

19.6952400,0.808774,9.607482,1.642972,9.780449,80.329300,85.188087

19.6977558,0.780060,9.612267,1.676471,9.788500,80.138359,85.360466

19.7002697,0.808774,9.597911,1.666900,9.775100,80.181648,85.183311

19.7027855,0.803988,9.588340,1.650150,9.762462,80.268562,85.206924

19.7053013,0.794417,9.626625,1.640579,9.797679,80.360664,85.282478

19.7078152,0.796810,9.640982,1.678864,9.818453,80.154572,85.275345

19.7103329,0.820738,9.607482,1.650150,9.782655,80.288849,85.117249

19.7128487,0.808774,9.602696,1.642972,9.775748,80.324600,85.185699

19.7153645,0.808774,9.645767,1.650150,9.819263,80.325401,85.207100

19.7178783,0.801596,9.636196,1.623829,9.804879,80.467072,85.244751

19.7203941,0.803988,9.645767,1.650150,9.818871,80.325012,85.235329

19.7229099,0.818345,9.669696,1.623829,9.839183,80.500618,85.162590

19.7254238,0.763310,9.681660,1.619044,9.845734,80.535233,85.492073

19.7279415,0.820738,9.667302,1.635793,9.839012,80.429802,85.147316

19.7304554,0.784846,9.698409,1.657329,9.870252,80.333588,85.373405

19.7329731,0.772882,9.712767,1.609472,9.875504,80.620316,85.450348

19.7354889,0.760918,9.729516,1.614258,9.891830,80.607834,85.528160

19.7380028,0.760918,9.691231,1.619044,9.854960,80.544174,85.510567

19.7405186,0.729811,9.696016,1.621436,9.857708,80.532730,85.695511

19.7430344,0.784846,9.650553,1.611865,9.815664,80.548447,85.350563

19.7455502,0.787239,9.626625,1.628615,9.795103,80.429085,85.324913

19.7480640,0.748953,9.681660,1.597508,9.841112,80.657837,85.576523

19.7505798,0.787239,9.672089,1.611865,9.837029,80.569168,85.346794

19.7530937,0.775275,9.667302,1.631008,9.834530,80.453674,85.414948

19.7556095,0.799203,9.650553,1.650150,9.823181,80.329300,85.265900

19.7581253,0.823131,9.624231,1.642972,9.798099,80.346886,85.111565

19.7606392,0.808774,9.638589,1.626222,9.808216,80.456169,85.203545

19.7631569,0.825524,9.607482,1.650150,9.783056,80.289253,85.088921

19.7656708,0.832702,9.612267,1.657329,9.789577,80.253159,85.048882

19.7681866,0.770489,9.602696,1.609472,9.767078,80.515228,85.412605

19.7707005,0.827917,9.619446,1.638186,9.792999,80.370209,85.080849

19.7732182,0.811167,9.605089,1.609472,9.772723,80.520760,85.172722

19.7757339,0.823131,9.595518,1.640579,9.769494,80.332588,85.097008

19.7782478,0.835095,9.640982,1.647758,9.816364,80.336685,85.049438

19.7807636,0.818345,9.605089,1.633401,9.777291,80.383041,85.130211

19.7832775,0.803988,9.597911,1.671686,9.775522,80.153610,85.211685

19.7857952,0.823131,9.633803,1.652543,9.809109,80.301109,85.116394

19.7883091,0.832702,9.619446,1.659722,9.797030,80.246445,85.052551

19.7908249,0.827917,9.605089,1.642972,9.779700,80.328552,85.073532

19.7933369,0.799203,9.640982,1.583151,9.802735,80.705971,85.261223

19.7958527,0.811167,9.657731,1.616651,9.825646,80.529846,85.198914

19.7983704,0.801596,9.626625,1.650150,9.799870,80.306076,85.240044

19.8008842,0.796810,9.645767,1.669293,9.821521,80.214348,85.277679

19.8034000,0.815953,9.621839,1.614258,9.790372,80.509613,85.152794

19.8059139,0.818345,9.638589,1.623829,9.808614,80.470734,85.147057

19.8084297,0.837488,9.633803,1.642972,9.808716,80.357430,85.031639

19.8109436,0.813560,9.655338,1.666900,9.831886,80.238914,85.183632

19.8134594,0.818345,9.652946,1.698007,9.835257,80.058365,85.154236

19.8159752,0.844666,9.652946,1.712364,9.839971,79.978294,84.999161

19.8184910,0.863809,9.664909,1.664507,9.845162,80.266335,84.892715

19.8210068,0.873679,9.657731,1.698007,9.844709,80.068008,84.830849

19.8235207,0.873679,9.638589,1.709971,9.828007,79.980133,84.820641

19.8260365,0.876072,9.614660,1.700400,9.803089,80.011208,84.793678

19.8285503,0.885643,9.636196,1.721935,9.828819,79.910141,84.748810

19.8310661,0.880858,9.638589,1.686043,9.824512,80.118217,84.778320

19.8335819,0.844666,9.672089,1.709971,9.858335,80.011276,85.009003

19.8360977,0.868595,9.672089,1.774577,9.871822,79.644112,84.868362

19.8386135,0.849452,9.633803,1.736292,9.825805,79.821968,84.961029

19.8411274,0.847059,9.621839,1.741078,9.814715,79.781960,84.968933

19.8436432,0.832702,9.605089,1.774577,9.803074,79.570679,85.045197

19.8461571,0.799203,9.602696,1.731506,9.790231,79.813049,85.242416

19.8486729,0.796810,9.638589,1.753042,9.829062,79.726166,85.274178

19.8511868,0.772882,9.640982,1.776970,9.833794,79.589447,85.416611

19.8537045,0.784846,9.617053,1.788934,9.813459,79.496597,85.334442

19.8562222,0.780060,9.643374,1.834697,9.847298,79.262207,85.375366

19.8587360,0.823131,9.617053,1.779363,9.814856,79.554932,85.107933

19.8612518,0.839881,9.609875,1.755435,9.804930,79.686394,85.005173

19.8637657,0.842274,9.629018,1.781756,9.828635,79.555550,85.000923

19.8662815,0.801596,9.624231,1.748256,9.814519,79.739166,85.238861

19.8687973,0.827917,9.605089,1.741078,9.796659,79.762924,85.073532

19.8713131,0.796810,9.617053,1.736292,9.804964,79.800102,85.263641

19.8738136,0.775275,9.609875,1.767399,9.801757,79.611923,85.387665

19.8763294,0.842274,9.612267,1.803291,9.816158,79.414276,84.992256

19.8788433,0.792024,9.612267,1.755435,9.803292,79.684647,85.289627

19.8813591,0.748953,9.597911,1.776970,9.789711,79.542038,85.538086

19.8838730,0.736989,9.633803,1.800898,9.828355,79.441757,85.625374

19.8863888,0.787239,9.633803,1.796113,9.831375,79.473404,85.328384

19.8889046,0.748953,9.602696,1.748256,9.789234,79.712379,85.540298

19.8914185,0.748953,9.576375,1.753042,9.764274,79.657249,85.528091

19.8939495,0.715454,9.617053,1.772184,9.805112,79.587082,85.745361

19.8964653,0.703490,9.645767,1.774577,9.832846,79.602608,85.828659

19.8989792,0.698704,9.609875,1.798505,9.801658,79.426895,85.841522

19.9014969,0.672383,9.650553,1.760220,9.832785,79.687584,86.014473

19.9040108,0.684347,9.640982,1.769791,9.825936,79.623581,85.939774

19.9065266,0.669990,9.645767,1.784148,9.832237,79.545242,86.026642

19.9090424,0.679562,9.652946,1.779363,9.839070,79.580925,85.973053

19.9115562,0.677169,9.638589,1.793720,9.827430,79.483322,85.981232

19.9140720,0.674776,9.621839,1.774577,9.807356,79.575279,85.988434

19.9165859,0.669990,9.614660,1.731506,9.792277,79.815201,86.013832

19.9191017,0.674776,9.624231,1.733899,9.802426,79.811646,85.989433

19.9216175,0.703490,9.595518,1.726721,9.774990,79.825493,85.806892

19.9241333,0.715454,9.633803,1.757827,9.818961,79.687096,85.752731

19.9266491,0.741775,9.602696,1.736292,9.786558,79.780716,85.582870

19.9291630,0.780060,9.605089,1.714756,9.788086,79.910393,85.357018

19.9316788,0.811167,9.617053,1.705185,9.800681,79.980324,85.178703

19.9341908,0.811167,9.605089,1.666900,9.782346,80.188995,85.172722

19.9367065,0.866202,9.600304,1.635793,9.777114,80.368637,84.844360

19.9392223,0.842274,9.609875,1.621436,9.782034,80.458809,84.991013

19.9417381,0.835095,9.614660,1.621436,9.786119,80.462830,85.035950

19.9442520,0.904786,9.595518,1.604687,9.770753,80.547279,84.613358

19.9467678,0.900000,9.602696,1.621436,9.780125,80.456932,84.645668

19.9492836,0.904786,9.602696,1.607080,9.778195,80.540329,84.617363

19.9517975,0.900000,9.597911,1.580758,9.768761,80.687584,84.643013

19.9543133,0.943071,9.619446,1.566401,9.791666,80.794678,84.400726

19.9568272,0.952643,9.621839,1.575973,9.796478,80.742523,84.345665

19.9593430,0.938286,9.626625,1.559223,9.797115,80.842369,84.433090

19.9618568,0.890429,9.629018,1.566401,9.796145,80.798920,84.716682

19.9643745,0.876072,9.638589,1.549353,9.801550,80.904984,84.806534

19.9668903,0.916750,9.667302,1.520639,9.829014,81.100067,84.582840

19.9694042,0.933500,9.629018,1.496711,9.789257,81.205376,84.462677

19.9719200,0.861416,9.676874,1.501496,9.830484,81.214325,84.913055

19.9744339,0.909572,9.684052,1.465604,9.836473,81.431198,84.634254

19.9769497,0.933500,9.657731,1.444068,9.809614,81.534752,84.479034

19.9794636,0.926321,9.638589,1.458425,9.792215,81.434654,84.510422

19.9819794,0.926321,9.662517,1.475175,9.818271,81.358704,84.523933

19.9844933,0.907179,9.655338,1.441676,9.804436,81.544388,84.632462

19.9870110,0.878465,9.684052,1.434497,9.829057,81.608025,84.816742

19.9895267,0.888036,9.662517,1.405783,9.804543,81.756470,84.748970

19.9920406,0.897608,9.686445,1.417747,9.830714,81.708115,84.705727

19.9945583,0.854238,9.727123,1.422533,9.867637,81.711273,84.981148

19.9970722,0.856631,9.700802,1.424926,9.842245,81.675659,84.953583

19.9995880,0.863809,9.696016,1.451247,9.842003,81.520561,84.909012

20.0021057,0.835095,9.734302,1.424926,9.873420,81.702133,85.096664

20.0046196,0.895215,9.758230,1.465604,9.908202,81.493698,84.758385

20.0071354,0.863809,9.717552,1.467997,9.865698,81.442719,84.920235

20.0096493,0.835095,9.731909,1.417747,9.870028,81.741371,85.095467

20.0121651,0.851845,9.741480,1.472782,9.888942,81.434944,85.002480

20.0146790,0.832702,9.743873,1.472782,9.889668,81.435577,85.115425

20.0171947,0.815953,9.755837,1.439283,9.895134,81.636452,85.219063

20.0197086,0.801596,9.755837,1.467997,9.898178,81.471008,85.302803

20.0222263,0.820738,9.768100,1.477568,9.913253,81.428139,85.197159

20.0247421,0.811167,9.736694,1.494318,9.884037,81.304398,85.237671

20.0272560,0.811167,9.736694,1.487139,9.882955,81.345535,85.237671

20.0297718,0.780060,9.765409,1.503889,9.911276,81.272507,85.432915

20.0322857,0.796810,9.691231,1.518246,9.841744,81.125771,85.299728

20.0348034,0.772882,9.698409,1.544567,9.850998,80.979202,85.443634

20.0373173,0.748953,9.679267,1.527817,9.827683,81.056488,85.575439

20.0398331,0.741775,9.679267,1.532603,9.827885,81.028435,85.617676

20.0423489,0.717847,9.645767,1.561616,9.797692,80.828735,85.743843

20.0448627,0.713061,9.626625,1.571187,9.780030,80.755226,85.763733

20.0473804,0.734597,9.600304,1.583151,9.757655,80.662651,85.624367

20.0498943,0.698704,9.607482,1.590330,9.763250,80.625351,85.840485

20.0524101,0.693919,9.566804,1.602294,9.724845,80.516541,85.851372

20.0549240,0.691526,9.581161,1.654936,9.747598,80.225037,85.871803

20.0574398,0.691526,9.585947,1.631008,9.748271,80.368401,85.873856

20.0599537,0.681954,9.569197,1.635793,9.731928,80.323494,85.923676

20.0624695,0.660419,9.559626,1.640579,9.721836,80.284737,86.048050

20.0649853,0.662812,9.569197,1.638186,9.731007,80.308273,86.037727

20.0674992,0.660419,9.564411,1.631008,9.724932,80.345062,86.050018

20.0700169,0.672383,9.550055,1.642972,9.713651,80.262146,85.972664

20.0725307,0.658026,9.612267,1.640579,9.773442,80.336533,86.083817

20.0750484,0.689133,9.643374,1.669293,9.811020,80.203766,85.912491

20.0775642,0.669990,9.664909,1.678864,9.832495,80.168777,86.034492

20.0800800,0.660419,9.667302,1.662114,9.831353,80.266678,86.091927

20.0825958,0.684347,9.712767,1.671686,9.879307,80.258064,85.969681

20.0851097,0.686740,9.712767,1.695614,9.883550,80.121513,85.955635

20.0876255,0.684347,9.700802,1.662114,9.865927,80.301117,85.964729

20.0901394,0.701097,9.729516,1.669293,9.896543,80.289246,85.878464

20.0926571,0.727418,9.748658,1.659722,9.915652,80.364243,85.732651

20.0951729,0.703490,9.794421,1.650150,9.957338,80.460815,85.891754

20.0976868,0.684347,9.734302,1.623829,9.892511,80.552299,85.978569

20.1002026,0.732204,9.727123,1.635793,9.890848,80.480423,85.695213

20.1027374,0.710668,9.751051,1.626222,9.911239,80.556290,85.831581

20.1052742,0.720240,9.787243,1.645365,9.950683,80.482323,85.791214

20.1077900,0.715454,9.780065,1.650150,9.944071,80.447975,85.816017

20.1103287,0.693919,9.741480,1.635793,9.902210,80.491447,85.925507

20.1128445,0.662812,9.775279,1.604687,9.928264,80.698586,86.121002

20.1153641,0.672383,9.777672,1.578366,9.927045,80.851341,86.066124

20.1178818,0.674776,9.722338,1.626222,9.880474,80.526611,86.029770

20.1203976,0.703490,9.679267,1.657329,9.845295,80.308846,85.843048

20.1228962,0.691526,9.688838,1.628615,9.849070,80.482010,85.917526

20.1254120,0.722632,9.662517,1.642972,9.827806,80.376343,85.722969

20.1279278,0.708275,9.643374,1.642972,9.807940,80.356667,85.799347

20.1304436,0.727418,9.636196,1.621436,9.798697,80.475189,85.683037

20.1329575,0.744168,9.626625,1.650150,9.795341,80.301544,85.579651

20.1354733,0.701097,9.619446,1.662114,9.787129,80.222267,85.831467

20.1379890,0.703490,9.636196,1.638186,9.799736,80.376892,85.824532

20.1405048,0.679562,9.612267,1.633401,9.773714,80.379486,85.956070

20.1430187,0.717847,9.609875,1.626222,9.772902,80.421356,85.728004

20.1455345,0.748953,9.638589,1.587937,9.797187,80.672302,85.556839

20.1480026,0.760918,9.652946,1.609472,9.815741,80.562683,85.492836

20.1505165,0.760918,9.621839,1.595115,9.782800,80.615845,85.478325

20.1530323,0.789631,9.652946,1.580758,9.813342,80.730263,85.323494

20.1555443,0.789631,9.686445,1.554437,9.842104,80.912796,85.339600

20.1580601,0.784846,9.638589,1.590330,9.800385,80.661194,85.344818

20.1605759,0.780060,9.640982,1.590330,9.802356,80.663086,85.374229

20.1630878,0.796810,9.672089,1.561616,9.829692,80.858849,85.290474

20.1656036,0.772882,9.700802,1.607080,9.863347,80.622734,85.444756

20.1681175,0.751346,9.676874,1.542174,9.827752,80.971809,85.560265

20.1706314,0.756132,9.681660,1.544567,9.833207,80.962746,85.534302

20.1731453,0.768096,9.703195,1.559223,9.857643,80.899071,85.473953

20.1756611,0.746561,9.681660,1.602294,9.841709,80.630165,85.590599

20.1781731,0.768096,9.691231,1.573580,9.848151,80.805626,85.468391

20.1806889,0.801596,9.667302,1.597508,9.831141,80.648270,85.259979

20.1832027,0.815953,9.655338,1.580758,9.817847,80.734550,85.169533

20.1857166,0.825524,9.662517,1.571187,9.824171,80.797119,85.116753

20.1882401,0.854238,9.652946,1.583151,9.819137,80.721634,84.942780

20.1907539,0.847059,9.640982,1.575973,9.805596,80.751205,84.978874

20.1932697,0.844666,9.643374,1.575973,9.807743,80.753250,84.994217

20.1957817,0.844666,9.638589,1.604687,9.807695,80.583206,84.991745

20.1982975,0.866202,9.602696,1.583151,9.770796,80.675316,84.845642

20.2008114,0.849452,9.614660,1.599901,9.783810,80.588417,84.951050

20.2033272,0.876072,9.612267,1.587937,9.781857,80.657555,84.792389

20.2058392,0.859023,9.633803,1.585544,9.801125,80.690254,84.904549

20.2083626,0.856631,9.619446,1.609472,9.790708,80.538330,84.911125

20.2108784,0.883251,9.633803,1.611865,9.807569,80.540573,84.761627

20.2133923,0.880858,9.648160,1.592723,9.818334,80.664268,84.783470

20.2159081,0.892822,9.674481,1.590330,9.844891,80.703789,84.727318

20.2184200,0.888036,9.624231,1.607080,9.797813,80.559441,84.728195

20.2209358,0.859023,9.597911,1.568794,9.763142,80.753319,84.885590

20.2234497,0.839881,9.638589,1.556830,9.799567,80.858849,85.019981

20.2259655,0.847059,9.640982,1.571187,9.804829,80.778809,84.978874

20.2284889,0.823131,9.629018,1.568794,9.790641,80.779518,85.113983

20.2310028,0.815953,9.605089,1.564009,9.765738,80.784241,85.144379

20.2335186,0.820738,9.621839,1.583151,9.785692,80.689644,85.124496

20.2360344,0.835095,9.617053,1.575973,9.781042,80.727783,85.037178

20.2385483,0.854238,9.621839,1.559223,9.784717,80.830658,84.926521

20.2410641,0.844666,9.624231,1.575973,9.788921,80.735313,84.984314

20.2435780,0.859023,9.633803,1.583151,9.800737,80.704056,84.904549

20.2460938,0.851845,9.602696,1.568794,9.767217,80.757210,84.930626

20.2486115,0.844666,9.593125,1.585544,9.759891,80.650574,84.968132

20.2511272,0.837488,9.571589,1.566401,9.735005,80.740631,84.999512

20.2536430,0.839881,9.645767,1.561616,9.807388,80.837883,85.023666

20.2561569,0.859023,9.662517,1.578366,9.828194,80.758522,84.919609

20.2586727,0.856631,9.662517,1.580758,9.828369,80.744560,84.933685

20.2611866,0.863809,9.650553,1.546960,9.811851,80.928764,84.885155

20.2637024,0.876072,9.698409,1.552045,9.860806,80.944260,84.838394

20.2662163,0.839881,9.705587,1.566401,9.866987,80.865547,85.054184

20.2687302,0.827917,9.712767,1.580758,9.875327,80.788956,85.127884

20.2712440,0.861416,9.700802,1.575973,9.865662,80.808006,84.925529

20.2737598,0.878465,9.710373,1.595115,9.879647,80.708656,84.830711

20.2762737,0.854238,9.686445,1.587937,9.852841,80.725456,84.960182

20.2787895,0.825524,9.696016,1.635793,9.867626,80.457817,85.133545

20.2813053,0.839881,9.696016,1.580758,9.859864,80.774384,85.049324

20.2838192,0.844666,9.710373,1.595115,9.876700,80.705864,85.028587

20.2863350,0.823131,9.700802,1.616651,9.868975,80.571808,85.149963

20.2888527,0.818345,9.698409,1.607080,9.864660,80.623993,85.176842

20.2913685,0.780060,9.684052,1.607080,9.847440,80.607452,85.394714

20.2938843,0.801596,9.636196,1.609472,9.802511,80.549828,85.244751

20.2964001,0.827917,9.650553,1.645365,9.824757,80.359177,85.096626

20.2989159,0.801596,9.645767,1.659722,9.820288,80.269768,85.249443

20.3014297,0.811167,9.638589,1.609472,9.805651,80.552879,85.189423

20.3039455,0.825524,9.652946,1.619044,9.822533,80.512665,85.111938

20.3064594,0.818345,9.626625,1.640579,9.799647,80.362617,85.141052

20.3089771,0.837488,9.590733,1.614258,9.761627,80.481407,85.009438

20.3114929,0.787239,9.585947,1.616651,9.753138,80.458786,85.305161

20.3140068,0.796810,9.576375,1.604687,9.742529,80.519646,85.243614

20.3165226,0.827917,9.595518,1.619044,9.766305,80.457535,85.068642

20.3190365,0.811167,9.619446,1.611865,9.787228,80.520737,85.179893

20.3215542,0.832702,9.588340,1.635793,9.762452,80.354034,85.036583

20.3240681,0.839881,9.617053,1.628615,9.790071,80.424118,85.008881

20.3265839,0.811167,9.602696,1.580758,9.765683,80.684624,85.171524

20.3291035,0.808774,9.621839,1.585544,9.785083,80.674858,85.195236

20.3316174,0.830309,9.631411,1.592723,9.797462,80.644203,85.072800

20.3341331,0.832702,9.645767,1.573580,9.808688,80.768311,85.065987

20.3366470,0.823131,9.664909,1.580758,9.827859,80.744072,85.132042

20.3391628,0.803988,9.650553,1.578366,9.811769,80.742920,85.237679

20.3416767,0.832702,9.638589,1.599901,9.805890,80.609802,85.062332

20.3441925,0.789631,9.645767,1.566401,9.803977,80.806335,85.320030

20.3467102,0.803988,9.633803,1.566401,9.793374,80.796295,85.229439

20.3492222,0.799203,9.648160,1.585544,9.810182,80.698929,85.264732

20.3517380,0.787239,9.645767,1.592723,9.808024,80.654366,85.334152

20.3542519,0.799203,9.681660,1.640579,9.852145,80.414459,85.281044

20.3567677,0.799203,9.643374,1.621436,9.811343,80.487579,85.262390

20.3592815,0.784846,9.643374,1.616651,9.809394,80.514015,85.347122

20.3617973,0.801596,9.655338,1.566401,9.814363,80.816147,85.254135

20.3643112,0.815953,9.648160,1.619044,9.817030,80.507301,85.165955

20.3668270,0.815953,9.672089,1.633401,9.842920,80.447762,85.177856

20.3693428,0.789631,9.652946,1.609472,9.818008,80.564880,85.323494

20.3718567,0.794417,9.691231,1.602294,9.854866,80.642792,85.313782

20.3743725,0.801596,9.626625,1.602294,9.791926,80.582100,85.240044

20.3768864,0.787239,9.655338,1.631008,9.823721,80.443069,85.338753

20.3794022,0.787239,9.686445,1.602294,9.849585,80.637726,85.353661

20.3819180,0.796810,9.643374,1.590330,9.806055,80.666641,85.276512

20.3844337,0.787239,9.648160,1.604687,9.812326,80.587692,85.335304

20.3869476,0.758525,9.679267,1.585544,9.837557,80.725037,85.519119

20.3894558,0.789631,9.688838,1.568794,9.846736,80.832497,85.340744

20.3919697,0.758525,9.669696,1.564009,9.824689,80.840019,85.514702

20.3944855,0.760918,9.696016,1.597508,9.856153,80.672218,85.512779

20.3969994,0.780060,9.684052,1.571187,9.841646,80.813606,85.394714

20.3995152,0.780060,9.667302,1.599901,9.829798,80.632851,85.386765

20.4020309,0.792024,9.664909,1.592723,9.827235,80.672798,85.315170

20.4045448,0.765703,9.664909,1.623829,9.830239,80.491890,85.470200

20.4070606,0.751346,9.686445,1.645365,9.853881,80.387939,85.564636

20.4095974,0.777667,9.672089,1.559223,9.827779,80.871185,85.403122

20.4121132,0.792024,9.655338,1.549353,9.810880,80.913704,85.310547

20.4146290,0.777667,9.664909,1.587937,9.825314,80.699242,85.399719

20.4171448,0.751346,9.614660,1.559223,9.769206,80.815979,85.531654

20.4196587,0.789631,9.624231,1.571187,9.783557,80.758583,85.309608

20.4221745,0.770489,9.636196,1.580758,9.795341,80.713074,85.428482

20.4246902,0.777667,9.638589,1.552045,9.793672,80.881653,85.387215

20.4272060,0.803988,9.636196,1.552045,9.793443,80.881439,85.230621

20.4297218,0.806381,9.652946,1.556830,9.810879,80.869476,85.224754

20.4322357,0.789631,9.624231,1.604687,9.788992,80.565056,85.309608

20.4347515,0.763310,9.624231,1.597508,9.785729,80.604485,85.465286

20.4372654,0.760918,9.650553,1.597508,9.811432,80.629318,85.491722

20.4397831,0.780060,9.605089,1.587937,9.766666,80.642891,85.357018

20.4422970,0.777667,9.660124,1.619044,9.825684,80.515739,85.397453

20.4448128,0.763310,9.652946,1.599901,9.814362,80.617981,85.478722

20.4473305,0.748953,9.624231,1.554437,9.777680,80.852409,85.550232

20.4498425,0.748953,9.667302,1.587937,9.825437,80.699356,85.569984

20.4523582,0.739382,9.645767,1.573580,9.801207,80.761200,85.616646

20.4548740,0.751346,9.657731,1.595115,9.817367,80.649185,85.551498

20.4573898,0.756132,9.676874,1.544567,9.828495,80.958374,85.532097

20.4599037,0.744168,9.660124,1.587937,9.818010,80.692261,85.594917

20.4624195,0.763310,9.700802,1.609472,9.862991,80.608307,85.500938

20.4649334,0.784846,9.684052,1.580758,9.843558,80.758965,85.366577

20.4674511,0.789631,9.679267,1.609472,9.843888,80.589912,85.336159

20.4699650,0.770489,9.703195,1.592723,9.863184,80.707100,85.459915

20.4724789,0.784846,9.691231,1.573580,9.849471,80.806870,85.369995

20.4749947,0.784846,9.703195,1.566401,9.860101,80.859116,85.375679

20.4775085,0.777667,9.686445,1.597508,9.848046,80.664467,85.409904

20.4800262,0.784846,9.688838,1.580758,9.848267,80.763420,85.368858

20.4825401,0.803988,9.676874,1.599901,9.841137,80.643738,85.250572

20.4850559,0.813560,9.669696,1.616651,9.837605,80.541466,85.190750

20.4875717,0.792024,9.657731,1.623829,9.825268,80.487038,85.311699

20.4900856,0.784846,9.657731,1.626222,9.825088,80.472710,85.354004

20.4926014,0.792024,9.645767,1.628615,9.814301,80.447975,85.305916

20.4951172,0.787239,9.626625,1.640579,9.797099,80.360085,85.324913

20.4976330,0.784846,9.684052,1.650150,9.854940,80.360764,85.366577

20.5001469,0.756132,9.700802,1.607080,9.862048,80.621490,85.543076

20.5026627,0.736989,9.629018,1.645365,9.796344,80.330940,85.623207

20.5051785,0.717847,9.643374,1.645365,9.809036,80.343575,85.742790

20.5076942,0.727418,9.662517,1.595115,9.820272,80.651978,85.694756

20.5102024,0.736989,9.681660,1.626222,9.844912,80.492073,85.646912

20.5127182,0.736989,9.679267,1.647758,9.846140,80.366188,85.645844

20.5152340,0.756132,9.643374,1.607080,9.805565,80.566971,85.516640

20.5177479,0.768096,9.660124,1.640579,9.828503,80.391182,85.453857

20.5202656,0.765703,9.602696,1.671686,9.777147,80.155266,85.440971

20.5227795,0.787239,9.585947,1.640579,9.757132,80.320221,85.305161

20.5252953,0.808774,9.607482,1.645365,9.780851,80.315483,85.188087

20.5278091,0.842274,9.590733,1.621436,9.763229,80.440262,84.981071

20.5303230,0.868595,9.595518,1.635793,9.772627,80.364174,84.827637

20.5328369,0.861416,9.619446,1.621436,9.793101,80.469696,84.882843

20.5353546,0.883251,9.631411,1.602294,9.803649,80.593460,84.760330

20.5378704,0.916750,9.593125,1.573580,9.764458,80.726120,84.541206

20.5403843,0.900000,9.607482,1.585544,9.778939,80.668945,84.648323

20.5429001,0.883251,9.667302,1.595115,9.837747,80.668732,84.779678

20.5454140,0.863809,9.645767,1.611865,9.817591,80.550323,84.882629

20.5479298,0.909572,9.640982,1.599901,9.815066,80.618660,84.610420

20.5504436,0.923929,9.645767,1.590330,9.819553,80.679588,84.528564

20.5529594,0.907179,9.662517,1.614258,9.838345,80.556313,84.636429

20.5554752,0.863809,9.674481,1.611865,9.845804,80.577644,84.897743

20.5579891,0.854238,9.667302,1.616651,9.838700,80.542526,84.950256

20.5605049,0.856631,9.664909,1.614258,9.836164,80.554199,84.934937

20.5630188,0.827917,9.674481,1.607080,9.841938,80.602150,85.108696

20.5655346,0.837488,9.655338,1.607080,9.823933,80.584770,85.042664

20.5680485,0.844666,9.655338,1.580758,9.820275,80.736862,85.000389

20.5705681,0.837488,9.633803,1.611865,9.803554,80.536667,85.031639

20.5730839,0.832702,9.640982,1.571187,9.803598,80.777641,85.063553

20.5755997,0.818345,9.652946,1.590330,9.817240,80.677368,85.154236

20.5781155,0.780060,9.629018,1.595115,9.791368,80.624130,85.368500

20.5806293,0.784846,9.631411,1.585544,9.792548,80.682030,85.341370

20.5831451,0.777667,9.619446,1.583151,9.779819,80.683998,85.378075

20.5856590,0.818345,9.626625,1.628615,9.797652,80.431595,85.141052

20.5881748,0.799203,9.626625,1.602294,9.791730,80.581909,85.254189

20.5906925,0.787239,9.638589,1.592723,9.800964,80.647575,85.330688

20.5932083,0.806381,9.624231,1.546960,9.781061,80.899963,85.210571

20.5957241,0.780060,9.624231,1.592723,9.786271,80.633408,85.366211

20.5982380,0.813560,9.602696,1.580758,9.765882,80.684814,85.157349

20.6007538,0.792024,9.593125,1.583151,9.755087,80.660172,85.280273

20.6032677,0.796810,9.617053,1.595115,9.780951,80.614059,85.263641

20.6057835,0.823131,9.645767,1.609472,9.813704,80.560707,85.122429

20.6083012,0.842274,9.662517,1.621436,9.833754,80.509460,85.018166

20.6108150,0.799203,9.672089,1.616651,9.838779,80.542603,85.276390

20.6133308,0.830309,9.640982,1.619044,9.811179,80.501587,85.077667

20.6158447,0.811167,9.684052,1.623829,9.852699,80.513771,85.211899

20.6183624,0.815953,9.657731,1.571187,9.818665,80.791916,85.170723

20.6208763,0.815953,9.650553,1.585544,9.813913,80.702492,85.167145

20.6233921,0.801596,9.667302,1.602294,9.831919,80.620758,85.259979

20.6259079,0.818345,9.719945,1.590330,9.883125,80.740067,85.187485

20.6284218,0.811167,9.681660,1.599901,9.846432,80.648811,85.210724

20.6309376,0.789631,9.657731,1.614258,9.823498,80.541908,85.325806

20.6334515,0.808774,9.717552,1.592723,9.880369,80.723404,85.242340

20.6359692,0.811167,9.686445,1.592723,9.849974,80.694527,85.213081

20.6384830,0.847059,9.652946,1.583151,9.818515,80.721039,84.985062

20.6409988,0.844666,9.691231,1.539781,9.849078,81.005615,85.018814

20.6435146,0.847059,9.669696,1.609472,9.839254,80.585442,84.993706

20.6460285,0.847059,9.626625,1.616651,9.798111,80.502991,84.971420

20.6485443,0.835095,9.612267,1.633401,9.785758,80.391434,85.034721

20.6510601,0.873679,9.633803,1.633401,9.810274,80.415672,84.818085

20.6535759,0.818345,9.633803,1.621436,9.803515,80.479912,85.144653

20.6560898,0.856631,9.638589,1.616651,9.810698,80.515282,84.921173

20.6586075,0.859023,9.655338,1.597508,9.824231,80.641640,84.915855

20.6611233,0.837488,9.633803,1.607080,9.802768,80.564255,85.031639

20.6636372,0.835095,9.667302,1.631008,9.839426,80.458466,85.062851

20.6661530,0.866202,9.662517,1.628615,9.837018,80.470245,84.877380

20.6686668,0.815953,9.648160,1.602294,9.814281,80.603745,85.165955

20.6711845,0.847059,9.638589,1.556830,9.800185,80.859428,84.977631

20.6736984,0.813560,9.681660,1.571187,9.842004,80.813942,85.196663

20.6762142,0.780060,9.674481,1.595115,9.836081,80.667137,85.390175

20.6787300,0.827917,9.667302,1.595115,9.832933,80.664124,85.105080

20.6812458,0.820738,9.650553,1.611865,9.818600,80.551300,85.138939

20.6837616,0.811167,9.645767,1.587937,9.809197,80.683823,85.192986

20.6862755,0.813560,9.629018,1.587937,9.792927,80.668205,85.170525

20.6887913,0.789631,9.650553,1.614258,9.816442,80.535042,85.322342

20.6913071,0.777667,9.650553,1.619044,9.816274,80.506561,85.392906

20.6938229,0.820738,9.650553,1.604687,9.817424,80.592628,85.138939

20.6963387,0.806381,9.643374,1.554437,9.801082,80.874435,85.220032

20.6988525,0.784846,9.652946,1.566401,9.810656,80.812645,85.351715

20.7013683,0.803988,9.633803,1.611865,9.800749,80.533936,85.229439

20.7038841,0.832702,9.624231,1.614258,9.794133,80.513290,85.055000

20.7063999,0.815953,9.624231,1.611865,9.792330,80.525719,85.153992

20.7089138,0.820738,9.624231,1.611865,9.792729,80.526108,85.125702

20.7114353,0.794417,9.669696,1.583151,9.830589,80.732536,85.303391

20.7139511,0.768096,9.624231,1.583151,9.783771,80.687798,85.436981

20.7164650,0.813560,9.614660,1.597508,9.780368,80.599289,85.163345

20.7189808,0.813560,9.626625,1.559223,9.785957,80.831833,85.169334

20.7214966,0.772882,9.638589,1.575973,9.797113,80.743126,85.415482

20.7240124,0.811167,9.645767,1.587937,9.809197,80.683823,85.192986

20.7265282,0.751346,9.638589,1.578366,9.795824,80.727722,85.542702

20.7290421,0.799203,9.633803,1.602294,9.798787,80.588753,85.257706

20.7315578,0.803988,9.643374,1.604687,9.808980,80.584457,85.234154

20.7340717,0.796810,9.657731,1.597508,9.821339,80.638855,85.283501

20.7365894,0.787239,9.636196,1.573580,9.795518,80.755791,85.329536

20.7391033,0.835095,9.669696,1.592723,9.835505,80.680710,85.064064

20.7416191,0.847059,9.593125,1.599901,9.762441,80.567627,84.953949

20.7441349,0.808774,9.617053,1.587937,9.780766,80.656502,85.192856

20.7466488,0.780060,9.612267,1.578366,9.772176,80.705078,85.360466

20.7491665,0.825524,9.631411,1.585544,9.795892,80.685242,85.101059

20.7516785,0.794417,9.643374,1.573580,9.803159,80.763054,85.290634

20.7541943,0.789631,9.667302,1.542174,9.821332,80.965858,85.330414

20.7567081,0.794417,9.669696,1.573580,9.829052,80.787598,85.303391

20.7592239,0.777667,9.664909,1.571187,9.822620,80.795654,85.399719

20.7617378,0.813560,9.684052,1.546960,9.840520,80.955414,85.197845

20.7642555,0.815953,9.700802,1.595115,9.864874,80.694618,85.192062

20.7667713,0.792024,9.710373,1.571187,9.868499,80.838814,85.337006

20.7692852,0.753739,9.667302,1.566401,9.822346,80.823677,85.541786

20.7718048,0.772882,9.688838,1.568794,9.845407,80.831253,85.439156

20.7743187,0.770489,9.679267,1.561616,9.834659,80.863503,85.448738

20.7768345,0.744168,9.655338,1.573580,9.810988,80.770493,85.592743

20.7793522,0.763310,9.655338,1.568794,9.811692,80.799469,85.479836

20.7818661,0.717847,9.664909,1.578366,9.819217,80.750000,85.752243

20.7843819,0.708275,9.652946,1.568794,9.805209,80.793335,85.803497

20.7868958,0.715454,9.672089,1.530210,9.818488,81.033913,85.769478

20.7894135,0.689133,9.657731,1.530210,9.802460,81.019127,85.918541

20.7919273,0.715454,9.640982,1.527817,9.787473,81.019447,85.755882

20.7944431,0.744168,9.638589,1.552045,9.791069,80.879211,85.585114

20.7969589,0.770489,9.667302,1.544567,9.820187,80.950661,85.443130

20.7994728,0.763310,9.672089,1.564009,9.827414,80.842583,85.487633

20.8019886,0.760918,9.664909,1.592723,9.824777,80.670448,85.498390

20.8045044,0.744168,9.645767,1.609472,9.807396,80.554581,85.588387

20.8070202,0.744168,9.636196,1.573580,9.792150,80.752579,85.584023

20.8095341,0.760918,9.655338,1.546960,9.808039,80.925209,85.493950

20.8120499,0.784846,9.667302,1.554437,9.822881,80.894867,85.358589

20.8145657,0.765703,9.650553,1.578366,9.808706,80.740005,85.463486

20.8170795,0.789631,9.633803,1.590330,9.796062,80.657036,85.314247

20.8195953,0.780060,9.664909,1.583151,9.824731,80.726959,85.385628

20.8221092,0.780060,9.662517,1.592723,9.823924,80.669632,85.384491

20.8246269,0.794417,9.629018,1.587937,9.791355,80.666695,85.283638

20.8271408,0.792024,9.617053,1.568794,9.776304,80.765877,85.291962

20.8296566,0.789631,9.662517,1.580758,9.822757,80.739227,85.328110

20.8321743,0.806381,9.645767,1.573580,9.806489,80.766220,85.221214

20.8346901,0.772882,9.672089,1.566401,9.828543,80.829514,85.431290

20.8372059,0.753739,9.669696,1.578366,9.826616,80.757027,85.542885

20.8397198,0.741775,9.621839,1.578366,9.778612,80.711250,85.591621

20.8422356,0.760918,9.619446,1.571187,9.776572,80.751923,85.477203

20.8447514,0.760918,9.648160,1.614258,9.811820,80.530548,85.490608

20.8472672,0.789631,9.648160,1.604687,9.812519,80.587883,85.321190

20.8497829,0.808774,9.626625,1.549353,9.783993,80.888519,85.197617

20.8522949,0.806381,9.657731,1.568794,9.817492,80.804955,85.227104

20.8548107,0.796810,9.645767,1.564009,9.804175,80.820686,85.277679

20.8573246,0.827917,9.657731,1.556830,9.817379,80.875572,85.100250

20.8598404,0.847059,9.624231,1.580758,9.789900,80.707870,84.970177

20.8623562,0.823131,9.648160,1.546960,9.805999,80.923302,85.123627

20.8648720,0.827917,9.662517,1.554437,9.821708,80.893768,85.102669

20.8673859,0.837488,9.657731,1.523032,9.812888,81.071182,85.043892

20.8699017,0.839881,9.674481,1.530210,9.830693,81.045135,85.038361

20.8724194,0.818345,9.691231,1.571187,9.851815,80.823174,85.173286

20.8749332,0.825524,9.696016,1.580758,9.858652,80.773239,85.133545

20.8774490,0.801596,9.648160,1.534996,9.802334,80.990692,85.250618

20.8799629,0.803988,9.652946,1.583151,9.814894,80.717583,85.238853

20.8824787,0.806381,9.664909,1.575973,9.825702,80.770294,85.230637

20.8849964,0.813560,9.674481,1.590330,9.838019,80.697235,85.193115

20.8875103,0.794417,9.691231,1.583151,9.851772,80.752640,85.313782

20.8900261,0.808774,9.643374,1.561616,9.802420,80.833199,85.205917

20.8925400,0.815953,9.660124,1.587937,9.823712,80.697708,85.171913

20.8950558,0.792024,9.674481,1.628615,9.842525,80.475624,85.319786

20.8975697,0.777667,9.664909,1.583151,9.824541,80.726784,85.399719

20.9000874,0.758525,9.633803,1.619044,9.798307,80.488991,85.498062

20.9026012,0.770489,9.645767,1.626222,9.812190,80.460075,85.432999

20.9051380,0.803988,9.679267,1.580758,9.840397,80.755974,85.251747

20.9076748,0.787239,9.660124,1.583151,9.820596,80.723022,85.341057

20.9102097,0.768096,9.633803,1.638186,9.802234,80.379372,85.441490

20.9127274,0.782453,9.640982,1.597508,9.803713,80.621872,85.360100

20.9152527,0.787239,9.626625,1.638186,9.796699,80.373878,85.324913

20.9177685,0.794417,9.629018,1.587937,9.791355,80.666695,85.283638

20.9202747,0.777667,9.645767,1.587937,9.806484,80.681221,85.390633

20.9227810,0.775275,9.626625,1.604687,9.790198,80.566223,85.395653

20.9252968,0.772882,9.679267,1.587937,9.839060,80.712349,85.434662

20.9278126,0.775275,9.626625,1.609472,9.790984,80.538597,85.395653

20.9303284,0.780060,9.652946,1.640579,9.822391,80.385147,85.379936

20.9328480,0.799203,9.650553,1.595115,9.814086,80.646034,85.265900

20.9353638,0.832702,9.648160,1.580758,9.812195,80.729164,85.067207

20.9378796,0.792024,9.633803,1.602294,9.798204,80.588188,85.300110

20.9403954,0.770489,9.648160,1.607080,9.811388,80.572624,85.434128

20.9429111,0.741775,9.652946,1.571187,9.808069,80.781883,85.605774

20.9454250,0.760918,9.652946,1.568794,9.809153,80.797066,85.492836

20.9479408,0.756132,9.655338,1.607080,9.817331,80.578384,85.522171

20.9504585,0.768096,9.679267,1.609472,9.842184,80.588272,85.462814

20.9529724,0.744168,9.640982,1.595115,9.800343,80.632797,85.586205

20.9554882,0.729811,9.645767,1.614258,9.807103,80.525948,85.673172

20.9579411,0.717847,9.652946,1.597508,9.810540,80.628456,85.746994

20.9604568,0.734597,9.684052,1.573580,9.838529,80.796555,85.662064

20.9629688,0.770489,9.688838,1.583151,9.847518,80.748611,85.453217

20.9654827,0.751346,9.669696,1.566401,9.824518,80.825722,85.556984

20.9679966,0.734597,9.652946,1.587937,9.810226,80.684807,85.648132

20.9705105,0.736989,9.655338,1.580758,9.811601,80.728600,85.635094

20.9730244,0.777667,9.700802,1.602294,9.862945,80.650520,85.416672

20.9755383,0.775275,9.688838,1.635793,9.856493,80.446938,85.425095

20.9780712,0.741775,9.688838,1.592723,9.846856,80.691551,85.621986

20.9805832,0.744168,9.719945,1.607080,9.879971,80.638657,85.621925

20.9830990,0.734597,9.717552,1.564009,9.869984,80.882416,85.676956

20.9856129,0.772882,9.727123,1.554437,9.880817,80.948700,85.457031

20.9881268,0.775275,9.734302,1.525424,9.883552,81.121498,85.446373

20.9906406,0.770489,9.734302,1.544567,9.886150,81.011543,85.474365

20.9931564,0.780060,9.736694,1.534996,9.887766,81.069176,85.419502

20.9956703,0.734597,9.794421,1.520639,9.938947,81.199295,85.710762

20.9981899,0.741775,9.803992,1.527817,9.950011,81.167328,85.673218

21.0007057,0.770489,9.801600,1.532603,9.950571,81.139946,85.505310

21.0032196,0.736989,9.820743,1.537389,9.967632,81.127388,85.708328

21.0057335,0.732204,9.792028,1.501496,9.933501,81.306145,85.723640

21.0082474,0.729811,9.823135,1.448854,9.956193,81.632439,85.751007

21.0107632,0.710668,9.835099,1.420140,9.962481,81.804634,85.867081

21.0132790,0.696311,9.806385,1.465604,9.939719,81.520866,85.938477

21.0157909,0.686740,9.803992,1.482354,9.939178,81.422768,85.993149

21.0183163,0.662812,9.782457,1.494318,9.918103,81.334496,86.123840

21.0208321,0.662812,9.808778,1.503889,9.945507,81.302780,86.134209

21.0233459,0.653241,9.765409,1.494318,9.900652,81.319099,86.172997

21.0258598,0.607777,9.746265,1.537389,9.885477,81.053047,86.431656

21.0283737,0.607777,9.770494,1.513460,9.905680,81.211517,86.440483

21.0308895,0.605384,9.763016,1.482354,9.893450,81.382820,86.451752

21.0334034,0.600299,9.751051,1.482354,9.881332,81.372169,86.477173

21.0359192,0.595514,9.731909,1.489532,9.863235,81.314041,86.498329

21.0384369,0.569193,9.698409,1.549353,9.837867,80.938843,86.641205

21.0409527,0.540479,9.676874,1.530210,9.812011,81.027946,86.803200

21.0434685,0.595514,9.681660,1.518246,9.818057,81.104187,86.480202

21.0459824,0.607777,9.693624,1.549353,9.835458,80.936600,86.412331

21.0484982,0.562014,9.705587,1.525424,9.840793,81.082603,86.685913

21.0510120,0.576371,9.698409,1.552045,9.838709,80.923744,86.598946

21.0535259,0.562014,9.657731,1.566401,9.800063,80.802628,86.669533

21.0560398,0.554836,9.722338,1.506282,9.853963,81.207268,86.733780

21.0585613,0.538086,9.731909,1.515853,9.863944,81.159973,86.835289

21.0610771,0.516551,9.736694,1.534996,9.870474,81.053398,86.963196

21.0635910,0.530908,9.765409,1.559223,9.903345,80.941429,86.888115

21.0661068,0.504586,9.811171,1.527817,9.942228,81.160362,87.055885

21.0686207,0.502194,9.832706,1.489532,9.957561,81.396942,87.076225

21.0711365,0.502194,9.861421,1.444068,9.979236,81.679672,87.084724

21.0736504,0.471087,9.887741,1.460818,10.006165,81.605286,87.272285

21.0761662,0.518943,9.921241,1.441676,10.038862,81.743233,87.005798

21.0786858,0.545264,9.947562,1.444068,10.066610,81.752396,86.862534

21.0811996,0.585942,9.993026,1.441676,10.113473,81.804565,86.644295

21.0837154,0.573978,10.012168,1.448854,10.132726,81.779236,86.718933

21.0862293,0.607777,10.016953,1.422533,10.135696,81.931969,86.527847

21.0887451,0.631705,10.041182,1.446461,10.164478,81.818726,86.400185

21.0912590,0.638884,10.050753,1.465604,10.177121,81.720062,86.362846

21.0937748,0.638884,10.050753,1.496711,10.181647,81.546837,86.362846

21.0962906,0.679562,10.062716,1.465604,10.191568,81.731888,86.136536

21.0988064,0.698704,10.041182,1.432104,10.166830,81.902359,86.019554

21.1013222,0.679562,9.973883,1.444068,10.100766,81.780472,86.102226

21.1038380,0.693919,9.969097,1.444068,10.097017,81.777405,86.018234

21.1063766,0.679562,9.957133,1.434497,10.082861,81.820724,86.095688

21.1089134,0.653241,9.918848,1.467997,10.048148,81.599236,86.232025

21.1114502,0.619741,9.880563,1.523032,10.016448,81.254074,86.410927

21.1139660,0.605384,9.823135,1.556830,9.964146,81.011093,86.473412

21.1164589,0.595514,9.755837,1.542174,9.894913,81.033600,86.506897

21.1189728,0.578764,9.794421,1.544567,9.932339,81.053688,86.618256

21.1214962,0.554836,9.748658,1.527817,9.883239,81.107170,86.742577

21.1240215,0.492622,9.691231,1.552045,9.827079,80.912918,87.090057

21.1265373,0.471087,9.707980,1.566401,9.844817,80.844803,87.221855

21.1290417,0.475873,9.700802,1.587937,9.841421,80.714600,87.191605

21.1315556,0.473480,9.645767,1.633401,9.794539,80.400131,87.189789

21.1340733,0.483051,9.605089,1.654936,9.758580,80.236145,87.120956

21.1365891,0.473480,9.571589,1.659722,9.725954,80.174461,87.168045

21.1391029,0.478265,9.554840,1.690828,9.715071,79.977097,87.134460

21.1416187,0.471087,9.576375,1.674079,9.733006,80.095871,87.183739

21.1441326,0.497408,9.494720,1.647758,9.649468,80.167900,87.001137

21.1466484,0.533300,9.480363,1.678864,9.642628,79.973213,86.780327

21.1491623,0.545264,9.489935,1.626222,9.643691,80.291786,86.711563

21.1516781,0.523729,9.485149,1.635793,9.639407,80.229706,86.839584

21.1541481,0.564407,9.533304,1.650150,9.691514,80.196625,86.611832

21.1566620,0.576371,9.482756,1.611865,9.636024,80.370583,86.521782

21.1591759,0.557229,9.482756,1.609472,9.634499,80.383476,86.637039

21.1616898,0.583550,9.494720,1.590330,9.644656,80.509018,86.483002

21.1642036,0.533300,9.540483,1.575973,9.684467,80.634491,86.800568

21.1667175,0.547657,9.554840,1.575973,9.699411,80.649055,86.719551

21.1692333,0.569193,9.593125,1.587937,9.740307,80.617340,86.604431

21.1717453,0.576371,9.581161,1.566401,9.725454,80.731453,86.557426

21.1742706,0.617348,9.612267,1.568794,9.758991,80.749352,86.325226

21.1767845,0.626920,9.612267,1.549353,9.756495,80.862625,86.268410

21.1792984,0.655633,9.605089,1.580758,9.756351,80.675629,86.095108

21.1818142,0.650848,9.612267,1.564009,9.760400,80.779160,86.126411

21.1843262,0.672383,9.648160,1.573580,9.798737,80.758850,86.013489

21.1868420,0.665205,9.674481,1.580758,9.825318,80.741661,86.066605

21.1893578,0.696311,9.638589,1.561616,9.789070,80.820587,85.868011

21.1918697,0.725025,9.652946,1.590330,9.809902,80.670334,85.704620

21.1943970,0.720240,9.590733,1.609472,9.751477,80.499916,85.705292

21.1969109,0.758525,9.590733,1.552045,9.745069,80.835785,85.477928

21.1994247,0.732204,9.602696,1.532603,9.751758,80.957809,85.639648

21.2019405,0.736989,9.573982,1.527817,9.723092,80.959480,85.598145

21.2044544,0.729811,9.523733,1.494318,9.667838,81.108383,85.617943

21.2069702,0.741775,9.523733,1.534996,9.675119,80.871223,85.546394

21.2094822,0.770489,9.509377,1.525424,9.661719,80.915939,85.367775

21.2119980,0.765703,9.451650,1.564009,9.610728,80.634277,85.368431

21.2145004,0.799203,9.420543,1.621436,9.592414,80.268387,85.150856

21.2170143,0.844666,9.389436,1.597508,9.561747,80.382332,84.859550

21.2195282,0.830309,9.418150,1.539781,9.579243,80.750069,84.961800

21.2220440,0.815953,9.444471,1.527817,9.601981,80.844482,85.062210

21.2245579,0.794417,9.396614,1.525424,9.552715,80.811394,85.167542

21.2270718,0.784846,9.425328,1.501496,9.576392,80.979294,85.239967

21.2295856,0.808774,9.439685,1.534996,9.597811,80.797058,85.102966

21.2321014,0.803988,9.418150,1.542174,9.577382,80.733749,85.120728

21.2346401,0.777667,9.434899,1.534996,9.590532,80.790016,85.288071

21.2371559,0.792024,9.439685,1.559223,9.600319,80.652977,85.203903

21.2396698,0.808774,9.463614,1.616651,9.634711,80.340393,85.115288

21.2421856,0.815953,9.504591,1.599901,9.672782,80.479393,85.093285

21.2446995,0.813560,9.550055,1.607080,9.718443,80.481628,85.130783

21.2472153,0.823131,9.542876,1.616651,9.713784,80.419769,85.070091

21.2497292,0.815953,9.593125,1.537389,9.749739,80.927444,85.138351

21.2522449,0.827917,9.609875,1.532603,9.766474,80.971550,85.075974

21.2547626,0.787239,9.576375,1.503889,9.725656,81.104599,85.300491

21.2572765,0.818345,9.602696,1.503889,9.754134,81.130775,85.128998

21.2597923,0.820738,9.597911,1.496711,9.748521,81.168327,85.112404

21.2623081,0.820738,9.590733,1.542174,9.748542,80.897835,85.108765

21.2648239,0.842274,9.597911,1.513460,9.752942,81.072769,84.984802

21.2673378,0.818345,9.583553,1.484746,9.732351,81.224815,85.119316

21.2698536,0.801596,9.573982,1.534996,9.729332,80.922523,85.213989

21.2723694,0.825524,9.597911,1.552045,9.757573,80.847633,85.084045

21.2748852,0.792024,9.566804,1.534996,9.721484,80.915131,85.267342

21.2774029,0.787239,9.557233,1.534996,9.711676,80.905884,85.291122

21.2799168,0.792024,9.588340,1.544567,9.744191,80.879486,85.277924

21.2824326,0.760918,9.607482,1.482354,9.750901,81.255867,85.471596

21.2849464,0.765703,9.595518,1.539781,9.748395,80.911942,85.437576

21.2874622,0.782453,9.626625,1.575973,9.786104,80.732620,85.353210

21.2899780,0.765703,9.633803,1.595115,9.794941,80.627586,85.455635

21.2924919,0.739382,9.617053,1.585544,9.774883,80.665039,85.603607

21.2950058,0.741775,9.657731,1.592723,9.816250,80.662270,85.607941

21.2975197,0.777667,9.681660,1.583151,9.841020,80.742447,85.407646

21.3000355,0.770489,9.703195,1.587937,9.862412,80.734535,85.459915

21.3025494,0.760918,9.712767,1.590330,9.871473,80.729042,85.520485

21.3050652,0.763310,9.751051,1.642972,9.917912,80.464592,85.524025

21.3075790,0.760918,9.760623,1.616651,9.922818,80.623428,85.542358

21.3100948,0.746561,9.772886,1.568794,9.926116,80.906433,85.631599

21.3126106,0.746561,9.792028,1.592723,9.948766,80.787735,85.640106

21.3151264,0.736989,9.806385,1.571187,9.958763,80.922554,85.702072

21.3176422,0.691526,9.844670,1.546960,9.989436,81.091347,85.981934

21.3201561,0.713061,9.796814,1.552045,9.944590,81.021187,85.837067

21.3226719,0.710668,9.758230,1.568794,9.909047,80.890640,85.834641

21.3251858,0.720240,9.775279,1.564009,9.925772,80.934090,85.786079

21.3277016,0.710668,9.811171,1.590330,9.964602,80.816437,85.857040

21.3302155,0.717847,9.792028,1.597508,9.947419,80.758553,85.807190

21.3327312,0.744168,9.751051,1.595115,9.908642,80.736084,85.635834

21.3352489,0.696311,9.753445,1.611865,9.910229,80.639450,85.916504

21.3377628,0.717847,9.727123,1.592723,9.882763,80.725670,85.779312

21.3402786,0.696311,9.748658,1.602294,9.903965,80.689590,85.914505

21.3427925,0.674776,9.751051,1.607080,9.905605,80.663094,86.041428

21.3453083,0.686740,9.743873,1.633401,9.903669,80.506897,85.968506

21.3478222,0.701097,9.787243,1.611865,9.943830,80.671364,85.902687

21.3503380,0.717847,9.765409,1.616651,9.924317,80.624855,85.795799

21.3528538,0.717847,9.758230,1.623829,9.918427,80.577209,85.792717

21.3553696,0.744168,9.780065,1.642972,9.944989,80.490799,85.648735

21.3578854,0.720240,9.772886,1.578366,9.925689,80.850082,85.785049

21.3603992,0.720240,9.758230,1.573580,9.910498,80.863960,85.778740

21.3629150,0.736989,9.784850,1.592723,9.940987,80.780464,85.692650

21.3654289,0.746561,9.799207,1.614258,9.959299,80.672035,85.643288

21.3679447,0.753739,9.806385,1.585544,9.962292,80.842171,85.604767

21.3704586,0.768096,9.794421,1.575973,9.950093,80.886673,85.515938

21.3729744,0.780060,9.772886,1.587937,9.931734,80.799767,85.436394

21.3754921,0.803988,9.736694,1.607080,9.901127,80.658836,85.279625

21.3780060,0.794417,9.727123,1.592723,9.888619,80.731209,85.331001

21.3805218,0.772882,9.753445,1.556830,9.907106,80.958908,85.469238

21.3830357,0.784846,9.734302,1.578366,9.892616,80.819229,85.390396

21.3855515,0.808774,9.679267,1.578366,9.840405,80.770096,85.223610

21.3880653,0.815953,9.655338,1.592723,9.819781,80.665657,85.169533

21.3905811,0.789631,9.621839,1.609472,9.787426,80.535133,85.308441

21.3930969,0.806381,9.588340,1.587937,9.752337,80.629021,85.192726

21.3956146,0.796810,9.538090,1.619044,9.707284,80.398972,85.224609

21.3981304,0.780060,9.583553,1.621436,9.751002,80.428162,85.346626

21.4006443,0.820738,9.542876,1.628615,9.715580,80.349998,85.084351

21.4031601,0.763310,9.480363,1.640579,9.651499,80.213242,85.396767

21.4056740,0.756132,9.470792,1.621436,9.638293,80.315155,85.435287

21.4081917,0.758525,9.461221,1.623829,9.629479,80.291763,85.416290

21.4107075,0.746561,9.485149,1.666900,9.659398,80.062859,85.499619

21.4132214,0.777667,9.473185,1.666900,9.650106,80.053192,85.307030

21.4157372,0.801596,9.449257,1.650150,9.625695,80.128922,85.151115

21.4182510,0.806381,9.473185,1.609472,9.642712,80.391747,85.134567

21.4207668,0.799203,9.497113,1.609472,9.665624,80.414742,85.189766

21.4232807,0.777667,9.511769,1.621436,9.680267,80.357552,85.325981

21.4257984,0.744168,9.487542,1.623829,9.654225,80.316887,85.515114

21.4283142,0.741775,9.521340,1.604687,9.684068,80.461876,85.545280

21.4308281,0.744168,9.552447,1.628615,9.718819,80.353241,85.545464

21.4333439,0.736989,9.585947,1.669293,9.758078,80.150093,85.603622

21.4358578,0.725025,9.619446,1.642972,9.785641,80.334480,85.689720

21.4383736,0.746561,9.633803,1.607080,9.795418,80.557114,85.568787

21.4408894,0.727418,9.696016,1.575973,9.850155,80.793411,85.709572

21.4434052,0.689133,9.703195,1.611865,9.860273,80.591599,85.937607

21.4459209,0.643669,9.739087,1.635793,9.896461,80.485878,86.218742

21.4484348,0.653241,9.770494,1.626222,9.926422,80.570862,86.174980

21.4509506,0.734597,9.770494,1.614258,9.930156,80.644409,85.700294

21.4534645,0.722632,9.768100,1.599901,9.924599,80.723122,85.769035

21.4559803,0.660419,9.784850,1.559223,9.930288,80.966209,86.138733

21.4584942,0.691526,9.748658,1.494318,9.886735,81.306786,85.942490

21.4610100,0.698704,9.760623,1.477568,9.896523,81.413536,85.905525

21.4635239,0.662812,9.772886,1.475175,9.905794,81.435631,86.120056

21.4660397,0.696311,9.789636,1.441676,9.919690,81.643333,85.931549

21.4685555,0.732204,9.784850,1.448854,9.918598,81.600494,85.720512

21.4710693,0.720240,9.801600,1.451247,9.934597,81.600166,85.797356

21.4735870,0.744168,9.780065,1.456033,9.915820,81.556190,85.648735

21.4761028,0.782453,9.794421,1.451247,9.932222,81.598145,85.432480

21.4786186,0.777667,9.799207,1.451247,9.936565,81.601845,85.462502

21.4811344,0.758525,9.832706,1.458425,9.969176,81.587814,85.588768

21.4836502,0.815953,9.847063,1.463211,9.988564,81.576508,85.263145

21.4861660,0.811167,9.866206,1.482354,10.009865,81.483788,85.299904

21.4886799,0.842274,9.894919,1.513460,10.045368,81.334679,85.134605

21.4911957,0.847059,9.933205,1.530210,10.086011,81.273613,85.125862

21.4937096,0.863809,9.969097,1.530210,10.122776,81.305550,85.047768

21.4962254,0.868595,9.947562,1.539781,10.103434,81.233864,85.009743

21.4987392,0.885643,9.952348,1.496711,10.103154,81.480682,84.914734

21.5012550,0.883251,9.983455,1.460818,10.128350,81.707268,84.944122

21.5037727,0.866202,10.004990,1.460818,10.148108,81.723534,85.051842

21.5062866,0.885643,9.993026,1.520639,10.146786,81.380951,84.935326

21.5088024,0.938286,9.940384,1.549353,10.104064,81.179489,84.607758

21.5113163,0.933500,9.887741,1.534996,10.049629,81.214165,84.606705

21.5138321,0.931107,9.882956,1.542174,10.045799,81.169357,84.617859

21.5163536,0.969392,9.870992,1.520639,10.034368,81.283638,84.391190

21.5188694,0.952643,9.811171,1.503889,9.971373,81.325508,84.454094

21.5213852,0.971785,9.787243,1.487139,9.947165,81.401825,84.329628

21.5238991,0.976571,9.755837,1.564009,9.928554,80.936653,84.283669

21.5264149,0.964607,9.746265,1.580758,9.920632,80.831383,84.347733

21.5289288,0.952643,9.664909,1.552045,9.834981,80.920280,84.370705

21.5314465,0.935893,9.657731,1.592723,9.832824,80.678146,84.464973

21.5339622,0.959821,9.629018,1.595115,9.807325,80.639526,84.307556

21.5364761,0.938286,9.669696,1.614258,9.848310,80.565956,84.457733

21.5389919,0.926321,9.652946,1.640579,9.835087,80.397675,84.518532

21.5415058,0.926321,9.657731,1.657329,9.842589,80.306160,84.521233

21.5440216,0.909572,9.672089,1.664507,9.856328,80.277466,84.627655

21.5465355,0.902393,9.696016,1.676471,9.881174,80.231766,84.682884

21.5490532,0.928714,9.758230,1.659722,9.941843,80.389870,84.563400

21.5515690,0.916750,9.796814,1.645365,9.976233,80.506920,84.654037

21.5540829,0.902393,9.743873,1.623829,9.919384,80.578125,84.708855

21.5565968,0.895215,9.755837,1.587937,9.924682,80.793175,84.757111

21.5591106,0.871287,9.758230,1.638186,9.933069,80.507271,84.897743

21.5616264,0.859023,9.746265,1.700400,9.930709,80.140869,84.963043

21.5641403,0.844666,9.717552,1.676471,9.897214,80.247749,85.032234

21.5666561,0.818345,9.705587,1.678864,9.883658,80.220169,85.180397

21.5691700,0.830309,9.674481,1.628615,9.845679,80.478706,85.094627

21.5716877,0.792024,9.643374,1.527817,9.795724,81.027069,85.304756

21.5742035,0.775275,9.597911,1.436890,9.735789,81.512802,85.381943

21.5767212,0.734597,9.538090,1.405783,9.669075,81.640160,85.595940

21.5792370,0.686740,9.547662,1.441676,9.680284,81.435127,85.885941

21.5817547,0.672383,9.530911,1.420140,9.659564,81.545784,85.964607

21.5842686,0.600299,9.475577,1.429712,9.601615,81.436630,86.375023

21.5867844,0.550050,9.475577,1.453640,9.602198,81.292732,86.677750

21.5892982,0.564407,9.473185,1.482354,9.605059,81.122032,86.590378

21.5918159,0.542872,9.509377,1.491925,9.640995,81.097816,86.732643

21.5943298,0.559621,9.492328,1.503889,9.627001,81.012688,86.626022

21.5968456,0.562014,9.530911,1.513460,9.666679,80.992447,86.625320

21.5993633,0.564407,9.600304,1.448854,9.725409,81.432404,86.635422

21.6018772,0.521336,9.593125,1.444068,9.715203,81.451874,86.889336

21.6043930,0.516551,9.617053,1.484746,9.744691,81.236015,86.925484

21.6069069,0.490230,9.636196,1.537389,9.770371,80.946762,87.087662

21.6094246,0.480658,9.633803,1.590330,9.776009,80.637695,87.143715

21.6119385,0.499801,9.679267,1.623829,9.827250,80.488976,87.044090

21.6144543,0.523729,9.669696,1.623829,9.819070,80.480980,86.899780

21.6169701,0.538086,9.693624,1.631008,9.844596,80.463524,86.822815

21.6194839,0.562014,9.731909,1.609472,9.880096,80.624710,86.694862

21.6219997,0.547657,9.719945,1.614258,9.868287,80.585228,86.775154

21.6245136,0.530908,9.650553,1.619044,9.799813,80.490471,86.851151

21.6270294,0.554836,9.617053,1.654936,9.774169,80.251869,86.698097

21.6295452,0.535693,9.597911,1.662114,9.755485,80.190239,86.805435

21.6320610,0.538086,9.573982,1.686043,9.736191,80.027657,86.783195

21.6345749,0.528515,9.523733,1.733899,9.694701,79.697205,86.823662

21.6370869,0.538086,9.458828,1.705185,9.626350,79.796944,86.744118

21.6396008,0.559621,9.437292,1.714756,9.608125,79.719383,86.606392

21.6421165,0.573978,9.425328,1.707578,9.595942,79.749741,86.515137

21.6446323,0.545264,9.446864,1.729113,9.619271,79.644501,86.696602

21.6471481,0.597907,9.432507,1.714756,9.605731,79.716789,86.372993

21.6496639,0.617348,9.413364,1.688435,9.583494,79.852570,86.247795

21.6521778,0.622134,9.418150,1.686043,9.588083,79.872009,86.220711

21.6546936,0.648455,9.415757,1.666900,9.584129,79.984016,86.060310

21.6572075,0.693919,9.454042,1.647758,9.621618,80.139160,85.802071

21.6597252,0.732204,9.458828,1.681257,9.634946,79.950684,85.573586

21.6622410,0.763310,9.497113,1.666900,9.672454,80.076408,85.404854

21.6647549,0.796810,9.559626,1.638186,9.731649,80.308922,85.235321

21.6672707,0.837488,9.619446,1.607080,9.788658,80.550529,85.024261

21.6697845,0.844666,9.631411,1.568794,9.794827,80.783493,84.988029

21.6723003,0.842274,9.650553,1.503889,9.803279,81.175598,85.012024

21.6748161,0.844666,9.662517,1.503889,9.815262,81.186455,85.004082

21.6773300,0.849452,9.693624,1.537389,9.851470,81.021912,84.991966

21.6798439,0.847059,9.707980,1.549353,9.867263,80.966064,85.013351

21.6823597,0.878465,9.698409,1.578366,9.865195,80.793488,84.824371

21.6848774,0.895215,9.746265,1.532603,9.906562,81.100266,84.751991

21.6873913,0.847059,9.743873,1.573580,9.906398,80.860146,85.031624

21.6899071,0.844666,9.712767,1.552045,9.872190,80.954788,85.029800

21.6924210,0.844666,9.724730,1.532603,9.880927,81.076988,85.035889

21.6949368,0.847059,9.739087,1.472782,9.886172,81.432526,85.029198

21.6974525,0.770489,9.743873,1.436890,9.879340,81.637016,85.478790

21.6999683,0.746561,9.705587,1.417747,9.836960,81.713409,85.601433

21.7024860,0.739382,9.780065,1.391426,9.906180,81.925507,85.676605

21.7049999,0.715454,9.811171,1.412962,9.938179,81.826271,85.829239

21.7075157,0.713061,9.775279,1.415355,9.902917,81.782974,85.827927

21.7100296,0.722632,9.813564,1.436890,9.944490,81.692192,85.788567

21.7125454,0.736989,9.830314,1.463211,9.965902,81.557213,85.712494

21.7150593,0.753739,9.830314,1.479961,9.969627,81.463066,85.615425

21.7175789,0.746561,9.835099,1.484746,9.974518,81.439484,85.659126

21.7200947,0.744168,9.832706,1.506282,9.975208,81.314972,85.671936

21.7226105,0.775275,9.796814,1.527817,9.945494,81.163284,85.475304

21.7251263,0.775275,9.763016,1.554437,9.916340,80.981400,85.459709

21.7276402,0.815953,9.799207,1.515853,9.949273,81.236389,85.240120

21.7301559,0.792024,9.763016,1.491925,9.908058,81.339638,85.362038

21.7326736,0.753739,9.703195,1.482354,9.844667,81.339790,85.558212

21.7351875,0.708275,9.679267,1.477568,9.816978,81.343430,85.814873

21.7377052,0.684347,9.614660,1.537389,9.760818,80.937828,85.928696

21.7402191,0.662812,9.578768,1.546960,9.725492,80.847519,86.041672

21.7427349,0.614955,9.538090,1.532603,9.679990,80.890205,86.311035

21.7452488,0.624527,9.511769,1.559223,9.658932,80.710205,86.243446

21.7477646,0.595514,9.446864,1.564009,9.593956,80.617760,86.392944

21.7502823,0.600299,9.410972,1.607080,9.566057,80.328552,86.350212

21.7527962,0.571586,9.399008,1.631008,9.556581,80.173309,86.519936

21.7553120,0.554836,9.406186,1.616651,9.560217,80.264397,86.624245

21.7578259,0.521336,9.415757,1.597508,9.564534,80.385155,86.830856

21.7603436,0.428016,9.442079,1.566401,9.580692,80.590149,87.404518

21.7628593,0.413659,9.497113,1.537389,9.629633,80.813309,87.505981

21.7653732,0.384945,9.494720,1.564009,9.630370,80.653549,87.678322

21.7678890,0.349053,9.554840,1.537389,9.684027,80.865356,87.907829

21.7704048,0.320040,9.600304,1.571187,9.733288,80.710434,88.090668

21.7729206,0.305683,9.664909,1.580758,9.798098,80.715714,88.188446

21.7754345,0.284148,9.672089,1.597508,9.807246,80.625282,88.317245

21.7779522,0.245863,9.784850,1.549353,9.909805,81.005165,88.560638

21.7804680,0.229113,9.820743,1.511068,9.938953,81.255135,88.663559

21.7829838,0.202792,9.875777,1.499103,9.990967,81.370415,88.823639

21.7854996,0.190828,9.911670,1.487139,10.024430,81.468597,88.897034

21.7880135,0.178863,9.961919,1.475175,10.072138,81.578110,88.971382

21.7905293,0.126221,9.981061,1.439283,10.085091,81.795082,89.275475

21.7930450,0.116650,9.952348,1.400998,10.051150,81.987633,89.328476

21.7955608,0.147757,9.971490,1.403391,10.070847,81.989662,89.151054

21.7980728,0.138186,9.947562,1.463211,10.055550,81.633026,89.204132

21.8005886,0.147757,9.897313,1.427319,10.000794,81.794701,89.144699

21.8031044,0.209970,9.875777,1.501496,9.991474,81.356979,88.782013

21.8056183,0.262612,9.880563,1.487139,9.995302,81.443550,88.477516

21.8081360,0.332004,9.842278,1.484746,9.959173,81.426193,88.068008

21.8106499,0.353839,9.811171,1.436890,9.922143,81.673347,87.934532

21.8131657,0.372981,9.789636,1.405783,9.897086,81.834084,87.818108

21.8156796,0.428016,9.827921,1.408176,9.937514,81.853592,87.506287

21.8181992,0.430409,9.780065,1.379462,9.886245,81.979149,87.480110

21.8207169,0.428016,9.736694,1.386641,9.844247,81.902504,87.482948

21.8232307,0.468694,9.715159,1.381855,9.824129,81.914001,87.237991

21.8257465,0.495015,9.712767,1.386641,9.823730,81.885475,87.082420

21.8282642,0.492622,9.724730,1.377069,9.834093,81.950409,87.100067

21.8307781,0.547657,9.684052,1.403391,9.800526,81.767204,86.763229

21.8332939,0.578764,9.688838,1.389034,9.804996,81.855743,86.581490

21.8358078,0.554836,9.705587,1.422533,9.824962,81.675018,86.728157

21.8383255,0.573978,9.664909,1.484746,9.795121,81.281487,86.601318

21.8408394,0.605384,9.688838,1.546960,9.830216,80.945854,86.424660

21.8433552,0.631705,9.688838,1.580758,9.837247,80.752983,86.269638

21.8458729,0.653241,9.734302,1.573580,9.882282,80.837654,86.160805

21.8483868,0.667598,9.734302,1.554437,9.880212,80.948143,86.076683

21.8509026,0.679562,9.679267,1.561616,9.827953,80.857216,85.983971

21.8534184,0.725025,9.674481,1.578366,9.829165,80.759445,85.714149

21.8559341,0.756132,9.660124,1.532603,9.810127,81.012054,85.524384

21.8584461,0.748953,9.585947,1.532603,9.736538,80.943558,85.532539

21.8609638,0.775275,9.585947,1.568794,9.744360,80.735336,85.376198

21.8634796,0.775275,9.516555,1.549353,9.672971,80.783035,85.342636

21.8659935,0.794417,9.514162,1.542174,9.671022,80.824249,85.226967

21.8685112,0.794417,9.518948,1.527817,9.673453,80.912704,85.229355

21.8710251,0.765703,9.470792,1.477568,9.615893,81.160973,85.377754

21.8735409,0.758525,9.502198,1.503889,9.650327,81.034592,85.435974

21.8760548,0.727418,9.504591,1.530210,9.654426,80.880257,85.623497

21.8785744,0.715454,9.502198,1.537389,9.652316,80.835091,85.694122

21.8810902,0.725025,9.528519,1.515853,9.675544,80.986420,85.648750

21.8836060,0.713061,9.511769,1.568794,9.666609,80.660156,85.712776

21.8861217,0.705883,9.502198,1.599901,9.661766,80.468437,85.751518

21.8886356,0.744168,9.521340,1.599901,9.683460,80.489983,85.530968

21.8911514,0.725025,9.526126,1.575973,9.682791,80.632858,85.647659

21.8936691,0.768096,9.557233,1.549353,9.712423,80.820801,85.405128

21.8961830,0.729811,9.523733,1.525424,9.672695,80.926338,85.617943

21.8986969,0.729811,9.497113,1.463211,9.636845,81.266716,85.605713

21.9012108,0.669990,9.492328,1.475175,9.629606,81.188065,85.962631

21.9037266,0.679562,9.437292,1.460818,9.573833,81.223267,85.881348

21.9062405,0.708275,9.399008,1.463211,9.538552,81.176003,85.690544

21.9087582,0.679562,9.336794,1.542174,9.487667,80.645340,85.837173

21.9112720,0.725025,9.293723,1.592723,9.457047,80.304237,85.539253

21.9137878,0.772882,9.269794,1.561616,9.432130,80.470032,85.233910

21.9163036,0.748953,9.207282,1.508675,9.360079,80.724503,85.349594

21.9188194,0.756132,9.178569,1.434497,9.320711,81.146744,85.290596

21.9213352,0.753739,9.152247,1.453640,9.297571,81.005119,85.291992

21.9238491,0.729811,9.097213,1.470389,9.244130,80.847549,85.413353

21.9263649,0.734597,9.125926,1.477568,9.273908,80.832268,85.397865

21.9288807,0.722632,9.173783,1.475175,9.319691,80.892586,85.496025

21.9313965,0.722632,9.200104,1.448854,9.341481,81.077461,85.508858

21.9339123,0.722632,9.262616,1.424926,9.399397,81.280479,85.539047

21.9364262,0.756132,9.379865,1.429712,9.518281,81.361084,85.391228

21.9389439,0.765703,9.449257,1.446461,9.589943,81.324905,85.367264

21.9414577,0.772882,9.518948,1.420140,9.655284,81.542007,85.358109

21.9439735,0.813560,9.631411,1.429712,9.770876,81.586060,85.171722

21.9464893,0.803988,9.703195,1.460818,9.845424,81.467216,85.263397

21.9490051,0.820738,9.815957,1.472782,9.959704,81.496254,85.220467

21.9515209,0.837488,9.887741,1.508675,10.037176,81.355186,85.158623

21.9540348,0.835095,9.954741,1.546960,10.108774,81.197357,85.204735

21.9565525,0.888036,10.014561,1.587937,10.178486,81.024673,84.932579

21.9590664,0.919143,10.057931,1.546960,10.217626,81.291870,84.778534

21.9615841,0.921536,10.050753,1.575973,10.215212,81.125130,84.761299

21.9640999,0.955035,10.041182,1.621436,10.215991,80.867653,84.566833

21.9666138,0.955035,9.978668,1.647758,10.158791,80.665375,84.533005

21.9691296,0.952643,9.942777,1.638186,10.121758,80.685822,84.527054

21.9716454,0.947857,9.854242,1.539781,10.018755,81.159180,84.505753

21.9741611,0.928714,9.799207,1.592723,9.971145,80.808594,84.585999

21.9766750,0.919143,9.724730,1.626222,9.902515,80.547890,84.600670

21.9791908,0.914357,9.655338,1.662114,9.839931,80.275246,84.590240

21.9817085,0.897608,9.595518,1.666900,9.780502,80.187126,84.655846

21.9842224,0.895215,9.569197,1.709971,9.761912,79.911591,84.655434

21.9867382,0.916750,9.494720,1.693221,9.687990,79.934418,84.484978

21.9892521,0.957428,9.451650,1.683650,9.648058,79.950050,84.215813

21.9917698,0.993321,9.418150,1.647758,9.612665,80.129883,83.979347

21.9942837,0.957428,9.372686,1.607080,9.557543,80.319855,84.167419

21.9967995,0.926321,9.327223,1.602294,9.509074,80.299294,84.328339

21.9993153,0.945464,9.310472,1.602294,9.494533,80.284294,84.201576

22.0018311,0.928714,9.300901,1.602294,9.483492,80.272873,84.297798

22.0043468,0.909572,9.291330,1.631008,9.477148,80.090118,84.408867

22.0068607,0.892822,9.293723,1.686043,9.487527,79.763512,84.512596

22.0093765,0.878465,9.343972,1.700400,9.537970,79.730591,84.629173

22.0118923,0.935893,9.382257,1.688435,9.578803,79.847549,84.303513

22.0144081,0.950250,9.420543,1.712364,9.621943,79.748787,84.240059

22.0169239,0.966999,9.451650,1.741078,9.659199,79.615639,84.158386

22.0194378,0.947857,9.418150,1.688435,9.615133,79.886314,84.253014

22.0219555,0.892822,9.463614,1.595115,9.638543,80.474098,84.610519

22.0244694,0.895215,9.542876,1.544567,9.708428,80.845604,84.640785

22.0269852,0.895215,9.619446,1.479961,9.773711,81.290619,84.683197

22.0295010,0.878465,9.674481,1.482354,9.826732,81.323860,84.811638

22.0320168,0.904786,9.746265,1.494318,9.901582,81.319923,84.696198

22.0345325,0.900000,9.832706,1.515853,9.989491,81.271950,84.770218

22.0370464,0.921536,9.928419,1.527817,10.087466,81.288628,84.697113

22.0395470,0.935893,9.976275,1.525424,10.135526,81.343933,84.640663

22.0420628,0.916750,10.062716,1.494318,10.214288,81.587616,84.794518

22.0445766,0.928714,10.115358,1.448854,10.260710,81.882477,84.754250

22.0470924,0.904786,10.156036,1.458425,10.300035,81.859894,84.909042

22.0496063,0.861416,10.194322,1.479961,10.337142,81.768723,85.170006

22.0521221,0.842274,10.206285,1.494318,10.349429,81.698250,85.282356

22.0546360,0.863809,10.199107,1.523032,10.348312,81.536644,85.158913

22.0571537,0.859023,10.158429,1.546960,10.311386,81.371658,85.166420

22.0596828,0.811167,10.175179,1.580758,10.329137,81.196930,85.442009

22.0621986,0.732204,10.136894,1.554437,10.281489,81.304222,85.868614

22.0647144,0.705883,10.021739,1.494318,10.157091,81.539902,85.971016

22.0672302,0.725025,9.942777,1.487139,10.079487,81.515541,85.829384

22.0697441,0.684347,9.880563,1.527817,10.021381,81.230736,86.037910

22.0722599,0.662812,9.760623,1.552045,9.905449,80.985413,86.115196

22.0747776,0.638884,9.691231,1.561616,9.837010,80.865707,86.228294

22.0772915,0.631705,9.605089,1.580758,9.754772,80.674110,86.237206

22.0798073,0.634098,9.576375,1.549353,9.721601,80.829544,86.211700

22.0823212,0.600299,9.497113,1.513460,9.635667,80.963211,86.383224

22.0848370,0.631705,9.456435,1.559223,9.604915,80.657494,86.178230

22.0873547,0.590728,9.432507,1.583151,9.582667,80.490570,86.416428

22.0898685,0.588335,9.363115,1.587937,9.515020,80.393105,86.404526

22.0923843,0.597907,9.370294,1.597508,9.524281,80.344131,86.348976

22.0948982,0.600299,9.332008,1.583151,9.484362,80.391075,86.319412

22.0974159,0.629312,9.324830,1.534996,9.471256,80.672997,86.139091

22.0999260,0.631705,9.363115,1.587937,9.517800,80.395935,86.140251

22.1024418,0.612563,9.334401,1.575973,9.486304,80.437035,86.245392

22.1049576,0.650848,9.317652,1.585544,9.473974,80.365768,86.004318

22.1074734,0.681954,9.339187,1.602294,9.500148,80.290092,85.823631

22.1099892,0.684347,9.324830,1.595115,9.484998,80.318420,85.802597

22.1125031,0.705883,9.291330,1.592723,9.453246,80.300301,85.655457

22.1150188,0.756132,9.303294,1.592723,9.468885,80.316475,85.353455

22.1175346,0.777667,9.324830,1.549353,9.484604,80.598343,85.232712

22.1200504,0.789631,9.312865,1.530210,9.470719,80.701805,85.153519

22.1225643,0.830309,9.250652,1.520639,9.411500,80.701820,84.871056

22.1250801,0.871287,9.272188,1.506282,9.434060,80.812592,84.631805

22.1275940,0.892822,9.320045,1.456033,9.475252,81.160515,84.528000

22.1301098,0.933500,9.343972,1.477568,9.506021,81.057976,84.294853

22.1326275,0.986142,9.451650,1.479961,9.617507,81.148041,84.043571

22.1351414,1.029213,9.571589,1.465604,9.737690,81.343613,83.862686

22.1376572,1.100998,9.696016,1.453640,9.866002,81.527290,83.521721

22.1401711,1.161117,9.856635,1.456033,10.031026,81.653870,83.281487

22.1426868,1.232902,9.983455,1.427319,10.160052,81.924179,82.959930

22.1452007,1.254437,10.110573,1.417747,10.286268,82.077751,82.927353

22.1477165,1.261616,10.206285,1.417747,10.381230,82.150681,82.953323

22.1502342,1.271187,10.290034,1.420140,10.465062,82.200729,82.957603

22.1527481,1.307079,10.268499,1.393819,10.444773,82.331200,82.745819

22.1552639,1.290330,10.340583,1.436890,10.519375,82.149162,82.887222

22.1577778,1.311865,10.359726,1.475175,10.546140,81.959198,82.782974

22.1602917,1.323829,10.366904,1.412962,10.546169,82.300438,82.722847

22.1628056,1.309472,10.292427,1.415355,10.471485,82.231972,82.749397

22.1653233,1.247259,10.311870,1.427319,10.484634,82.175781,83.103363

22.1678371,1.285544,10.227821,1.436890,10.407959,82.064583,82.836014

22.1703529,1.235295,10.163215,1.463211,10.342044,81.866402,83.069939

22.1728687,1.185045,10.060324,1.467997,10.235696,81.754242,83.281860

22.1753826,1.201795,10.007382,1.400998,10.176188,82.086723,83.152092

22.1778984,1.173081,9.897313,1.475175,10.075171,81.580666,83.240540

22.1804161,1.093819,9.803992,1.552045,9.986168,81.058876,83.633911

22.1829319,1.057927,9.715159,1.621436,9.906190,80.579491,83.785294

22.1854477,1.010070,9.648160,1.664507,9.842653,80.263824,84.023453

22.1879616,0.966999,9.595518,1.640579,9.782666,80.345726,84.245377

22.1904793,0.904786,9.538090,1.674079,9.726065,80.088730,84.581123

22.1929932,0.859023,9.468399,1.707578,9.659416,79.817825,84.816017

22.1955090,0.851845,9.422935,1.654936,9.605007,80.078468,84.834435

22.1980228,0.835095,9.408579,1.664507,9.591106,80.005890,84.927780

22.2005367,0.794417,9.379865,1.638186,9.554926,80.127899,85.158951

22.2030525,0.758525,9.382257,1.642972,9.555181,80.099037,85.377876

22.2055683,0.736989,9.413364,1.642972,9.584045,80.129158,85.523338

22.2080841,0.713061,9.399008,1.698007,9.577736,79.788231,85.661530

22.2105980,0.686740,9.399008,1.724328,9.580515,79.631241,85.821098

22.2131138,0.708275,9.432507,1.767399,9.622762,79.416481,85.705788

22.2156277,0.658026,9.463614,1.765006,9.649261,79.460335,86.022499

22.2181454,0.631705,9.492328,1.750649,9.673061,79.573044,86.192635

22.2206593,0.612563,9.482756,1.717149,9.656423,79.756927,86.303970

22.2231750,0.648455,9.485149,1.702792,9.658574,79.845764,86.089043

22.2256927,0.617348,9.499506,1.642972,9.660284,80.207825,86.281723

22.2282066,0.588335,9.550055,1.575973,9.697081,80.646782,86.474724

22.2307224,0.566800,9.559626,1.546960,9.700556,80.823792,86.606850

22.2332363,0.557229,9.571589,1.559223,9.713754,80.763092,86.668175

22.2357521,0.557229,9.585947,1.561616,9.728285,80.762733,86.673157

22.2382660,0.554836,9.650553,1.568794,9.792963,80.781723,86.709534

22.2407837,0.590728,9.743873,1.561616,9.885881,80.911247,86.530655

22.2432995,0.590728,9.799207,1.585544,9.944212,80.825378,86.550201

22.2458134,0.626920,9.854242,1.599901,10.002940,80.796410,86.359795

22.2483311,0.643669,9.875777,1.592723,10.024074,80.857544,86.270935

22.2508450,0.636491,9.914063,1.609472,10.064003,80.797531,86.326607

22.2533607,0.607777,9.921241,1.578366,10.064376,80.977226,86.494431

22.2558746,0.590728,9.921241,1.575973,10.062985,80.989769,86.592529

22.2583904,0.614955,9.926026,1.585544,10.070657,80.941551,86.454834

22.2609081,0.600299,9.964312,1.585544,10.107512,80.974854,86.552383

22.2634220,0.600299,9.993026,1.609472,10.139592,80.866730,86.562271

22.2659378,0.595514,10.009775,1.573580,10.150191,81.081490,86.595306

22.2684517,0.629312,10.048360,1.592723,10.193250,81.010544,86.416336

22.2709675,0.638884,10.062716,1.614258,10.211379,80.904282,86.367157

22.2734833,0.669990,10.055538,1.654936,10.212813,80.674377,86.188072

22.2759991,0.715454,10.053145,1.647758,10.212380,80.714790,85.929283

22.2785149,0.725025,10.000204,1.623829,10.157094,80.800568,85.853249

22.2810307,0.756132,9.914063,1.590330,10.069237,80.912682,85.638573

22.2835464,0.765703,9.854242,1.585544,10.010312,80.886482,85.556877

22.2860603,0.780060,9.760623,1.585544,9.919285,80.802124,85.430687

22.2885761,0.796810,9.662517,1.580758,9.823336,80.739777,85.285828

22.2910900,0.868595,9.569197,1.583151,9.738088,80.643715,84.813484

22.2936077,0.938286,9.542876,1.607080,9.722631,80.485764,84.384544

22.2961235,0.966999,9.466006,1.575973,9.644897,80.595718,84.167183

22.2986374,1.026820,9.406186,1.556830,9.589287,80.656616,83.770012

22.3011551,1.065105,9.415757,1.491925,9.592538,81.052483,83.546165

22.3036690,1.103390,9.415757,1.467997,9.593173,81.197723,83.316246

22.3061848,1.110569,9.408579,1.422533,9.580100,81.460670,83.268074

22.3087025,1.091426,9.410972,1.427319,9.580962,81.432503,83.384743

22.3112164,1.117747,9.415757,1.444068,9.591204,81.340515,83.230080

22.3137321,1.144367,9.446864,1.391426,9.617114,81.681114,83.092995

22.3162460,1.124926,9.458828,1.384248,9.625541,81.731628,83.217743

22.3187618,1.141975,9.509377,1.360320,9.673821,81.916351,83.152184

22.3212738,1.134497,9.489935,1.355534,9.653156,81.927620,83.182793

22.3237915,1.129711,9.547662,1.336391,9.706700,82.086540,83.251945

22.3263054,1.134497,9.540483,1.310070,9.696607,82.235245,83.218575

22.3288212,1.120140,9.578768,1.283749,9.729107,82.417747,83.330132

22.3313370,1.120140,9.571589,1.271486,9.720428,82.483856,83.325172

22.3338509,1.091426,9.552447,1.249951,9.695506,82.592773,83.481865

22.3363686,1.117747,9.578768,1.273879,9.727534,82.475159,83.344254

22.3388824,1.096212,9.605089,1.290928,9.753251,82.394089,83.489105

22.3413963,1.110569,9.626625,1.326820,9.780886,82.203537,83.419205

22.3439102,1.134497,9.629018,1.343570,9.788271,82.110489,83.280357

22.3464279,1.163510,9.631411,1.312463,9.789810,82.295486,83.111839

22.3489418,1.208974,9.621839,1.362713,9.792772,82.001053,82.838379

22.3514576,1.230509,9.681660,1.396212,9.858910,81.858444,82.756721

22.3539734,1.206581,9.729516,1.357927,9.897640,82.114319,82.930702

22.3564873,1.182653,9.751051,1.360320,9.916256,82.115257,83.084679

22.3590050,1.168296,9.736694,1.389034,9.904420,81.938042,83.157852

22.3615189,1.185045,9.765409,1.400998,9.936314,81.894417,83.080910

22.3640347,1.165903,9.775279,1.386641,9.941740,81.982437,83.198433

22.3665485,1.163510,9.806385,1.374677,9.970389,82.075050,83.233589

22.3690643,1.122533,9.811171,1.441676,9.979858,81.694077,83.472954

22.3715801,1.137189,9.806385,1.444068,9.977160,81.677925,83.385292

22.3740959,1.086641,9.787243,1.400998,9.946542,81.902809,83.664612

22.3766117,1.053141,9.787243,1.458425,9.951193,81.572502,83.858406

22.3791256,0.988535,9.751051,1.482354,9.912496,81.399498,84.211288

22.3816414,0.995713,9.741480,1.530210,9.911076,81.118347,84.163849

22.3841553,0.933500,9.727123,1.511068,9.887956,81.209671,84.518181

22.3866711,0.909572,9.698409,1.491925,9.854557,81.292259,84.642151

22.3891869,0.861416,9.710373,1.530210,9.867873,81.079147,84.930511

22.3917027,0.815953,9.696016,1.571187,9.856325,80.827408,85.189697

22.3942184,0.792024,9.676874,1.571187,9.835539,80.807854,85.320938

22.3967323,0.727418,9.657731,1.566401,9.810939,80.812912,85.692627

22.3992481,0.674776,9.696016,1.611865,9.852216,80.583832,86.019028

22.4017639,0.634098,9.662517,1.578366,9.811093,80.742279,86.245377

22.4042797,0.646062,9.664909,1.564009,9.811932,80.828003,86.175690

22.4067955,0.590728,9.648160,1.573580,9.793472,80.753838,86.496323

22.4093113,0.588335,9.664909,1.650150,9.822404,80.328522,86.516510

22.4118271,0.550050,9.652946,1.657329,9.809621,80.273262,86.738663

22.4143410,0.538086,9.660124,1.652543,9.815214,80.307205,86.811821

22.4168568,0.554836,9.652946,1.645365,9.807876,80.342422,86.710350

22.4193707,0.540479,9.672089,1.647758,9.826318,80.346565,86.801620

22.4218864,0.504586,9.662517,1.669293,9.818624,80.211433,87.010674

22.4244022,0.526122,9.655338,1.666900,9.812284,80.219223,86.881020

22.4269161,0.530908,9.650553,1.645365,9.804195,80.338760,86.851151

22.4294319,0.538086,9.633803,1.662114,9.790931,80.226097,86.803123

22.4319477,0.523729,9.660124,1.650150,9.814035,80.320198,86.896713

22.4344635,0.528515,9.655338,1.686043,9.815682,80.109238,86.866867

22.4369774,0.526122,9.645767,1.645365,9.799227,80.333817,86.877937

22.4394932,0.514158,9.652946,1.652543,9.806866,80.298874,86.951057

22.4420109,0.530908,9.667302,1.616651,9.815913,80.520370,86.856598

22.4445248,0.540479,9.703195,1.616651,9.851785,80.555206,86.811852

22.4470425,0.540479,9.691231,1.587937,9.835324,80.708794,86.807930

22.4495564,0.571586,9.679267,1.604687,9.828018,80.602859,86.620461

22.4520721,0.605384,9.684052,1.595115,9.833197,80.664375,86.422897

22.4545860,0.646062,9.674481,1.590330,9.825586,80.685364,86.179459

22.4571018,0.629312,9.693624,1.554437,9.837614,80.908615,86.285561

22.4596195,0.631705,9.676874,1.561616,9.822402,80.852005,86.265038

22.4621315,0.660419,9.696016,1.592723,9.848129,80.692764,86.103462

22.4646473,0.696311,9.715159,1.609472,9.872162,80.617104,85.900467

22.4671612,0.672383,9.722338,1.609472,9.877568,80.622292,86.043800

22.4696770,0.691526,9.707980,1.645365,9.870680,80.404449,85.925545

22.4721909,0.710668,9.722338,1.638186,9.884966,80.460648,85.819321

22.4747086,0.689133,9.710373,1.674079,9.877691,80.242371,85.940598

22.4772224,0.710668,9.703195,1.662114,9.870140,80.305298,85.811096

22.4797382,0.765703,9.662517,1.640579,9.830667,80.393318,85.469078

22.4822540,0.741775,9.652946,1.676471,9.825484,80.175850,85.605774

22.4847679,0.746561,9.621839,1.652543,9.791222,80.283218,85.563293

22.4872837,0.727418,9.640982,1.642972,9.806988,80.355721,85.685173

22.4897995,0.739382,9.609875,1.657329,9.779730,80.243248,85.600342

22.4923153,0.739382,9.564411,1.638186,9.731819,80.309090,85.579506

22.4948292,0.720240,9.578768,1.626222,9.742492,80.391182,85.699951

22.4973450,0.765703,9.578768,1.604687,9.742388,80.519501,85.429634

22.4998608,0.725025,9.564411,1.592723,9.723188,80.572083,85.665016

22.5023746,0.713061,9.583553,1.561616,9.736097,80.770210,85.744766

22.5048904,0.713061,9.590733,1.564009,9.743548,80.763069,85.747940

22.5074043,0.756132,9.607482,1.549353,9.760940,80.866821,85.499962

22.5099220,0.765703,9.636196,1.513460,9.784331,81.101646,85.456757

22.5124359,0.739382,9.609875,1.520639,9.757496,81.034302,85.600342

22.5149517,0.748953,9.669696,1.523032,9.817513,81.075424,85.571075

22.5174656,0.813560,9.662517,1.534996,9.817450,81.004677,85.187187

22.5199814,0.842274,9.660124,1.523032,9.815653,81.073715,85.016937

22.5224991,0.823131,9.674481,1.484746,9.822302,81.305801,85.136833

22.5250130,0.871287,9.660124,1.534996,9.820048,81.007080,84.846199

22.5275288,0.892822,9.672089,1.544567,9.835249,80.964638,84.726021

22.5300426,0.890429,9.691231,1.518246,9.849766,81.133057,84.750412

22.5325584,0.919143,9.669696,1.448854,9.820745,81.516190,84.570122

22.5350723,0.945464,9.607482,1.482354,9.767035,81.270424,84.379669

22.5375900,0.938286,9.645767,1.496711,9.806190,81.220680,84.444069

22.5401058,0.923929,9.652946,1.482354,9.809709,81.308693,84.532608

22.5426197,0.923929,9.679267,1.487139,9.836332,81.304199,84.547386

22.5451374,0.904786,9.636196,1.501496,9.794355,81.181656,84.635963

22.5476513,0.919143,9.640982,1.530210,9.804840,81.021324,84.554047

22.5501671,0.955035,9.619446,1.537389,9.788227,80.963417,84.330154

22.5526810,0.966999,9.645767,1.539781,9.815642,80.974724,84.275162

22.5551968,0.969392,9.686445,1.508675,9.851043,81.190559,84.285027

22.5577145,0.957428,9.645767,1.520639,9.811719,81.084251,84.331451

22.5602283,0.943071,9.645767,1.527817,9.811444,81.041565,84.415909

22.5627441,0.928714,9.662517,1.515853,9.824691,81.124367,84.509872

22.5652580,0.926321,9.657731,1.542174,9.823855,80.968201,84.521233

22.5677738,0.897608,9.672089,1.523032,9.832326,81.088982,84.697914

22.5702877,0.897608,9.710373,1.537389,9.872214,81.040932,84.718704

22.5728054,0.907179,9.698409,1.518246,9.858356,81.140846,84.656166

22.5753212,0.921536,9.681660,1.534996,9.845810,81.030800,84.562759

22.5778351,0.911965,9.717552,1.527817,9.879106,81.103424,84.638657

22.5803509,0.911965,9.679267,1.515853,9.839599,81.137924,84.617577

22.5828667,0.931107,9.703195,1.506282,9.863460,81.215797,84.518745

22.5853844,0.904786,9.684052,1.503889,9.841808,81.210419,84.662323

22.5879002,0.880858,9.693624,1.494318,9.847601,81.271973,84.807800

22.5904140,0.854238,9.693624,1.561616,9.855694,80.883171,84.963898

22.5929298,0.861416,9.684052,1.508675,9.838649,81.179367,84.916801

22.5954437,0.849452,9.688838,1.499103,9.840857,81.237755,84.989502

22.5979614,0.832702,9.650553,1.556830,9.810722,80.869331,85.068420

22.6004753,0.806381,9.652946,1.566401,9.812402,80.814293,85.224754

22.6029873,0.806381,9.679267,1.549353,9.835596,80.936729,85.237679

22.6055012,0.827917,9.688838,1.546960,9.846426,80.960884,85.115906

22.6080189,0.827917,9.703195,1.542174,9.859804,81.001404,85.123100

22.6105347,0.830309,9.703195,1.575973,9.865348,80.807709,85.109070

22.6130486,0.861416,9.719945,1.583151,9.885633,80.784592,84.935478

22.6155643,0.885643,9.686445,1.552045,9.849895,80.934143,84.775902

22.6180782,0.844666,9.705587,1.491925,9.855847,81.293404,85.026146

22.6205940,0.818345,9.645767,1.532603,9.800989,81.003609,85.150650

22.6231041,0.823131,9.657731,1.623829,9.827825,80.489532,85.128441

22.6256199,0.823131,9.650553,1.607080,9.818015,80.579041,85.124832

22.6281338,0.811167,9.621839,1.652543,9.796360,80.288368,85.181084

22.6306496,0.808774,9.595518,1.654936,9.770717,80.248390,85.182121

22.6331654,0.806381,9.612267,1.674079,9.790223,80.154327,85.204636

22.6356812,0.782453,9.595518,1.664507,9.770199,80.190918,85.338211

22.6381969,0.751346,9.638589,1.657329,9.808856,80.272499,85.542702

22.6407108,0.734597,9.631411,1.638186,9.797314,80.374489,85.638443

22.6432419,0.708275,9.602696,1.666900,9.772000,80.178505,85.781616

22.6457596,0.705883,9.581161,1.690828,9.754784,80.018326,85.786400

22.6482735,0.665205,9.576375,1.733899,9.754786,79.761353,86.026443

22.6507893,0.631705,9.585947,1.736292,9.762383,79.755135,86.229713

22.6533051,0.612563,9.626625,1.705185,9.795652,79.975128,86.359055

22.6558208,0.643669,9.617053,1.719542,9.790752,79.884720,86.170906

22.6583366,0.624527,9.595518,1.709971,9.766678,79.916565,86.276138

22.6608505,0.631705,9.583553,1.741078,9.760886,79.724998,86.228775

22.6633663,0.607777,9.595518,1.750649,9.772826,79.680656,86.375748

22.6658802,0.648455,9.593125,1.738685,9.770956,79.749962,86.132927

22.6683960,0.655633,9.593125,1.702792,9.765112,79.957703,86.090256

22.6709137,0.662812,9.581161,1.719542,9.756782,79.849129,86.042656

22.6734276,0.722632,9.593125,1.750649,9.778294,79.686493,85.692154

22.6759434,0.782453,9.607482,1.760220,9.798690,79.651306,85.343987

22.6784573,0.782453,9.643374,1.721935,9.827104,79.908363,85.361244

22.6809750,0.837488,9.626625,1.702792,9.811871,80.006058,85.027954

22.6834869,0.842274,9.612267,1.681257,9.794475,80.116020,84.992256

22.6860027,0.851845,9.626625,1.669293,9.807349,80.200066,84.943161

22.6885166,0.890429,9.614660,1.750649,9.813222,79.723602,84.708839

22.6910324,0.902393,9.559626,1.721935,9.755297,79.833290,84.607468

22.6935501,0.933500,9.602696,1.705185,9.797492,79.977028,84.447594

22.6960640,0.921536,9.597911,1.702792,9.791253,79.984795,84.515602

22.6985798,0.943071,9.643374,1.695614,9.836623,80.073914,84.414536

22.7010937,0.969392,9.629018,1.674079,9.821418,80.185913,84.251167

22.7036095,0.947857,9.633803,1.631008,9.816760,80.436234,84.380829

22.7061234,0.945464,9.681660,1.607080,9.859571,80.619110,84.422455

22.7086411,0.945464,9.655338,1.559223,9.826018,80.869530,84.407349

22.7111568,0.971785,9.676874,1.619044,9.859389,80.548462,84.265388

22.7136707,0.993321,9.672089,1.616651,9.856447,80.559715,84.136299

22.7161865,1.022034,9.674481,1.573580,9.854760,80.811844,83.969513

22.7187023,1.041177,9.688838,1.614258,9.877421,80.594009,83.866447

22.7212181,1.000499,9.660124,1.607080,9.843865,80.604004,84.086960

22.7237263,1.057927,9.722338,1.575973,9.905894,80.845657,83.789848

22.7262421,1.079462,9.693624,1.575973,9.880044,80.821503,83.645836

22.7287560,1.050748,9.724730,1.566401,9.905961,80.901794,83.833168

22.7312717,1.089033,9.698409,1.573580,9.885407,80.840576,83.593102

22.7337894,1.029213,9.698409,1.546960,9.874791,80.987061,83.942337

22.7363033,1.062712,9.707980,1.554437,9.888908,80.956169,83.752823

22.7388191,1.091426,9.698409,1.515853,9.876647,81.171432,83.579140

22.7413330,1.086641,9.707980,1.539781,9.889216,81.042427,83.613312

22.7438583,1.055534,9.684052,1.532603,9.861232,81.059021,83.779480

22.7463760,1.096212,9.705587,1.511068,9.883493,81.205673,83.555954

22.7488899,1.079462,9.705587,1.489532,9.878379,81.327454,83.653603

22.7514057,1.093819,9.684052,1.479961,9.857363,81.365097,83.555725

22.7539196,1.081855,9.686445,1.482354,9.858753,81.352257,83.627190

22.7564373,1.077069,9.686445,1.441676,9.852195,81.585670,83.655151

22.7589531,1.103390,9.686445,1.420140,9.851979,81.712074,83.501404

22.7614670,1.132104,9.676874,1.420140,9.845829,81.706856,83.327263

22.7639732,1.120140,9.655338,1.398605,9.820202,81.812027,83.382553

22.7664890,1.120140,9.672089,1.348356,9.829653,82.115753,83.393913

22.7690048,1.144367,9.643374,1.365105,9.806516,81.998215,83.232430

22.7715187,1.173081,9.672089,1.384248,9.840812,81.913727,83.084648

22.7740345,1.139582,9.703195,1.336391,9.860861,82.211029,83.301643

22.7765484,1.086641,9.736694,1.365105,9.891790,82.067642,83.631989

22.7790661,1.100998,9.751051,1.374677,9.908831,82.025490,83.557976

22.7815800,1.065105,9.777672,1.322034,9.923965,82.344505,83.783150

22.7840996,1.033998,9.765409,1.336391,9.910515,82.250298,83.955826

22.7866154,0.995713,9.736694,1.360320,9.881556,82.087395,84.161003

22.7891293,0.947857,9.734302,1.405783,9.880855,81.820580,84.438477

22.7916451,0.866202,9.724730,1.427319,9.867012,81.682663,84.909981

22.7941589,0.792024,9.717552,1.487139,9.862541,81.327484,85.340439

22.7966766,0.803988,9.652946,1.458425,9.795548,81.437592,85.238853

22.7991905,0.796810,9.684052,1.475175,9.828118,81.367432,85.296265

22.8017063,0.748953,9.710373,1.482354,9.851377,81.345734,85.589554

22.8042221,0.710668,9.717552,1.456033,9.851696,81.500824,85.817268

22.8067360,0.734597,9.748658,1.436890,9.881327,81.638710,85.690697

22.8092518,0.751346,9.765409,1.398605,9.893625,81.873199,85.600357

22.8117657,0.713061,9.748658,1.432104,9.879054,81.664825,85.816574

22.8142815,0.686740,9.803992,1.456033,9.935286,81.572853,85.993149

22.8167973,0.662812,9.792028,1.444068,9.920104,81.629715,86.127617

22.8193130,0.636491,9.835099,1.491925,9.967956,81.392075,86.297195

22.8218288,0.610170,9.878170,1.487139,10.008103,81.454575,86.465355

22.8243446,0.573978,9.861421,1.470389,9.986947,81.533501,86.668892

22.8268604,0.545264,9.911670,1.503889,10.039929,81.385193,86.851196

22.8293743,0.514158,9.906884,1.554437,10.041265,81.094513,87.029068

22.8318920,0.485444,9.911670,1.523032,10.039745,81.274529,87.196068

22.8344059,0.468694,9.930812,1.496711,10.053897,81.438629,87.297874

22.8369217,0.471087,9.964312,1.518246,10.090317,81.346085,87.293221

22.8394375,0.475873,9.954741,1.506282,10.079295,81.405342,87.263138

22.8419514,0.499801,9.916455,1.487139,10.039794,81.481750,87.114670

22.8444653,0.492622,9.887741,1.494318,10.012147,81.416504,87.147797

22.8469810,0.557229,9.875777,1.475175,10.000881,81.517662,86.770584

22.8494968,0.559621,9.789636,1.477568,9.916317,81.430809,86.728264

22.8520107,0.559621,9.729516,1.491925,9.859133,81.296326,86.708092

22.8545265,0.595514,9.731909,1.477568,9.861435,81.382751,86.498329

22.8570404,0.614955,9.688838,1.432104,9.813393,81.608650,86.368279

22.8595562,0.600299,9.657731,1.439283,9.782825,81.539734,86.443222

22.8620739,0.629312,9.602696,1.458425,9.733181,81.382309,86.250488

22.8645744,0.641276,9.559626,1.460818,9.691834,81.330956,86.162247

22.8670883,0.674776,9.509377,1.460818,9.644561,81.288139,85.941154

22.8696041,0.717847,9.538090,1.465604,9.676697,81.288628,85.695976

22.8721180,0.715454,9.504591,1.467997,9.643866,81.244354,85.695206

22.8746338,0.744168,9.542876,1.463211,9.683040,81.308701,85.541016

22.8771477,0.741775,9.562018,1.453640,9.700283,81.381454,85.564156

22.8796635,0.717847,9.571589,1.408176,9.701216,81.653770,85.710983

22.8821793,0.693919,9.583553,1.389034,9.708524,81.774254,85.858597

22.8847122,0.665205,9.621839,1.410569,9.747409,81.679390,86.045158

22.8872261,0.696311,9.638589,1.448854,9.771715,81.473305,85.868011

22.8897419,0.744168,9.624231,1.470389,9.764306,81.338982,85.578552

22.8922558,0.739382,9.662517,1.441676,9.797415,81.538284,85.624214

22.8947716,0.705883,9.681660,1.448854,9.814885,81.511086,85.829987

22.8972893,0.736989,9.686445,1.412962,9.816661,81.724380,85.649055

22.8998032,0.751346,9.667302,1.446461,9.803749,81.515511,85.555885

22.9023190,0.710668,9.696016,1.400998,9.822453,81.799812,85.808006

22.9048328,0.705883,9.686445,1.436890,9.817848,81.584251,85.832039

22.9073486,0.703490,9.672089,1.424926,9.801765,81.641037,85.839973

22.9098625,0.677169,9.650553,1.458425,9.783595,81.427055,85.986198

22.9123783,0.669990,9.619446,1.463211,9.753134,81.371643,86.015808

22.9148960,0.710668,9.631411,1.463211,9.767810,81.384705,85.779991

22.9174099,0.693919,9.621839,1.456033,9.756092,81.416916,85.875023

22.9199257,0.691526,9.588340,1.487139,9.727592,81.206223,85.874886

22.9224396,0.689133,9.571589,1.479961,9.709816,81.232864,85.881935

22.9249535,0.679562,9.559626,1.489532,9.698812,81.165619,85.933876

22.9274693,0.710668,9.576375,1.494318,9.718282,81.154907,85.755829

22.9299850,0.705883,9.516555,1.496711,9.659360,81.086143,85.757904

22.9324989,0.710668,9.504591,1.508675,9.649788,81.005318,85.723892

22.9350147,0.698704,9.509377,1.460818,9.646265,81.289688,85.797729

22.9375305,0.693919,9.492328,1.470389,9.630569,81.217766,85.818939

22.9400463,0.681954,9.514162,1.532603,9.660912,80.872055,85.900177

22.9425621,0.703490,9.482756,1.518246,9.629258,80.928314,85.757217

22.9450779,0.727418,9.432507,1.479961,9.575573,81.108963,85.590179

22.9475956,0.732204,9.470792,1.511068,9.618490,80.961372,85.579155

22.9501114,0.787239,9.458828,1.513460,9.611438,80.940239,85.242355

22.9526253,0.813560,9.466006,1.487139,9.616587,81.103897,85.087761

22.9551411,0.806381,9.518948,1.467997,9.665176,81.263809,85.157845

22.9576569,0.837488,9.573982,1.448854,9.719141,81.426834,85.000755

22.9601727,0.878465,9.600304,1.422533,9.744800,81.606041,84.771774

22.9626865,0.859023,9.626625,1.496711,9.780081,81.197052,84.900764

22.9652004,0.878465,9.674481,1.453640,9.822441,81.489441,84.811638

22.9677143,0.897608,9.662517,1.439283,9.810273,81.563583,84.692696

22.9702301,0.866202,9.679267,1.427319,9.822207,81.644455,84.886200

22.9727478,0.868595,9.753445,1.381855,9.889068,81.967453,84.910942

22.9752617,0.827917,9.741480,1.405783,9.877151,81.817490,85.142174

22.9777775,0.847059,9.784850,1.417747,9.923246,81.785965,85.052330

22.9802914,0.856631,9.803992,1.341177,9.932313,82.239548,85.006424

22.9828072,0.808774,9.782457,1.398605,9.914972,81.890816,85.273766

22.9853230,0.832702,9.782457,1.410569,9.918648,81.824028,85.134598

22.9878387,0.832702,9.768100,1.396212,9.902452,81.894478,85.127480

22.9903545,0.823131,9.787243,1.367498,9.916537,82.073608,85.192596

22.9928703,0.792024,9.813564,1.391426,9.943310,81.955864,85.385826

22.9953861,0.808774,9.837492,1.439283,9.975063,81.703941,85.300087

22.9979000,0.803988,9.842278,1.405783,9.974621,81.897987,85.330032

23.0004158,0.772882,9.801600,1.422533,9.934400,81.767365,85.491409

23.0029297,0.753739,9.803992,1.439283,9.937702,81.672531,85.603699

23.0054455,0.820738,9.815957,1.463211,9.958294,81.550713,85.220467

23.0079613,0.844666,9.818350,1.432104,9.958132,81.731476,85.082985

23.0104752,0.866202,9.760623,1.460818,9.907272,81.520874,84.928596

23.0129910,0.916750,9.736694,1.451247,9.886848,81.559303,84.621223

23.0155048,0.955035,9.645767,1.487139,9.806351,81.277405,84.345528

23.0180225,0.947857,9.593125,1.453640,9.748823,81.424690,84.357155

23.0205364,0.971785,9.600304,1.463211,9.759671,81.377464,84.219955

23.0230522,0.971785,9.554840,1.479961,9.717490,81.239838,84.192642

23.0255680,0.911965,9.533304,1.549353,9.701344,80.810226,84.535660

23.0280838,0.911965,9.523733,1.539781,9.690413,80.857094,84.530205

23.0305996,0.926321,9.497113,1.534996,9.664856,80.861450,84.429153

23.0331135,0.933500,9.528519,1.554437,9.699504,80.778046,84.404640

23.0356293,0.964607,9.504591,1.542174,9.677088,80.830048,84.204979

23.0381432,0.928714,9.480363,1.525424,9.647109,80.902069,84.405052

23.0406609,0.935893,9.528519,1.542174,9.697777,80.849777,84.390388

23.0431767,0.933500,9.535697,1.534996,9.703461,80.898117,84.408829

23.0456905,0.952643,9.557233,1.534996,9.726480,80.919838,84.307693

23.0482063,0.966999,9.559626,1.532603,9.729872,80.937302,84.223923

23.0507221,0.935893,9.557233,1.539781,9.725612,80.890472,84.407135

23.0532379,0.940678,9.566804,1.595115,9.744383,80.578514,84.384308

23.0557518,0.990928,9.564411,1.578366,9.744287,80.678246,84.084930

23.0582676,0.983749,9.621839,1.544567,9.794551,80.926781,84.162292

23.0607834,0.993321,9.624231,1.544567,9.797868,80.929878,84.107346

23.0632992,1.002892,9.614660,1.568794,9.793293,80.782036,84.045090

23.0658150,1.019642,9.655338,1.552045,9.832297,80.917778,83.971687

23.0683289,1.012463,9.662517,1.511068,9.832224,81.159447,84.018234

23.0708447,1.017249,9.674481,1.542174,9.849298,80.991730,83.997543

23.0733585,1.036391,9.700802,1.583151,9.883625,80.782700,83.901901

23.0758743,1.074677,9.681660,1.578366,9.868166,80.796288,83.666023

23.0783920,1.019642,9.727123,1.561616,9.904304,80.928291,84.015846

23.0809059,1.069891,9.782457,1.556830,9.963176,81.010208,83.758461

23.0834217,1.067498,9.731909,1.578366,9.916696,80.841713,83.740227

23.0859356,1.029213,9.736694,1.544567,9.912023,81.035202,83.965981

23.0884514,0.998106,9.768100,1.552045,9.940866,81.017792,84.165756

23.0909653,0.990928,9.751051,1.614258,9.933315,80.647415,84.197372

23.0934830,0.998106,9.739087,1.621436,9.923462,80.596031,84.148499

23.0959988,0.952643,9.693624,1.619044,9.873964,80.562538,84.387268

23.0985126,0.957428,9.674481,1.628615,9.857213,80.489952,84.348167

23.1010284,0.998106,9.626625,1.575973,9.805703,80.751312,84.080620

23.1035423,0.976571,9.617053,1.580758,9.794907,80.712662,84.201736

23.1060600,0.969392,9.581161,1.544567,9.753156,80.887939,84.222649

23.1085739,0.923929,9.535697,1.559223,9.706408,80.756042,84.465797

23.1110897,0.885643,9.542876,1.561616,9.710278,80.745453,84.697754

23.1136036,0.907179,9.480363,1.595115,9.656327,80.491806,84.533989

23.1161194,0.909572,9.430114,1.592723,9.606828,80.456833,84.490639

23.1186371,0.914357,9.437292,1.604687,9.616317,80.394043,84.466019

23.1211510,0.902393,9.468399,1.614258,9.647317,80.367554,84.555824

23.1236668,0.964607,9.437292,1.583151,9.617657,80.525490,84.163940

23.1261806,0.959821,9.408579,1.587937,9.589794,80.468712,84.175095

23.1286964,0.919143,9.437292,1.552045,9.608130,80.704025,84.437233

23.1312103,0.935893,9.509377,1.561616,9.682086,80.718269,84.379173

23.1337261,0.957428,9.480363,1.544567,9.652960,80.792542,84.233215

23.1362419,0.957428,9.485149,1.530210,9.655375,80.881165,84.236107

23.1387577,0.919143,9.509377,1.527817,9.675087,80.914246,84.479141

23.1412735,0.933500,9.518948,1.556830,9.690486,80.755051,84.399055

23.1437874,0.916750,9.521340,1.549353,9.690039,80.799416,84.500305

23.1463051,0.890429,9.540483,1.609472,9.716176,80.465080,84.667938

23.1488190,0.904786,9.530911,1.587937,9.704558,80.582458,84.577065

23.1513348,0.943071,9.509377,1.539781,9.679285,80.846497,84.336334

23.1538525,0.955035,9.559626,1.549353,9.731343,80.838806,84.294907

23.1563663,0.914357,9.590733,1.568794,9.761112,80.751381,84.554016

23.1588821,0.928714,9.657731,1.539781,9.823707,80.982193,84.507172

23.1613960,0.978964,9.662517,1.525424,9.831048,81.073692,84.214783

23.1639118,0.976571,9.672089,1.513460,9.838371,81.150917,84.234505

23.1664257,0.976571,9.684052,1.554437,9.856512,80.926193,84.241577

23.1689415,1.031606,9.753445,1.544567,9.928725,81.050407,83.962364

23.1714573,1.041177,9.751051,1.571187,9.931549,80.897476,83.905289

23.1739731,1.050748,9.731909,1.580758,9.915287,80.826393,83.837685

23.1764889,1.055534,9.796814,1.585544,9.980264,80.858803,83.850525

23.1790028,1.117747,9.827921,1.585544,10.017551,80.893120,83.511528

23.1815186,1.105783,9.885348,1.578366,10.071450,80.983620,83.617378

23.1840324,1.105783,9.892527,1.585544,10.079622,80.949677,83.621971

23.1865501,1.072284,9.873384,1.571187,10.054956,81.010124,83.801773

23.1890659,1.117747,9.890134,1.546960,10.072596,81.165489,83.551994

23.1915798,1.120140,9.914063,1.549353,10.096725,81.173027,83.553772

23.1940975,1.086641,9.873384,1.539781,10.051639,81.188332,83.719444

23.1966114,1.084248,9.837492,1.542174,10.016494,81.143311,83.710480

23.1991272,1.093819,9.830314,1.564009,10.013872,81.014519,83.650818

23.2016411,1.084248,9.811171,1.566401,9.994412,80.982986,83.693741

23.2041569,1.100998,9.763016,1.556830,9.947482,80.995911,83.565811

23.2066689,1.074677,9.715159,1.542174,9.895330,81.033981,83.687691

23.2091846,1.060320,9.719945,1.534996,9.897365,81.077904,83.774391

23.2117023,1.017249,9.688838,1.587937,9.870660,80.742348,84.006371

23.2142162,1.000499,9.669696,1.616651,9.854825,80.558144,84.092773

23.2167320,1.017249,9.652946,1.561616,9.831216,80.860275,83.984245

23.2192459,0.969392,9.667302,1.556830,9.839725,80.896469,84.273788

23.2217617,0.940678,9.605089,1.609472,9.784325,80.532104,84.406548

23.2242756,0.928714,9.557233,1.597508,9.734230,80.554321,84.449768

23.2267914,0.916750,9.569197,1.609472,9.746813,80.495323,84.527641

23.2293072,0.935893,9.559626,1.575973,9.733757,80.682343,84.408531

23.2318211,0.907179,9.607482,1.580758,9.778829,80.697258,84.605888

23.2343388,0.878465,9.602696,1.549353,9.766472,80.872040,84.773071

23.2368526,0.863809,9.607482,1.520639,9.765358,81.041580,84.862350

23.2393684,0.873679,9.621839,1.499103,9.777035,81.180099,84.811676

23.2418823,0.842274,9.612267,1.552045,9.773124,80.862320,84.992256

23.2443981,0.861416,9.605089,1.580758,9.772337,80.691017,84.875237

23.2469120,0.842274,9.629018,1.614258,9.799655,80.518684,85.000923

23.2494278,0.849452,9.612267,1.595115,9.780677,80.613792,84.949799

23.2519436,0.837488,9.595518,1.575973,9.760074,80.707687,85.011917

23.2544594,0.883251,9.593125,1.575973,9.761756,80.709305,84.739540

23.2569752,0.880858,9.597911,1.590330,9.768570,80.630508,84.756310

23.2594891,0.830309,9.617053,1.621436,9.788063,80.464745,85.065483

23.2620049,0.895215,9.605089,1.604687,9.779272,80.555588,84.675293

23.2645187,0.914357,9.588340,1.580758,9.760692,80.679817,84.552666

23.2670345,0.892822,9.607482,1.580758,9.777507,80.695984,84.690758

23.2695503,0.868595,9.614660,1.580758,9.782379,80.700661,84.837875

23.2720642,0.892822,9.588340,1.573580,9.757538,80.719490,84.680222

23.2745819,0.911965,9.573982,1.564009,9.743661,80.763184,84.558739

23.2770958,0.926321,9.564411,1.571187,9.736769,80.713783,84.468109

23.2796116,0.928714,9.585947,1.590330,9.761252,80.623421,84.466293

23.2821255,0.950250,9.569197,1.585544,9.746099,80.637222,84.328949

23.2846413,0.923929,9.597911,1.604687,9.774895,80.551323,84.501450

23.2871609,0.943071,9.609875,1.585544,9.785347,80.675110,84.395187

23.2896748,0.993321,9.614660,1.575973,9.793470,80.739655,84.101524

23.2921906,0.990928,9.605089,1.530210,9.776565,80.995140,84.109810

23.2947044,1.000499,9.636196,1.527817,9.807727,81.038139,84.072380

23.2972202,0.998106,9.655338,1.518246,9.824807,81.110352,84.098099

23.2997360,0.966999,9.691231,1.513460,9.856247,81.167091,84.301842

23.3022518,0.969392,9.722338,1.523032,9.888538,81.140045,84.305984

23.3047676,0.995713,9.734302,1.482354,9.896739,81.385704,84.159576

23.3072815,0.931107,9.741480,1.441676,9.891502,81.619354,84.540161

23.3097973,0.943071,9.760623,1.475175,9.916415,81.444870,84.481216

23.3123112,0.955035,9.768100,1.503889,9.929227,81.288406,84.415894

23.3148289,0.952643,9.792028,1.470389,9.947532,81.499702,84.443321

23.3173428,0.978964,9.832706,1.511068,9.996189,81.305588,84.314255

23.3198586,1.007677,9.806385,1.479961,9.968494,81.462090,84.133034

23.3223743,0.986142,9.758230,1.465604,9.916831,81.501152,84.229424

23.3248882,0.983749,9.760623,1.484746,9.921794,81.393646,84.244736

23.3274059,0.971785,9.765409,1.477568,9.924252,81.437706,84.317032

23.3299198,0.971785,9.760623,1.467997,9.918122,81.488289,84.314270

23.3324356,0.976571,9.760623,1.489532,9.921802,81.365700,84.286453

23.3349495,0.976571,9.739087,1.487139,9.900257,81.360779,84.273903

23.3374672,0.969392,9.736694,1.515853,9.901553,81.193817,84.314331

23.3399830,0.976571,9.688838,1.523032,9.856313,81.110840,84.244400

23.3424969,1.029213,9.640982,1.532603,9.816144,81.017609,83.906525

23.3450127,1.024427,9.643374,1.525424,9.816875,81.060699,83.936142

23.3475285,1.019642,9.650553,1.491925,9.818283,81.259834,83.968719

23.3500443,1.055534,9.609875,1.525424,9.787275,81.033440,83.731850

23.3525581,1.000499,9.602696,1.537389,9.776316,80.952316,84.051849

23.3550739,1.019642,9.571589,1.585544,9.755457,80.646286,83.919334

23.3575916,1.022034,9.585947,1.564009,9.766323,80.784798,83.914230

23.3601055,1.031606,9.590733,1.552045,9.770118,80.859482,83.860710

23.3626213,1.000499,9.614660,1.573580,9.793817,80.754166,84.059196

23.3651352,0.981356,9.609875,1.566401,9.786029,80.789330,84.169189

23.3676548,0.966999,9.619446,1.571187,9.794766,80.769257,84.259598

23.3701706,0.926321,9.631411,1.559223,9.800679,80.845726,84.506355

23.3726864,0.933500,9.612267,1.546960,9.780602,80.899536,84.453087

23.3752022,0.914357,9.619446,1.566401,9.788943,80.792091,84.570175

23.3777161,0.897608,9.636196,1.571187,9.804622,80.778610,84.678276

23.3802319,0.890429,9.645767,1.568794,9.812991,80.800697,84.725807

23.3827477,0.895215,9.648160,1.566401,9.815396,80.817123,84.698929

23.3852634,0.847059,9.640982,1.537389,9.799469,80.973869,84.978874

23.3877716,0.818345,9.645767,1.578366,9.808249,80.739571,85.150650

23.3902874,0.825524,9.672089,1.554437,9.830924,80.902374,85.121567

23.3928013,0.820738,9.688838,1.566401,9.848899,80.848625,85.158051

23.3953190,0.839881,9.705587,1.578366,9.868894,80.796967,85.054184

23.3978348,0.801596,9.688838,1.554437,9.845426,80.915886,85.270470

23.4003487,0.815953,9.707980,1.564009,9.866954,80.879593,85.195602

23.4028645,0.808774,9.679267,1.583151,9.841173,80.742592,85.223610

23.4053783,0.801596,9.710373,1.578366,9.870418,80.798401,85.280907

23.4078941,0.806381,9.693624,1.592723,9.856640,80.700874,85.244698

23.4104099,0.789631,9.715159,1.580758,9.874545,80.788216,85.353310

23.4129257,0.748953,9.684052,1.583151,9.841146,80.742569,85.577614

23.4154415,0.710668,9.693624,1.556830,9.843532,80.900024,85.806976

23.4179554,0.720240,9.696016,1.542174,9.844276,80.987091,85.751755

23.4204712,0.693919,9.772886,1.539781,9.917749,81.068405,85.938560

23.4229851,0.619741,9.763016,1.518246,9.899779,81.178215,86.367828

23.4255028,0.641276,9.787243,1.518246,9.925040,81.200844,86.251244

23.4280167,0.614955,9.796814,1.544567,9.936872,81.057800,86.408203

23.4305344,0.629312,9.777672,1.539781,9.918157,81.068779,86.317398

23.4330502,0.677169,9.782457,1.573580,9.931323,80.883286,86.040146

23.4355640,0.660419,9.772886,1.585544,9.922671,80.805290,86.134018

23.4380798,0.643669,9.755837,1.580758,9.904013,80.815865,86.225220

23.4405937,0.674776,9.729516,1.571187,9.878635,80.848297,86.032692

23.4431114,0.665205,9.724730,1.592723,9.876722,80.719948,86.086868

23.4456253,0.681954,9.667302,1.595115,9.821720,80.653366,85.964905

23.4481392,0.722632,9.636196,1.626222,9.799136,80.447243,85.711334

23.4506550,0.736989,9.662517,1.609472,9.823328,80.570038,85.638321

23.4531689,0.772882,9.631411,1.599901,9.793932,80.598236,85.412079

23.4556847,0.811167,9.619446,1.571187,9.780611,80.755775,85.179893

23.4581985,0.784846,9.585947,1.590330,9.748616,80.611153,85.319366

23.4607162,0.811167,9.583553,1.614258,9.752349,80.472267,85.161926

23.4632301,0.842274,9.643374,1.686043,9.825825,80.119545,85.008331

23.4657459,0.825524,9.636196,1.650150,9.811257,80.317429,85.103477

23.4682598,0.835095,9.621839,1.616651,9.792381,80.497375,85.039635

23.4707756,0.830309,9.626625,1.595115,9.793147,80.625854,85.070358

23.4732933,0.835095,9.655338,1.566401,9.817156,80.818787,85.056763

23.4758072,0.847059,9.652946,1.566401,9.815828,80.817528,84.985062

23.4783230,0.818345,9.645767,1.590330,9.810182,80.670601,85.150650

23.4808369,0.799203,9.674481,1.604687,9.839173,80.613609,85.277557

23.4833527,0.780060,9.688838,1.552045,9.843319,80.928032,85.396973

23.4858665,0.772882,9.662517,1.513460,9.810818,81.125862,85.426781

23.4883881,0.772882,9.667302,1.513460,9.815531,81.130157,85.429039

23.4909039,0.760918,9.710373,1.525424,9.858867,81.099083,85.519386

23.4934177,0.736989,9.710373,1.523032,9.856679,81.111176,85.659737

23.4959335,0.763310,9.717552,1.513460,9.864281,81.174347,85.508659

23.4984512,0.756132,9.722338,1.515853,9.868810,81.164368,85.552910

23.5009651,0.732204,9.712767,1.479961,9.852118,81.360466,85.688873

23.5034809,0.729811,9.710373,1.508675,9.853936,81.193161,85.701851

23.5059948,0.732204,9.734302,1.515853,9.878794,81.173370,85.698372

23.5085068,0.741775,9.753445,1.527817,9.900209,81.122543,85.650879

23.5110207,0.736989,9.753445,1.530210,9.900221,81.108536,85.678833

23.5135384,0.756132,9.727123,1.520639,9.874260,81.141182,85.555084

23.5160522,0.780060,9.743873,1.518246,9.892251,81.171448,85.422859

23.5185680,0.777667,9.696016,1.511068,9.843822,81.169945,85.414421

23.5210819,0.803988,9.722338,1.544567,9.877041,81.003189,85.272682

23.5235977,0.772882,9.698409,1.518246,9.846906,81.130463,85.443634

23.5261135,0.765703,9.667302,1.513460,9.814968,81.129646,85.471313

23.5286312,0.782453,9.681660,1.530210,9.833022,81.047272,85.379509

23.5311489,0.787239,9.669696,1.525424,9.820880,81.064377,85.345642

23.5336628,0.801596,9.631411,1.527817,9.784725,81.016899,85.242393

23.5361786,0.799203,9.619446,1.564009,9.778476,80.796356,85.250664

23.5386944,0.777667,9.588340,1.571187,9.747290,80.723900,85.363144

23.5412083,0.803988,9.562018,1.554437,9.720847,80.798470,85.193794

23.5437260,0.813560,9.550055,1.573580,9.712959,80.676514,85.130783

23.5462399,0.818345,9.583553,1.556830,9.743608,80.805893,85.119316

23.5487556,0.815953,9.573982,1.573580,9.736687,80.699440,85.128677

23.5512695,0.818345,9.583553,1.587937,9.748627,80.625420,85.119316

23.5537853,0.849452,9.535697,1.564009,9.700372,80.721596,84.909454

23.5563030,0.827917,9.559626,1.592723,9.726698,80.575516,85.050217

23.5588169,0.792024,9.569197,1.583151,9.731557,80.637383,85.268524

23.5613327,0.844666,9.559626,1.530210,9.718100,80.940514,84.950592

23.5638466,0.827917,9.564411,1.568794,9.727513,80.719154,85.052681

23.5663624,0.825524,9.609875,1.590330,9.775496,80.637207,85.090134

23.5688763,0.818345,9.595518,1.575973,9.758450,80.706131,85.125374

23.5713921,0.835095,9.655338,1.559223,9.816013,80.860146,85.056763

23.5739059,0.835095,9.686445,1.534996,9.842805,81.028046,85.072556

23.5764217,0.837488,9.640982,1.542174,9.799398,80.945473,85.035324

23.5789375,0.849452,9.703195,1.549353,9.862761,80.961899,84.996880

23.5814514,0.849452,9.724730,1.559223,9.885501,80.924934,85.007904

23.5839691,0.837488,9.712767,1.564009,9.873466,80.885658,85.071831

23.5864830,0.815953,9.712767,1.539781,9.867854,81.022873,85.197960

23.5890007,0.827917,9.691231,1.530210,9.846164,81.059319,85.117111

23.5915146,0.859023,9.727123,1.573580,9.890956,80.845757,84.953178

23.5940304,0.830309,9.693624,1.568794,9.854789,80.840057,85.104271

23.5965462,0.856631,9.727123,1.542174,9.885800,81.025261,84.967163

23.5990620,0.854238,9.696016,1.566401,9.858807,80.857903,84.965134

23.6015778,0.835095,9.710373,1.544567,9.867847,80.994736,85.084641

23.6040916,0.825524,9.700802,1.559223,9.859930,80.901199,85.135933

23.6066074,0.861416,9.674481,1.587937,9.841705,80.714867,84.911797

23.6091213,0.863809,9.679267,1.609472,9.850116,80.595917,84.900253

23.6116371,0.849452,9.674481,1.564009,9.836833,80.851425,84.982109

23.6141548,0.878465,9.703195,1.539781,9.863803,81.019157,84.826912

23.6166687,0.892822,9.672089,1.542174,9.834873,80.978401,84.726021

23.6191845,0.856631,9.660124,1.604687,9.829895,80.604668,84.932442

23.6216984,0.873679,9.676874,1.571187,9.842450,80.814362,84.841019

23.6242142,0.876072,9.660124,1.597508,9.830439,80.647598,84.818047

23.6267300,0.916750,9.643374,1.609472,9.819649,80.566475,84.569481

23.6292458,0.890429,9.631411,1.604687,9.804690,80.580299,84.717987

23.6317616,0.871287,9.593125,1.616651,9.767331,80.472778,84.810402

23.6342754,0.847059,9.629018,1.599901,9.797713,80.601898,84.972664

23.6367912,0.863809,9.629018,1.583151,9.796454,80.699959,84.873779

23.6393051,0.849452,9.617053,1.573580,9.781893,80.742798,84.952293

23.6418209,0.878465,9.631411,1.587937,9.800883,80.675850,84.788567

23.6443367,0.892822,9.650553,1.575973,9.819063,80.764000,84.714317

23.6468525,0.883251,9.585947,1.585544,9.756252,80.647057,84.735619

23.6493683,0.851845,9.626625,1.602294,9.796167,80.586212,84.943161

23.6518822,0.885643,9.602696,1.621436,9.778813,80.455643,84.730598

23.6543980,0.876072,9.629018,1.580758,9.797157,80.714813,84.801399

23.6569138,0.863809,9.605089,1.604687,9.776447,80.552834,84.861076

23.6594296,0.868595,9.629018,1.583151,9.796878,80.700363,84.845528

23.6619434,0.878465,9.636196,1.566401,9.802122,80.804581,84.791138

23.6644592,0.878465,9.597911,1.546960,9.761387,80.881462,84.770477

23.6669731,0.892822,9.679267,1.559223,9.844619,80.886932,84.729912

23.6694889,0.856631,9.664909,1.587937,9.831879,80.705505,84.934937

23.6720066,0.897608,9.655338,1.552045,9.820393,80.906677,84.688766

23.6745205,0.861416,9.621839,1.587937,9.789962,80.665352,84.884109

23.6770363,0.830309,9.643374,1.578366,9.806902,80.738281,85.078880

23.6795502,0.866202,9.650553,1.552045,9.812865,80.899643,84.871063

23.6820660,0.888036,9.657731,1.566401,9.824153,80.825378,84.746376

23.6845798,0.866202,9.676874,1.539781,9.836824,80.994324,84.884941

23.6870975,0.844666,9.667302,1.573580,9.830888,80.789337,85.006546

23.6895943,0.847059,9.660124,1.592723,9.827119,80.672691,84.988770

23.6921101,0.861416,9.645767,1.556830,9.808496,80.867241,84.896736

23.6946239,0.815953,9.700802,1.556830,9.858755,80.914192,85.192062

23.6971397,0.787239,9.676874,1.539781,9.830186,80.988190,85.349083

23.6996536,0.806381,9.676874,1.549353,9.833241,80.934540,85.236504

23.7021694,0.847059,9.705587,1.539781,9.863410,81.018799,85.012123

23.7046833,0.815953,9.684052,1.518246,9.836245,81.120773,85.183784

23.7071991,0.818345,9.667302,1.552045,9.825236,80.911194,85.161400

23.7097340,0.847059,9.679267,1.568794,9.842094,80.828140,84.998634

23.7122498,0.859023,9.664909,1.542174,9.824800,80.969078,84.920860

23.7147636,0.808774,9.650553,1.532603,9.804905,81.007233,85.209465

23.7172794,0.835095,9.648160,1.549353,9.807388,80.910446,85.053101

23.7197952,0.815953,9.667302,1.580758,9.829614,80.745743,85.175476

23.7223110,0.799203,9.664909,1.602294,9.829371,80.618301,85.272896

23.7248268,0.818345,9.657731,1.539781,9.813887,80.973099,85.156624

23.7273407,0.839881,9.662517,1.520639,9.817431,81.089485,85.032249

23.7298870,0.837488,9.688838,1.506282,9.840927,81.195526,85.059723

23.7324142,0.818345,9.700802,1.515853,9.852566,81.149681,85.178032

23.7349300,0.854238,9.664909,1.534996,9.823258,81.010040,84.949013

23.7374477,0.861416,9.672089,1.534996,9.830948,81.017128,84.910545

23.7399635,0.849452,9.650553,1.530210,9.807970,81.024216,84.969727

23.7424793,0.856631,9.643374,1.542174,9.803407,80.949203,84.923683

23.7449970,0.856631,9.693624,1.571187,9.857423,80.828438,84.949860

23.7475128,0.842274,9.650553,1.578366,9.814981,80.745972,85.012024

23.7499809,0.856631,9.617053,1.532603,9.776011,80.980431,84.909866

23.7524986,0.861416,9.645767,1.532603,9.804679,81.007019,84.896736

23.7550144,0.861416,9.693624,1.520639,9.849910,81.119102,84.921799

23.7575283,0.839881,9.674481,1.534996,9.831439,81.017586,85.038361

23.7600441,0.842274,9.669696,1.508675,9.822859,81.165077,85.021851

23.7625580,0.818345,9.660124,1.494318,9.809214,81.237549,85.157822

23.7650738,0.849452,9.624231,1.503889,9.777989,81.152588,84.956039

23.7675896,0.871287,9.624231,1.515853,9.781757,81.085098,84.827087

23.7701111,0.849452,9.650553,1.513460,9.805371,81.120895,84.969727

23.7726288,0.861416,9.684052,1.503889,9.837915,81.206909,84.916801

23.7751427,0.842274,9.707980,1.518246,9.862017,81.144165,85.041382

23.7776585,0.878465,9.681660,1.537389,9.842245,81.013428,84.815468

23.7801723,0.849452,9.674481,1.561616,9.836452,80.865189,84.982109

23.7826900,0.859023,9.662517,1.544567,9.822823,80.953110,84.919609

23.7852058,0.823131,9.676874,1.559223,9.836189,80.879051,85.138031

23.7877197,0.796810,9.669696,1.559223,9.826958,80.870415,85.289314

23.7902355,0.794417,9.648160,1.604687,9.812905,80.588257,85.292953

23.7927494,0.820738,9.662517,1.587937,9.826464,80.700340,85.144928

23.7952671,0.823131,9.657731,1.566401,9.818499,80.820053,85.128441

23.7977810,0.861416,9.631411,1.575973,9.797438,80.743439,84.889168

23.8002968,0.854238,9.652946,1.611865,9.823807,80.556351,84.942780

23.8028126,0.844666,9.633803,1.604687,9.802992,80.578651,84.989273

23.8053284,0.873679,9.645767,1.592723,9.815340,80.661392,84.824478

23.8078442,0.888036,9.640982,1.559223,9.806544,80.851242,84.737305

23.8103561,0.888036,9.660124,1.564009,9.826124,80.841370,84.747673

23.8128719,0.907179,9.619446,1.585544,9.791356,80.680885,84.612556

23.8153858,0.902393,9.629018,1.549353,9.794529,80.898407,84.646103

23.8179035,0.880858,9.643374,1.564009,9.809011,80.825249,84.780899

23.8204193,0.871287,9.633803,1.539781,9.794909,80.955460,84.832199

23.8229332,0.890429,9.669696,1.564009,9.835752,80.850410,84.738785

23.8254490,0.885643,9.681660,1.559223,9.846323,80.888519,84.773331

23.8279629,0.851845,9.691231,1.568794,9.854274,80.839569,84.976700

23.8304825,0.844666,9.703195,1.546960,9.861974,80.975250,85.024925

23.8329964,0.825524,9.731909,1.571187,9.892430,80.861168,85.151405

23.8355141,0.842274,9.739087,1.573580,9.901282,80.855385,85.057137

23.8380299,0.827917,9.751051,1.559223,9.909572,80.947166,85.146919

23.8405437,0.837488,9.782457,1.566401,9.942408,80.935425,85.106773

23.8430595,0.806381,9.734302,1.564009,9.892068,80.902939,85.264481

23.8455734,0.794417,9.715159,1.537389,9.868079,81.037148,85.325272

23.8480911,0.823131,9.760623,1.554437,9.917842,80.982773,85.179550

23.8506012,0.787239,9.758230,1.532603,9.909171,81.102623,85.387688

23.8531170,0.813560,9.758230,1.546960,9.913527,81.022575,85.234177

23.8556309,0.835095,9.751051,1.549353,9.908626,81.004082,85.105042

23.8581486,0.811167,9.755837,1.564009,9.913651,80.922913,85.246971

23.8606644,0.811167,9.782457,1.585544,9.943259,80.824493,85.259850

23.8631783,0.827917,9.717552,1.575973,9.879270,80.820778,85.130272

23.8656940,0.827917,9.712767,1.566401,9.873039,80.871193,85.127884

23.8682079,0.832702,9.729516,1.534996,9.884993,81.066650,85.108253

23.8707237,0.835095,9.684052,1.556830,9.843880,80.900345,85.071342

23.8732376,0.806381,9.684052,1.561616,9.842244,80.870605,85.240021

23.8757553,0.830309,9.636196,1.556830,9.796398,80.855865,85.075233

23.8782711,0.794417,9.660124,1.549353,9.815783,80.918282,85.298759

23.8807850,0.803988,9.657731,1.580758,9.819214,80.735855,85.241203

23.8833008,0.844666,9.633803,1.530210,9.791077,81.008598,84.989273

23.8858147,0.782453,9.660124,1.539781,9.813315,80.972565,85.369255

23.8883324,0.823131,9.631411,1.544567,9.789142,80.921722,85.115189

23.8908520,0.830309,9.609875,1.552045,9.769747,80.859131,85.061813

23.8933678,0.806381,9.648160,1.549353,9.804985,80.908195,85.222397

23.8958836,0.780060,9.607482,1.552045,9.763250,80.852997,85.358170

23.8983974,0.806381,9.636196,1.511068,9.787230,81.118477,85.216492

23.9009132,0.803988,9.624231,1.532603,9.778605,80.982841,85.224716

23.9034290,0.780060,9.624231,1.501496,9.771838,81.161171,85.366211

23.9059448,0.794417,9.624231,1.491925,9.771528,81.217682,85.281303

23.9084606,0.772882,9.645767,1.544567,9.799176,80.931099,85.418877

23.9109688,0.763310,9.614660,1.537389,9.766672,80.943306,85.460793

23.9134827,0.768096,9.633803,1.532603,9.785142,80.988914,85.441490

23.9159985,0.794417,9.681660,1.477568,9.825927,81.351372,85.309174

23.9185143,0.825524,9.672089,1.496711,9.821961,81.234886,85.121567

23.9210281,0.878465,9.676874,1.532603,9.836791,81.036621,84.812920

23.9235458,0.859023,9.715159,1.508675,9.869060,81.206764,84.946999

23.9260597,0.842274,9.696016,1.520639,9.850609,81.119736,85.035294

23.9285755,0.871287,9.712767,1.487139,9.864511,81.329231,84.873985

23.9310875,0.839881,9.719945,1.499103,9.870666,81.264420,85.061455

23.9336052,0.880858,9.691231,1.491925,9.844882,81.283630,84.806526

23.9361210,0.876072,9.703195,1.475175,9.853711,81.390022,84.840927

23.9386349,0.839881,9.662517,1.499103,9.814119,81.213692,85.032249

23.9411507,0.871287,9.648160,1.482354,9.800179,81.300171,84.839844

23.9436646,0.900000,9.652946,1.458425,9.803895,81.444939,84.673378

23.9461803,0.871287,9.633803,1.491925,9.787499,81.232132,84.832199

23.9486942,0.844666,9.633803,1.542174,9.792953,80.939461,84.989273

23.9512138,0.847059,9.662517,1.506282,9.815835,81.172836,84.990005

23.9537296,0.820738,9.638589,1.515853,9.791518,81.094055,85.132935

23.9562435,0.832702,9.681660,1.479961,9.829456,81.340393,85.084190

23.9587612,0.820738,9.707980,1.494318,9.856545,81.279953,85.167557

23.9612751,0.844666,9.684052,1.520639,9.839038,81.109207,85.015137

23.9637909,0.827917,9.679267,1.511068,9.831429,81.158730,85.111099

23.9663048,0.847059,9.669696,1.515853,9.824375,81.124084,84.993706

23.9688206,0.827917,9.707980,1.530210,9.862651,81.074387,85.125496

23.9713364,0.856631,9.667302,1.479961,9.817374,81.329659,84.936180

23.9738503,0.851845,9.672089,1.511068,9.826406,81.154175,84.966805

23.9763660,0.868595,9.679267,1.534996,9.838642,81.024216,84.872147

23.9788799,0.873679,9.681660,1.564009,9.846013,80.860031,84.843559

23.9813957,0.849452,9.667302,1.604687,9.836327,80.610870,84.978401

23.9839115,0.868595,9.652946,1.564009,9.817328,80.833092,84.858238

23.9864273,0.784846,9.631411,1.585544,9.792548,80.682030,85.341370

23.9889431,0.772882,9.593125,1.583151,9.753551,80.658684,85.393845

23.9914589,0.765703,9.619446,1.585544,9.779263,80.669258,85.448883

23.9939766,0.746561,9.578768,1.599901,9.740114,80.545807,85.543427

23.9964905,0.701097,9.607482,1.583151,9.762255,80.667091,85.826294

23.9990063,0.660419,9.626625,1.559223,9.774418,80.820915,86.075462

24.0015202,0.653241,9.593125,1.580758,9.744412,80.664108,86.104477

24.0040359,0.588335,9.619446,1.537389,9.759274,80.936386,86.500092

24.0065536,0.559621,9.688838,1.546960,9.827504,80.943329,86.694305

24.0090675,0.562014,9.722338,1.559223,9.862600,80.903687,86.691612

24.0115795,0.535693,9.719945,1.568794,9.860294,80.845215,86.845459

24.0140934,0.530908,9.734302,1.597508,9.878792,80.693787,86.878189

24.0166111,0.514158,9.739087,1.583151,9.880311,80.779579,86.977974

24.0191250,0.552443,9.775279,1.566401,9.915386,80.910515,86.765411

24.0216408,0.530908,9.739087,1.571187,9.879287,80.848907,86.879723

24.0241547,0.547657,9.741480,1.575973,9.883322,80.824570,86.782272

24.0266705,0.569193,9.746265,1.552045,9.885470,80.967041,86.657661

24.0291862,0.631705,9.693624,1.539781,9.835462,80.993065,86.271477

24.0317020,0.650848,9.736694,1.568794,9.883720,80.867096,86.175766

24.0342178,0.681954,9.748658,1.515853,9.889349,81.182861,85.998466

24.0367317,0.679562,9.731909,1.552045,9.878295,80.960426,86.005623

24.0392494,0.684347,9.758230,1.532603,9.901528,81.095703,85.988403

24.0417633,0.691526,9.777672,1.520639,9.919346,81.181770,85.954491

24.0442791,0.710668,9.746265,1.518246,9.889379,81.168861,85.829544

24.0467949,0.698704,9.741480,1.508675,9.882344,81.218681,85.897507

24.0493088,0.696311,9.755837,1.539781,9.901118,81.053284,85.917503

24.0518246,0.674776,9.784850,1.568794,9.932760,80.912567,86.055054

24.0543385,0.672383,9.746265,1.561616,9.893455,80.918259,86.053490

24.0568542,0.677169,9.729516,1.508675,9.869050,81.206757,86.018669

24.0593700,0.713061,9.722338,1.513460,9.865235,81.175201,85.805290

24.0618858,0.725025,9.724730,1.525424,9.870307,81.109489,85.736214

24.0644016,0.708275,9.705587,1.564009,9.856277,80.869629,85.826180

24.0669155,0.715454,9.674481,1.571187,9.827313,80.800087,85.770523

24.0694313,0.734597,9.674481,1.578366,9.829876,80.760124,85.657784

24.0719490,0.741775,9.676874,1.595115,9.835472,80.666557,85.616600

24.0744667,0.708275,9.626625,1.549353,9.776199,80.881195,85.792068

24.0769825,0.701097,9.638589,1.571187,9.790943,80.765617,85.839714

24.0794964,0.725025,9.657731,1.595115,9.815388,80.647285,85.706741

24.0820122,0.703490,9.624231,1.599901,9.781636,80.586311,85.819359

24.0845261,0.691526,9.602696,1.587937,9.757640,80.634155,85.881027

24.0870438,0.681954,9.621839,1.571187,9.773100,80.748611,85.945900

24.0895576,0.665205,9.593125,1.583151,9.745610,80.651009,86.033356

24.0920753,0.681954,9.593125,1.607080,9.750683,80.513390,85.933807

24.0945911,0.653241,9.571589,1.626222,9.730706,80.379433,86.095741

24.0971050,0.648455,9.566804,1.616651,9.724083,80.430008,86.122322

24.0996208,0.650848,9.585947,1.578366,9.736797,80.671005,86.115807

24.1021366,0.605384,9.595518,1.611865,9.748773,80.482994,86.389977

24.1046524,0.619741,9.547662,1.619044,9.703773,80.395462,86.286125

24.1071663,0.646062,9.602696,1.607080,9.757657,80.520233,86.150986

24.1096821,0.677169,9.559626,1.602294,9.716601,80.508415,85.948143

24.1121922,0.672383,9.552447,1.631008,9.713987,80.334084,85.973671

24.1147099,0.689133,9.564411,1.604687,9.722546,80.499977,85.878860

24.1172256,0.703490,9.600304,1.602294,9.758488,80.549530,85.808975

24.1197395,0.753739,9.631411,1.561616,9.786258,80.817924,85.525246

24.1222553,0.722632,9.621839,1.573580,9.776406,80.737556,85.704956

24.1247692,0.715454,9.640982,1.580758,9.795877,80.713585,85.755882

24.1272869,0.748953,9.674481,1.578366,9.830959,80.761147,85.573257

24.1298008,0.772882,9.710373,1.575973,9.867744,80.809967,85.449226

24.1323185,0.777667,9.729516,1.532603,9.880137,81.076271,85.430138

24.1348362,0.799203,9.743873,1.552045,9.899021,80.979507,85.311035

24.1373501,0.789631,9.736694,1.578366,9.895351,80.821793,85.363541

24.1398659,0.808774,9.758230,1.556830,9.914680,80.965874,85.262085

24.1423798,0.803988,9.746265,1.566401,9.904025,80.900002,85.284241

24.1448956,0.803988,9.727123,1.542174,9.881378,81.021217,85.275002

24.1474133,0.815953,9.727123,1.549353,9.883481,80.981010,85.205009

24.1499271,0.837488,9.715159,1.532603,9.870895,81.067848,85.073044

24.1524372,0.808774,9.741480,1.506282,9.890370,81.239891,85.253975

24.1549549,0.801596,9.743873,1.520639,9.894340,81.159302,85.297058

24.1574707,0.792024,9.758230,1.527817,9.908813,81.130310,85.359772

24.1599846,0.806381,9.743873,1.515853,9.893994,81.187035,85.269112

24.1625004,0.808774,9.758230,1.546960,9.913136,81.022217,85.262085

24.1650143,0.801596,9.724730,1.556830,9.881126,80.934937,85.287842

24.1675301,0.827917,9.717552,1.559223,9.876611,80.916702,85.130272

24.1700459,0.868595,9.684052,1.532603,9.842977,81.042297,84.874664

24.1725597,0.866202,9.638589,1.537389,9.798789,80.973236,84.864731

24.1750774,0.895215,9.686445,1.532603,9.847715,81.046646,84.719765

24.1775913,0.885643,9.645767,1.552045,9.809895,80.896858,84.753990

24.1801071,0.931107,9.629018,1.552045,9.797642,80.885376,84.476784

24.1826210,0.907179,9.617053,1.542174,9.782075,80.929298,84.611221

24.1851368,0.876072,9.621839,1.549353,9.785079,80.889542,84.797539

24.1876507,0.919143,9.617053,1.549353,9.784326,80.888832,84.540581

24.1901684,0.923929,9.595518,1.508675,9.757239,81.105179,84.500084

24.1926861,0.904786,9.600304,1.559223,9.768093,80.814919,84.616028

24.1952000,0.914357,9.576375,1.554437,9.744705,80.821190,84.545906

24.1977158,0.902393,9.564411,1.556830,9.732214,80.795036,84.610153

24.2002316,0.888036,9.578768,1.583151,9.749245,80.654526,84.703316

24.2027473,0.878465,9.590733,1.552045,9.755136,80.845322,84.766586

24.2052612,0.835095,9.559626,1.515853,9.715021,81.023354,85.007515

24.2077770,0.888036,9.597911,1.580758,9.767666,80.686531,84.713821

24.2102928,0.892822,9.619446,1.587937,9.790424,80.665802,84.697327

24.2128048,0.900000,9.593125,1.571187,9.762514,80.738487,84.640358

24.2153206,0.909572,9.607482,1.597508,9.781773,80.600647,84.591743

24.2178345,0.931107,9.614660,1.599901,9.791238,80.595627,84.468590

24.2203503,0.950250,9.617053,1.602294,9.795817,80.585876,84.356987

24.2228642,0.959821,9.648160,1.626222,9.831218,80.478706,84.318779

24.2253799,0.969392,9.626625,1.595115,9.805918,80.638168,84.249748

24.2278957,0.955035,9.669696,1.602294,9.847967,80.636177,84.359428

24.2304115,0.947857,9.703195,1.575973,9.875936,80.817650,84.420761

24.2329254,0.933500,9.703195,1.568794,9.873425,80.857491,84.504745

24.2354393,0.926321,9.698409,1.573580,9.868807,80.825035,84.544075

24.2379551,0.876072,9.717552,1.628615,9.891953,80.523659,84.848503

24.2404709,0.847059,9.755837,1.633401,9.927833,80.530220,85.037689

24.2429867,0.851845,9.806385,1.599901,9.972487,80.768059,85.035385

24.2455006,0.854238,9.734302,1.652543,9.910461,80.401245,84.984833

24.2480164,0.830309,9.734302,1.654936,9.908828,80.385612,85.124626

24.2505302,0.770489,9.775279,1.619044,9.938362,80.624245,85.493256

24.2530479,0.765703,9.696016,1.619044,9.860038,80.549088,85.484673

24.2555637,0.782453,9.719945,1.611865,9.883708,80.614105,85.397629

24.2580776,0.825524,9.664909,1.597508,9.830768,80.647919,85.117958

24.2605934,0.782453,9.674481,1.599901,9.837048,80.639816,85.376091

24.2631073,0.803988,9.684052,1.631008,9.853296,80.472023,85.254082

24.2656250,0.763310,9.681660,1.604687,9.843384,80.617661,85.492073

24.2681408,0.827917,9.669696,1.604687,9.836843,80.611366,85.106285

24.2706547,0.839881,9.674481,1.623829,9.845700,80.506966,85.038361

24.2731419,0.818345,9.626625,1.626222,9.797255,80.445396,85.141052

24.2756557,0.815953,9.626625,1.652543,9.801458,80.293465,85.155190

24.2781696,0.851845,9.660124,1.664507,9.839421,80.260597,84.960602

24.2806835,0.861416,9.645767,1.609472,9.816988,80.563889,84.896736

24.2831993,0.808774,9.624231,1.611865,9.791734,80.525139,85.196426

24.2857132,0.803988,9.652946,1.652543,9.826324,80.318268,85.238853

24.2882271,0.811167,9.638589,1.662114,9.814429,80.249733,85.189423

24.2907410,0.815953,9.667302,1.635793,9.838614,80.429413,85.175476

24.2932873,0.856631,9.640982,1.616651,9.813047,80.517578,84.922432

24.2958088,0.830309,9.624231,1.626222,9.795910,80.444069,85.069145

24.2983227,0.837488,9.626625,1.590330,9.792979,80.654068,85.027954

24.3008385,0.842274,9.593125,1.616651,9.764786,80.470276,84.982315

24.3033524,0.883251,9.569197,1.654936,9.751331,80.228821,84.726456

24.3058701,0.914357,9.581161,1.635793,9.762711,80.354294,84.548607

24.3083858,0.935893,9.576375,1.678864,9.767365,80.102562,84.418243

24.3108997,0.940678,9.554840,1.631008,9.738585,80.358727,84.377327

24.3134117,0.892822,9.585947,1.611865,9.761436,80.495453,84.678902

24.3159256,0.897608,9.571589,1.638186,9.752163,80.329498,84.642563

24.3184414,0.928714,9.545269,1.635793,9.728848,80.320396,84.442856

24.3209553,0.897608,9.550055,1.635793,9.730625,80.322182,84.630554

24.3234711,0.964607,9.557233,1.611865,9.740086,80.474426,84.236687

24.3259869,0.952643,9.585947,1.587937,9.763168,80.639503,84.324631

24.3285027,1.000499,9.593125,1.585544,9.774610,80.664780,84.045959

24.3310184,0.959821,9.633803,1.580758,9.809700,80.726791,84.310364

24.3335304,0.943071,9.619446,1.578366,9.793588,80.725586,84.400726

24.3360462,0.983749,9.636196,1.619044,9.820659,80.510841,84.170929

24.3385601,0.950250,9.643374,1.592723,9.820103,80.665962,84.372292

24.3410759,0.995713,9.674481,1.559223,9.849782,80.891747,84.123718

24.3435898,0.966999,9.681660,1.559223,9.853973,80.895653,84.296242

24.3461056,0.990928,9.664909,1.595115,9.845650,80.676292,84.146011

24.3486214,0.945464,9.703195,1.597508,9.879166,80.694138,84.434761

24.3511372,0.909572,9.686445,1.597508,9.859340,80.675262,84.635574

24.3536530,0.923929,9.715159,1.578366,9.885809,80.812851,84.567413

24.3561668,0.890429,9.691231,1.599901,9.862682,80.664360,84.750412

24.3586826,0.863809,9.727123,1.583151,9.892900,80.791420,84.925209

24.3611984,0.890429,9.710373,1.585544,9.879178,80.764458,84.760704

24.3637142,0.914357,9.655338,1.590330,9.828060,80.687729,84.590240

24.3662281,0.933500,9.648160,1.611865,9.826318,80.558792,84.473595

24.3687439,0.885643,9.640982,1.590330,9.811322,80.671700,84.751404

24.3712578,0.873679,9.655338,1.599901,9.825912,80.629112,84.829575

24.3737698,0.902393,9.638589,1.654936,9.821177,80.298981,84.651390

24.3762875,0.888036,9.655338,1.609472,9.828762,80.575302,84.745087

24.3788013,0.888036,9.626625,1.623829,9.802925,80.465157,84.729500

24.3813171,0.880858,9.624231,1.642972,9.803117,80.351875,84.770576

24.3838310,0.919143,9.619446,1.642972,9.801934,80.350700,84.541931

24.3863468,0.892822,9.576375,1.626222,9.754419,80.403038,84.673615

24.3888607,0.842274,9.593125,1.669293,9.773639,80.165932,84.982315

24.3913765,0.837488,9.602696,1.671686,9.783031,80.161240,85.015625

24.3938980,0.835095,9.631411,1.690828,9.814293,80.079460,85.044540

24.3964119,0.837488,9.633803,1.714756,9.820995,79.944557,85.031639

24.3989277,0.849452,9.645767,1.705185,9.832092,80.012657,84.967247

24.4014416,0.859023,9.652946,1.676471,9.835032,80.185486,84.914597

24.4039574,0.859023,9.676874,1.676471,9.858518,80.209091,84.927109

24.4064713,0.842274,9.688838,1.745863,9.880842,79.822876,85.031631

24.4089870,0.902393,9.703195,1.760220,9.902761,79.761246,84.686798

24.4115047,0.863809,9.698409,1.788934,9.899777,79.589203,84.910263

24.4140167,0.854238,9.688838,1.755435,9.883565,79.769333,84.961418

24.4165325,0.842274,9.660124,1.698007,9.844320,80.067612,85.016937

24.4190464,0.851845,9.655338,1.709971,9.842520,79.995064,84.958122

24.4215622,0.868595,9.662517,1.721935,9.853108,79.935272,84.863304

24.4240761,0.847059,9.636196,1.721935,9.825418,79.906616,84.976387

24.4265938,0.859023,9.619446,1.765006,9.817683,79.643158,84.896980

24.4291077,0.876072,9.617053,1.755435,9.815129,79.697227,84.794968

24.4316235,0.916750,9.562018,1.786541,9.770586,79.464256,84.523560

24.4341431,0.943071,9.550055,1.755435,9.755741,79.633812,84.360306

24.4366570,0.935893,9.562018,1.705185,9.757855,79.935890,84.409920

24.4391727,1.014856,9.605089,1.686043,9.804611,80.097954,83.968613

24.4416885,0.993321,9.602696,1.736292,9.808831,79.804169,84.094223

24.4442043,1.012463,9.609875,1.762613,9.822503,79.662483,83.985703

24.4467201,1.022034,9.648160,1.743470,9.857547,79.812698,83.953178

24.4492340,0.969392,9.669696,1.753042,9.875014,79.774490,84.275192

24.4517498,0.995713,9.664909,1.750649,9.872522,79.785988,84.117935

24.4542656,1.048355,9.662517,1.731506,9.872253,79.898575,83.807793

24.4567814,1.019642,9.669696,1.743470,9.878379,79.834412,83.980568

24.4592953,1.036391,9.703195,1.750649,9.914175,79.829361,83.903389

24.4618130,0.998106,9.688838,1.729113,9.892403,79.933441,84.118362

24.4643288,1.022034,9.705587,1.688435,9.904231,80.184494,83.988693

24.4668427,1.055534,9.712767,1.695614,9.916002,80.154167,83.797729

24.4693584,1.014856,9.669696,1.729113,9.875362,79.915894,84.008614

24.4718723,0.943071,9.643374,1.717149,9.840358,79.950394,84.414536

24.4743919,0.900000,9.626625,1.702792,9.817404,80.011742,84.658897

24.4769077,0.885643,9.626625,1.717149,9.818599,79.927895,84.743622

24.4794235,0.919143,9.617053,1.757827,9.819495,79.687668,84.540581

24.4819393,0.933500,9.607482,1.731506,9.806796,79.830437,84.450340

24.4844532,0.904786,9.578768,1.717149,9.773435,79.880859,84.603996

24.4869690,0.923929,9.550055,1.717149,9.747091,79.853226,84.474068

24.4894848,0.902393,9.526126,1.757827,9.728892,79.590561,84.588615

24.4920006,0.888036,9.545269,1.738685,9.742884,79.720108,84.684837

24.4945221,0.935893,9.547662,1.707578,9.744206,79.907356,84.401566

24.4970360,0.945464,9.533304,1.707578,9.731065,79.893585,84.336220

24.4995518,0.897608,9.511769,1.690828,9.702493,79.963974,84.609070

24.5020695,0.904786,9.533304,1.688435,9.723854,80.000565,84.578415

24.5045834,0.897608,9.514162,1.702792,9.706930,79.896881,84.610420

24.5070992,0.863809,9.518948,1.719542,9.711506,79.801300,84.814827

24.5096149,0.844666,9.530911,1.741078,9.725384,79.687080,84.935455

24.5121307,0.873679,9.621839,1.712364,9.811996,79.949425,84.811676

24.5146275,0.854238,9.619446,1.729113,9.810876,79.848907,84.925262

24.5171413,0.878465,9.576375,1.741078,9.772922,79.737793,84.758781

24.5196571,0.854238,9.605089,1.714756,9.794276,79.916840,84.917717

24.5221710,0.871287,9.655338,1.731506,9.847985,79.873421,84.843658

24.5246868,0.871287,9.664909,1.724328,9.856111,79.924248,84.848740

24.5272007,0.895215,9.629018,1.702792,9.819313,80.013710,84.688454

24.5297165,0.907179,9.636196,1.686043,9.824561,80.118263,84.621864

24.5322323,0.928714,9.621839,1.721935,9.818725,79.899658,84.486801

24.5347652,0.986142,9.633803,1.709971,9.833954,79.986259,84.155403

24.5372791,0.938286,9.624231,1.686043,9.815750,80.109306,84.431717

24.5397949,0.943071,9.614660,1.690828,9.807649,80.072670,84.397957

24.5423088,0.978964,9.593125,1.702792,9.792136,79.985703,84.173225

24.5448265,1.007677,9.578768,1.731506,9.786027,79.808624,83.994629

24.5473423,0.988535,9.588340,1.702792,9.788410,79.981857,84.113739

24.5498562,0.981356,9.585947,1.698007,9.784512,80.006279,84.154739

24.5523720,1.022034,9.588340,1.736292,9.797730,79.792496,83.915733

24.5548859,0.986142,9.595518,1.729113,9.799809,79.837326,84.132248

24.5574017,0.955035,9.602696,1.753042,9.808008,79.703873,84.320328

24.5599155,0.950250,9.605089,1.786541,9.815928,79.513474,84.350006

24.5624332,0.928714,9.614660,1.762613,9.818911,79.658661,84.482712

24.5649490,0.880858,9.619446,1.755435,9.817902,79.700165,84.767982

24.5674629,0.863809,9.631411,1.765006,9.829825,79.656090,84.875046

24.5699787,0.883251,9.662517,1.784148,9.865472,79.580856,84.777107

24.5724945,0.839881,9.648160,1.805684,9.851542,79.438583,85.024895

24.5750103,0.827917,9.633803,1.825125,9.840055,79.310928,85.088142

24.5775242,0.847059,9.664909,1.800898,9.867685,79.484322,84.991241

24.5800419,0.813560,9.662517,1.779363,9.858612,79.601807,85.187187

24.5825577,0.803988,9.664909,1.757827,9.856310,79.726601,85.244720

24.5850716,0.811167,9.645767,1.757827,9.838128,79.707413,85.192986

24.5875874,0.830309,9.643374,1.784148,9.842117,79.555855,85.078880

24.5901031,0.827917,9.679267,1.760220,9.872792,79.729828,85.111099

24.5926189,0.873679,9.660124,1.743470,9.854999,79.810036,84.832123

24.5951385,0.830309,9.672089,1.750649,9.864253,79.777336,85.093422

24.5976524,0.832702,9.686445,1.745863,9.877685,79.819588,85.086609

24.6001701,0.888036,9.681660,1.769791,9.882070,79.683174,84.759293

24.6026840,0.883251,9.648160,1.760220,9.847106,79.702744,84.769379

24.6051998,0.851845,9.617053,1.772184,9.816007,79.598770,84.938148

24.6077175,0.849452,9.640982,1.753042,9.835814,79.733292,84.964760

24.6102314,0.839881,9.643374,1.743470,9.835637,79.789764,85.022438

24.6127472,0.832702,9.621839,1.741078,9.813487,79.780670,85.053780

24.6152573,0.861416,9.629018,1.733899,9.821733,79.831886,84.887901

24.6177731,0.863809,9.590733,1.705185,9.779365,79.958252,84.853424

24.6202869,0.839881,9.593125,1.724328,9.782983,79.848129,84.996498

24.6228027,0.849452,9.581161,1.731506,9.773347,79.795258,84.933487

24.6253185,0.863809,9.583553,1.724328,9.775682,79.840469,84.849586

24.6278343,0.856631,9.573982,1.695614,9.760638,79.995842,84.887085

24.6303482,0.835095,9.595518,1.686043,9.778246,80.070984,85.026100

24.6328640,0.825524,9.607482,1.695614,9.790828,80.027008,85.088921

24.6353817,0.820738,9.593125,1.731506,9.782626,79.805046,85.109978

24.6378956,0.789631,9.638589,1.755435,9.828910,79.711830,85.316559

24.6404114,0.823131,9.624231,1.733899,9.813755,79.823532,85.111565

24.6429272,0.799203,9.624231,1.767399,9.817752,79.629036,85.253014

24.6454430,0.775275,9.662517,1.779363,9.855527,79.598511,85.412682

24.6479588,0.753739,9.681660,1.762613,9.869623,79.712379,85.548370

24.6504726,0.746561,9.676874,1.767399,9.865239,79.679504,85.588432

24.6529903,0.763310,9.681660,1.779363,9.873363,79.617516,85.492073

24.6555042,0.775275,9.681660,1.779363,9.874296,79.618507,85.421715

24.6580200,0.751346,9.700802,1.803291,9.895552,79.500175,85.571167

24.6605339,0.720240,9.609875,1.784148,9.800592,79.511108,85.713814

24.6630516,0.753739,9.614660,1.765006,9.804338,79.628906,85.517479

24.6655674,0.736989,9.614660,1.776970,9.805226,79.558777,85.616699

24.6680813,0.760918,9.597911,1.755435,9.786748,79.667023,85.467102

24.6705971,0.710668,9.566804,1.731506,9.748175,79.768623,85.751595

24.6731129,0.725025,9.557233,1.705185,9.735195,79.912216,85.661774

24.6756248,0.715454,9.564411,1.724328,9.744903,79.808037,85.722031

24.6781387,0.727418,9.581161,1.729113,9.763074,79.798676,85.658333

24.6806545,0.751346,9.576375,1.745863,9.763171,79.698891,85.513863

24.6831684,0.722632,9.559626,1.760220,9.747154,79.595985,85.677109

24.6856861,0.739382,9.609875,1.784148,9.802018,79.512650,85.600342

24.6882019,0.741775,9.614660,1.791327,9.808199,79.476685,85.588348

24.6907158,0.708275,9.588340,1.765006,9.775129,79.597572,85.775322

24.6932316,0.703490,9.609875,1.726721,9.789083,79.840302,85.813133

24.6957493,0.722632,9.638589,1.738685,9.820775,79.802521,85.712395

24.6982651,0.725025,9.609875,1.709971,9.787715,79.938461,85.685448

24.7007790,0.744168,9.612267,1.733899,9.795707,79.804581,85.573074

24.7032967,0.713061,9.650553,1.733899,9.830974,79.841545,85.774200

24.7058125,0.727418,9.652946,1.721935,9.832271,79.913719,85.690498

24.7083263,0.710668,9.614660,1.733899,9.795568,79.804436,85.772667

24.7108421,0.691526,9.629018,1.788934,9.818172,79.501694,85.892250

24.7133579,0.703490,9.686445,1.748256,9.868055,79.795433,85.846115

24.7158699,0.698704,9.660124,1.755435,9.843157,79.726883,85.863075

24.7183838,0.689133,9.624231,1.755435,9.807257,79.688866,85.904388

24.7209015,0.686740,9.645767,1.774577,9.831661,79.601341,85.927643

24.7234173,0.701097,9.619446,1.724328,9.797887,79.863739,85.831467

24.7259312,0.686740,9.672089,1.738685,9.851089,79.834229,85.938683

24.7284470,0.720240,9.660124,1.681257,9.831753,80.153870,85.736031

24.7309608,0.736989,9.662517,1.721935,9.842380,79.924187,85.638321

24.7334785,0.756132,9.657731,1.702792,9.835802,80.030617,85.523277

24.7359905,0.777667,9.669696,1.712364,9.850887,79.989517,85.401993

24.7385063,0.765703,9.715159,1.709971,9.894172,80.047829,85.493530

24.7410202,0.758525,9.734302,1.698007,9.910359,80.134460,85.544350

24.7435379,0.777667,9.700802,1.650150,9.870832,80.376427,85.416672

24.7460537,0.768096,9.736694,1.609472,9.898666,80.642456,85.489464

24.7485676,0.772882,9.691231,1.626222,9.857074,80.503914,85.440277

24.7510834,0.777667,9.664909,1.654936,9.836364,80.314102,85.399719

24.7535973,0.796810,9.664909,1.652543,9.837493,80.329361,85.286987

24.7561169,0.789631,9.686445,1.662114,9.859684,80.294914,85.339600

24.7586346,0.787239,9.746265,1.631008,9.913104,80.530037,85.382050

24.7611485,0.760918,9.727123,1.669293,9.898609,80.291298,85.527069

24.7636642,0.777667,9.763016,1.698007,9.940043,80.164215,85.445755

24.7661781,0.784846,9.755837,1.700400,9.933967,80.144135,85.400528

24.7686939,0.713061,9.727123,1.664507,9.894239,80.315079,85.807350

24.7712097,0.665205,9.777672,1.635793,9.935853,80.523941,86.107994

24.7737255,0.638884,9.777672,1.657329,9.937695,80.399811,86.261543

24.7762337,0.612563,9.724730,1.674079,9.886766,80.251411,86.395691

24.7787495,0.602991,9.664909,1.642972,9.822089,80.370689,86.429955

24.7812634,0.597907,9.621839,1.662114,9.782633,80.217728,86.444183

24.7837791,0.595514,9.569197,1.640579,9.727058,80.290001,86.438942

24.7862949,0.617348,9.581161,1.635793,9.739383,80.330971,86.313324

24.7888088,0.646062,9.502198,1.635793,9.663590,80.254395,86.110397

24.7913265,0.643669,9.463614,1.676471,9.632489,79.977005,86.109009

24.7938404,0.636491,9.458828,1.678864,9.627728,79.957535,86.150330

24.7963619,0.658026,9.458828,1.654936,9.625032,80.099319,86.020493

24.7988777,0.667598,9.451650,1.640579,9.616178,80.176933,85.959740

24.8013916,0.713061,9.449257,1.674079,9.622860,79.981339,85.684517

24.8039074,0.722632,9.489935,1.652543,9.659812,80.149727,85.645485

24.8064213,0.732204,9.554840,1.645365,9.723082,80.257378,85.617889

24.8089390,0.727418,9.590733,1.642972,9.757594,80.306427,85.662651

24.8114529,0.698704,9.636196,1.635793,9.798994,80.390350,85.852837

24.8139687,0.669990,9.657731,1.659722,9.822186,80.271667,86.031548

24.8164768,0.686740,9.664909,1.657329,9.829996,80.293617,85.935677

24.8189926,0.648455,9.696016,1.671686,9.860414,80.239212,86.173843

24.8215065,0.605384,9.751051,1.662114,9.910202,80.344864,86.447411

24.8240223,0.585942,9.748658,1.597508,9.896045,80.710152,86.560379

24.8265400,0.593121,9.758230,1.647758,9.914129,80.432877,86.521751

24.8290539,0.540479,9.770494,1.690828,9.930436,80.196640,86.833771

24.8315697,0.533300,9.748658,1.623829,9.897351,80.556961,86.868759

24.8340836,0.535693,9.731909,1.652543,9.885743,80.377014,86.849335

24.8365993,0.528515,9.719945,1.674079,9.877206,80.241882,86.887650

24.8391132,0.535693,9.684052,1.702792,9.847199,80.042274,86.833794

24.8416290,0.550050,9.739087,1.683650,9.898841,80.207207,86.767448

24.8441448,0.573978,9.746265,1.676471,9.906044,80.256531,86.629623

24.8466587,0.593121,9.686445,1.700400,9.852429,80.061745,86.496040

24.8491745,0.605384,9.688838,1.709971,9.857184,80.010101,86.424660

24.8516884,0.612563,9.696016,1.745863,9.870968,79.812592,86.385048

24.8542061,0.590728,9.743873,1.686043,9.906299,80.200607,86.530655

24.8567181,0.600299,9.743873,1.669293,9.904037,80.296669,86.474586

24.8592339,0.610170,9.717552,1.709971,9.885703,80.039215,86.407089

24.8617477,0.646062,9.758230,1.683650,9.923464,80.231743,86.212151

24.8642635,0.660419,9.727123,1.664507,9.890585,80.311470,86.115891

24.8667793,0.674776,9.734302,1.683650,9.901850,80.210213,86.034637

24.8692932,0.701097,9.719945,1.695614,9.891611,80.129646,85.874413

24.8718090,0.703490,9.753445,1.664507,9.919434,80.339912,85.874550

24.8743229,0.720240,9.763016,1.650150,9.927649,80.432022,85.780807

24.8768387,0.760918,9.719945,1.698007,9.896441,80.120445,85.523781

24.8793526,0.693919,9.729516,1.652543,9.893225,80.384361,85.920517

24.8818684,0.741775,9.736694,1.638186,9.901369,80.476593,85.643425

24.8843822,0.739382,9.717552,1.642972,9.883161,80.430756,85.648903

24.8868980,0.758525,9.760623,1.626222,9.924199,80.568733,85.556320

24.8894138,0.739382,9.669696,1.621436,9.832536,80.508270,85.627449

24.8919277,0.739382,9.621839,1.616651,9.784683,80.489838,85.605789

24.8944435,0.736989,9.657731,1.587937,9.815114,80.689491,85.636169

24.8969631,0.746561,9.640982,1.609472,9.802871,80.550179,85.572067

24.8994808,0.736989,9.576375,1.590330,9.735464,80.598358,85.599243

24.9019966,0.760918,9.595518,1.599901,9.757697,80.563004,85.465973

24.9045105,0.751346,9.535697,1.619044,9.701306,80.392998,85.494804

24.9070263,0.746561,9.509377,1.614258,9.674266,80.394638,85.511040

24.9095402,0.765703,9.523733,1.595115,9.686702,80.521896,85.403336

24.9120560,0.760918,9.504591,1.597508,9.667899,80.488914,85.422783

24.9145718,0.794417,9.477970,1.604687,9.645622,80.423508,85.208824

24.9170856,0.820738,9.492328,1.592723,9.659952,80.509796,85.058304

24.9195995,0.811167,9.538090,1.609472,9.706882,80.455864,85.138977

24.9221153,0.827917,9.559626,1.614258,9.730247,80.450417,85.050217

24.9246311,0.868595,9.562018,1.633401,9.739335,80.345200,84.809608

24.9271450,0.873679,9.612267,1.659722,9.793552,80.242943,84.806534

24.9296608,0.876072,9.681660,1.638186,9.858280,80.434578,84.829514

24.9321747,0.859023,9.688838,1.659722,9.867431,80.316704,84.933342

24.9346905,0.854238,9.724730,1.650150,9.900661,80.405693,84.979919

24.9372044,0.895215,9.734302,1.669293,9.916883,80.309357,84.745575

24.9397202,0.883251,9.789636,1.657329,9.968141,80.429413,84.844559

24.9422340,0.842274,9.760623,1.657329,9.936091,80.398247,85.067993

24.9447498,0.811167,9.710373,1.626222,9.878964,80.525154,85.224823

24.9472656,0.799203,9.753445,1.628615,9.920726,80.551392,85.315620

24.9497814,0.772882,9.734302,1.664507,9.905784,80.326477,85.460365

24.9522972,0.736989,9.676874,1.664507,9.846605,80.267776,85.644768

24.9548111,0.727418,9.722338,1.599901,9.879912,80.680786,85.721146

24.9573269,0.696311,9.698409,1.642972,9.861204,80.409241,85.893410

24.9598408,0.665205,9.650553,1.638186,9.811184,80.388229,86.056885

24.9623566,0.677169,9.657731,1.678864,9.825931,80.162140,85.989166

24.9648724,0.607777,9.638589,1.695614,9.805452,80.042038,86.391899

24.9673862,0.588335,9.648160,1.666900,9.808756,80.215668,86.510483

24.9699020,0.605384,9.640982,1.659722,9.801515,80.250946,86.406960

24.9724159,0.593121,9.633803,1.642972,9.790879,80.339699,86.476936

24.9749317,0.581157,9.652946,1.674079,9.814257,80.178680,86.554657

24.9774494,0.593121,9.638589,1.700400,9.805384,80.013573,86.478683

24.9799652,0.593121,9.609875,1.690828,9.775499,80.039688,86.468185

24.9824810,0.588335,9.578768,1.690828,9.744631,80.007813,86.485268

24.9849968,0.624527,9.595518,1.683650,9.762104,80.068657,86.276138

24.9875126,0.655633,9.643374,1.743470,9.821620,79.775040,86.110565

24.9900265,0.681954,9.633803,1.688435,9.804389,80.083534,85.950920

24.9925423,0.662812,9.605089,1.674079,9.772389,80.136185,86.052490

24.9950562,0.643669,9.681660,1.688435,9.848841,80.128738,86.196381

24.9975719,0.674776,9.640982,1.705185,9.813842,79.993896,85.996376

25.0000877,0.679562,9.674481,1.700400,9.846256,80.055450,85.981987

25.0026016,0.693919,9.672089,1.683650,9.842028,80.150116,85.896378

25.0051174,0.674776,9.681660,1.707578,9.854221,80.021194,86.013145

25.0076313,0.729811,9.693624,1.695614,9.867830,80.105621,85.694450

25.0101471,0.696311,9.700802,1.695614,9.872462,80.110306,85.894424

25.0126629,0.748953,9.679267,1.686043,9.853521,80.147598,85.575439

25.0151787,0.770489,9.672089,1.676471,9.846498,80.197021,85.445374

25.0176907,0.789631,9.688838,1.674079,9.864058,80.228752,85.340744

25.0202065,0.827917,9.679267,1.681257,9.859020,80.181374,85.111099

25.0227222,0.861416,9.686445,1.688435,9.870161,80.150276,84.918053

25.0252361,0.832702,9.669696,1.695614,9.852488,80.090057,85.078140

25.0277519,0.825524,9.662517,1.714756,9.848152,79.972572,85.116753

25.0302658,0.844666,9.688838,1.676471,9.869022,80.219620,85.017586

25.0327816,0.837488,9.686445,1.698007,9.869743,80.093452,85.058510

25.0352955,0.842274,9.729516,1.712364,9.914893,80.054802,85.052299

25.0378056,0.878465,9.696016,1.659722,9.876189,80.325371,84.823105

25.0403194,0.842274,9.696016,1.702792,9.880367,80.076042,85.035294

25.0428352,0.827917,9.707980,1.681257,9.887212,80.209648,85.125496

25.0453491,0.823131,9.705587,1.731506,9.893133,79.920120,85.152344

25.0478649,0.820738,9.712767,1.714756,9.897062,80.022636,85.169922

25.0503788,0.830309,9.731909,1.693221,9.912944,80.165138,85.123436

25.0528946,0.832702,9.731909,1.695614,9.913554,80.151711,85.109451

25.0554104,0.847059,9.722338,1.669293,9.900904,80.293564,85.020676

25.0579281,0.823131,9.698409,1.690828,9.879047,80.145134,85.148773

25.0604439,0.832702,9.676874,1.664507,9.854231,80.275375,85.081772

25.0629578,0.900000,9.667302,1.671686,9.851968,80.230766,84.681244

25.0654736,0.851845,9.652946,1.702792,9.838928,80.033821,84.956879

25.0679913,0.878465,9.636196,1.717149,9.827338,79.936943,84.791138

25.0705051,0.931107,9.614660,1.721935,9.811916,79.892578,84.468590

25.0730209,0.892822,9.588340,1.698007,9.778376,79.999939,84.680222

25.0755348,0.883251,9.559626,1.666900,9.743979,80.149979,84.721207

25.0780468,0.938286,9.571589,1.681257,9.763315,80.084160,84.401283

25.0805607,0.940678,9.576375,1.657329,9.764147,80.227524,84.389885

25.0830765,0.890429,9.547662,1.623829,9.725612,80.388641,84.671921

25.0855904,0.866202,9.545269,1.647758,9.725100,80.245117,84.814796

25.0881062,0.837488,9.523733,1.676471,9.706361,80.054062,84.974510

25.0906200,0.892822,9.494720,1.654936,9.679135,80.155212,84.628075

25.0931358,0.897608,9.516555,1.659722,9.701815,80.149773,84.611763

25.0956497,0.847059,9.533304,1.690828,9.719069,79.981262,84.922455

25.0981750,0.856631,9.542876,1.693221,9.729712,79.978027,84.870506

25.1006908,0.902393,9.557233,1.705185,9.750009,79.927704,84.606125

25.1032066,0.888036,9.530911,1.714756,9.724570,79.843796,84.676872

25.1057205,0.847059,9.547662,1.709971,9.736496,79.884979,84.930046

25.1082363,0.859023,9.595518,1.690828,9.781145,80.045502,84.884323

25.1107502,0.835095,9.581161,1.743470,9.774237,79.724930,85.018684

25.1132660,0.811167,9.583553,1.698007,9.766561,79.987717,85.161926

25.1157818,0.835095,9.629018,1.714756,9.816097,79.939484,85.043312

25.1182880,0.878465,9.619446,1.726721,9.812594,79.864899,84.782120

25.1208019,0.873679,9.652946,1.674079,9.835915,80.200516,84.828300

25.1233177,0.871287,9.684052,1.666900,9.865017,80.272011,84.858871

25.1258316,0.856631,9.669696,1.676471,9.851264,80.201813,84.937431

25.1283493,0.878465,9.652946,1.693221,9.839617,80.091103,84.800125

25.1308632,0.890429,9.624231,1.714756,9.816266,79.939659,84.714073

25.1333790,0.895215,9.631411,1.743470,9.828793,79.782578,84.689766

25.1358929,0.921536,9.612267,1.705185,9.805741,79.985542,84.523743

25.1384106,0.950250,9.621839,1.772184,9.829720,79.613441,84.359779

25.1409264,0.940678,9.648160,1.767399,9.853708,79.667297,84.431366

25.1434402,1.002892,9.629018,1.698007,9.828886,80.051857,84.053909

25.1459560,0.974178,9.643374,1.717149,9.843388,79.953522,84.231522

25.1484699,0.978964,9.669696,1.760220,9.877234,79.734497,84.219055

25.1509857,0.998106,9.669696,1.762613,9.879577,79.722855,84.106796

25.1534996,1.002892,9.681660,1.769791,9.893053,79.694748,84.086006

25.1560154,0.986142,9.676874,1.743470,9.882007,79.838188,84.181244

25.1585312,1.000499,9.698409,1.786541,9.912208,79.616470,84.110138

25.1610470,1.038784,9.729516,1.805684,9.950027,79.544296,83.905830

25.1635628,1.010070,9.712767,1.820340,9.933364,79.440582,84.062920

25.1660767,0.952643,9.693624,1.827518,9.910282,79.373482,84.387268

25.1685925,0.959821,9.698409,1.781756,9.907323,79.639427,84.348022

25.1711063,0.974178,9.657731,1.805684,9.873260,79.462082,84.240044

25.1736221,1.000499,9.662517,1.776970,9.875366,79.633759,84.088409

25.1761379,1.033998,9.645767,1.817947,9.869899,79.386024,83.881424

25.1786556,0.993321,9.626625,1.808077,9.845189,79.417519,84.108803

25.1811714,1.022034,9.590733,1.798505,9.811286,79.437393,83.917244

25.1836853,1.067498,9.576375,1.798505,9.802098,79.427376,83.639381

25.1862011,1.067498,9.552447,1.810469,9.780931,79.332924,83.623581

25.1887150,1.093819,9.530911,1.812862,9.763257,79.299095,83.453072

25.1912327,1.093819,9.557233,1.812862,9.788954,79.327515,83.470947

25.1937485,1.141975,9.552447,1.788934,9.785379,79.466110,83.182770

25.1962624,1.100998,9.499506,1.750649,9.722015,79.626129,83.388885

25.1987801,1.100998,9.509377,1.745863,9.730801,79.664246,83.395691

25.2012939,1.122533,9.533304,1.776970,9.762254,79.512291,83.284424

25.2038097,1.141975,9.559626,1.762613,9.787612,79.625221,83.187836

25.2063236,1.115354,9.552447,1.757827,9.776668,79.641991,83.340233

25.2088413,1.124926,9.581161,1.745863,9.803679,79.741913,83.303551

25.2113571,1.103390,9.576375,1.726721,9.793160,79.844574,83.427361

25.2138710,1.091426,9.554840,1.776970,9.779765,79.531281,83.483490

25.2163868,1.084248,9.547662,1.695614,9.757486,79.992584,83.521156

25.2189026,1.091426,9.559626,1.707578,9.772077,79.936440,83.486717

25.2214184,1.067498,9.597911,1.733899,9.811517,79.821190,83.653534

25.2239342,1.033998,9.588340,1.721935,9.796453,79.876457,83.845055

25.2264481,1.057927,9.595518,1.738685,9.808986,79.790131,83.708427

25.2289639,1.043570,9.602696,1.767399,9.819598,79.631004,83.797737

25.2314777,1.022034,9.581161,1.745863,9.792407,79.729973,83.911209

25.2339954,1.041177,9.564411,1.743470,9.777612,79.728516,83.787277

25.2365093,1.041177,9.605089,1.705185,9.810680,79.990639,83.813377

25.2390251,0.998106,9.617053,1.709971,9.818754,79.970596,84.074768

25.2415428,1.005285,9.569197,1.714756,9.773459,79.895134,84.002831

25.2440567,0.983749,9.576375,1.753042,9.785085,79.679489,84.134766

25.2465725,0.966999,9.595518,1.755435,9.802582,79.683891,84.245377

25.2490864,0.931107,9.576375,1.748256,9.779075,79.701576,84.446609

25.2516022,0.919143,9.547662,1.765006,9.752841,79.573532,84.501144

25.2541161,0.926321,9.545269,1.750649,9.748590,79.654716,84.457085

25.2566338,0.895215,9.566804,1.750649,9.766776,79.674194,84.654106

25.2591457,0.868595,9.566804,1.741078,9.762660,79.726891,84.812195

25.2616615,0.883251,9.569197,1.738685,9.765894,79.744591,84.726456

25.2641773,0.861416,9.550055,1.750649,9.747326,79.653366,84.845863

25.2666912,0.868595,9.557233,1.745863,9.754137,79.689240,84.807030

25.2692070,0.914357,9.581161,1.772184,9.786487,79.567047,84.548607

25.2717209,0.923929,9.566804,1.760220,9.771170,79.621834,84.483681

25.2742386,0.895215,9.590733,1.776970,9.794957,79.547707,84.667366

25.2767525,0.916750,9.595518,1.776970,9.801634,79.554901,84.542557

25.2792683,0.943071,9.557233,1.786541,9.768409,79.461876,84.364517

25.2817822,0.962214,9.597911,1.757827,9.804882,79.672127,84.275085

25.2842999,0.981356,9.645767,1.772184,9.856193,79.641647,84.190742

25.2868156,0.964607,9.607482,1.765006,9.815774,79.641121,84.266624

25.2893295,0.966999,9.566804,1.745863,9.772761,79.709106,84.228226

25.2918453,1.017249,9.571589,1.805684,9.793396,79.375145,83.933495

25.2943592,0.978964,9.595518,1.755435,9.803769,79.685158,84.174667

25.2968750,0.976571,9.638589,1.719542,9.839355,79.935211,84.214600

25.2993946,1.017249,9.607482,1.741078,9.816815,79.784172,83.955994

25.3019085,0.995713,9.602696,1.757827,9.812909,79.680672,84.080101

25.3044243,1.022034,9.643374,1.769791,9.857554,79.657234,83.950203

25.3069382,1.002892,9.643374,1.760220,9.853874,79.709892,84.062698

25.3094540,0.998106,9.612267,1.726721,9.816998,79.869492,84.071838

25.3119698,1.007677,9.595518,1.753042,9.806250,79.702003,84.005035

25.3144855,1.031606,9.660124,1.717149,9.865638,79.976418,83.904480

25.3170013,1.010070,9.636196,1.755435,9.846729,79.730652,84.016083

25.3195152,0.976571,9.638589,1.750649,9.844839,79.756958,84.214600

25.3220310,0.974178,9.605089,1.796113,9.820019,79.461090,84.208687

25.3245449,0.933500,9.629018,1.810469,9.842114,79.400009,84.462677

25.3270626,0.919143,9.655338,1.786541,9.862155,79.563179,84.562096

25.3295765,0.945464,9.633803,1.757827,9.838396,79.707695,84.394928

25.3320923,0.888036,9.688838,1.774577,9.889960,79.663315,84.763153

25.3346081,0.832702,9.648160,1.776970,9.845710,79.602188,85.067207

25.3371220,0.837488,9.633803,1.750649,9.827326,79.738510,85.031639

25.3396225,0.827917,9.619446,1.757827,9.813723,79.681534,85.080849

25.3421383,0.851845,9.597911,1.762613,9.795527,79.633698,84.928108

25.3446522,0.873679,9.617053,1.741078,9.812358,79.779480,84.809105

25.3471680,0.863809,9.595518,1.731506,9.788679,79.811417,84.855980

25.3496819,0.866202,9.578768,1.765006,9.778463,79.601158,84.832832

25.3521976,0.866202,9.569197,1.772184,9.770388,79.549660,84.827690

25.3547115,0.861416,9.552447,1.714756,9.743289,79.863518,84.847145

25.3572273,0.868595,9.609875,1.753042,9.807003,79.702805,84.835320

25.3597603,0.888036,9.600304,1.726721,9.794693,79.846176,84.715134

25.3622761,0.900000,9.609875,1.719542,9.803904,79.898438,84.649643

25.3647900,0.873679,9.662517,1.726721,9.854395,79.908340,84.833397

25.3673077,0.847059,9.703195,1.705185,9.888232,80.069939,85.010902

25.3698235,0.859023,9.676874,1.774577,9.875674,79.648193,84.927109

25.3723373,0.883251,9.676874,1.753042,9.873964,79.773392,84.784813

25.3748531,0.827917,9.700802,1.757827,9.893481,79.765617,85.121902

25.3773689,0.837488,9.715159,1.750649,9.907092,79.822014,85.073044

25.3798828,0.837488,9.707980,1.736292,9.897524,79.896500,85.069412

25.3823967,0.823131,9.719945,1.738685,9.908476,79.893730,85.159470

25.3849125,0.827917,9.686445,1.736292,9.875595,79.873825,85.114708

25.3874264,0.780060,9.693624,1.755435,9.882125,79.767830,85.399239

25.3899441,0.803988,9.681660,1.760220,9.873161,79.730217,85.252914

25.3924599,0.756132,9.655338,1.717149,9.835949,79.945847,85.522171

25.3949738,0.780060,9.645767,1.750649,9.834332,79.745895,85.376511

25.3974895,0.792024,9.679267,1.741078,9.866451,79.836113,85.322090

25.4000015,0.768096,9.645767,1.738685,9.831267,79.813515,85.447121

25.4025173,0.815953,9.648160,1.733899,9.836624,79.847443,85.165955

25.4050312,0.796810,9.652946,1.765006,9.845279,79.672508,85.281174

25.4075489,0.792024,9.645767,1.741078,9.833590,79.801781,85.305916

25.4100628,0.789631,9.612267,1.741078,9.800538,79.767021,85.303795

25.4125786,0.830309,9.648160,1.719542,9.835305,79.931023,85.081314

25.4150944,0.813560,9.621839,1.695614,9.803916,80.040459,85.166939

25.4176083,0.842274,9.595518,1.693221,9.780102,80.030197,84.983559

25.4201241,0.878465,9.602696,1.681257,9.788263,80.109688,84.773071

25.4226379,0.890429,9.626625,1.681257,9.812818,80.134682,84.715378

25.4251537,0.897608,9.619446,1.736292,9.816015,79.811714,84.669067

25.4276676,0.883251,9.602696,1.709971,9.793667,79.944641,84.744751

25.4301834,0.931107,9.629018,1.705185,9.823065,80.003387,84.476784

25.4326973,0.926321,9.605089,1.693221,9.797081,80.047646,84.491394

25.4352150,0.931107,9.617053,1.657329,9.803133,80.266762,84.469955

25.4377308,0.885643,9.609875,1.695614,9.798427,80.034821,84.734512

25.4402466,0.890429,9.605089,1.700400,9.794996,80.002869,84.703598

25.4427624,0.900000,9.638589,1.719542,9.832050,79.927658,84.665489

25.4452763,0.895215,9.657731,1.753042,9.856284,79.754845,84.704155

25.4477940,0.849452,9.636196,1.721935,9.825624,79.906830,84.962273

25.4503098,0.876072,9.636196,1.733899,9.830066,79.840599,84.805252

25.4528236,0.825524,9.624231,1.698007,9.807678,80.030128,85.097420

25.4553394,0.811167,9.679267,1.738685,9.867584,79.851402,85.209549

25.4578533,0.832702,9.676874,1.724328,9.864511,79.932915,85.081772

25.4603691,0.820738,9.602696,1.755435,9.796272,79.677177,85.114830

25.4628830,0.815953,9.600304,1.741078,9.790963,79.756905,85.141968

25.4653988,0.775275,9.629018,1.736292,9.814976,79.810623,85.396797

25.4679127,0.799203,9.578768,1.741078,9.768463,79.733055,85.230583

25.4704304,0.801596,9.573982,1.714756,9.759307,79.880325,85.213989

25.4729462,0.780060,9.607482,1.714756,9.790434,79.912842,85.358170

25.4754601,0.801596,9.590733,1.654936,9.765425,80.243057,85.222313

25.4779758,0.811167,9.585947,1.698007,9.768909,79.990150,85.163132

25.4804897,0.768096,9.566804,1.724328,9.751257,79.814751,85.409706

25.4830055,0.736989,9.605089,1.686043,9.779757,80.072533,85.612343

25.4855194,0.720240,9.621839,1.700400,9.797442,80.005394,85.719124

25.4880352,0.770489,9.621839,1.714756,9.803765,79.926697,85.421692

25.4905529,0.763310,9.629018,1.702792,9.808167,80.002243,85.467537

25.4930668,0.691526,9.650553,1.719542,9.826912,79.922333,85.901382

25.4955826,0.677169,9.626625,1.738685,9.805789,79.786766,85.976250

25.4980965,0.703490,9.664909,1.726721,9.843117,79.896660,85.836891

25.5006123,0.677169,9.662517,1.721935,9.838081,79.919739,85.991150

25.5031281,0.672383,9.667302,1.714756,9.841201,79.965416,86.021355

25.5056438,0.662812,9.669696,1.738685,9.847099,79.830070,86.078781

25.5081596,0.650848,9.667302,1.750649,9.846070,79.758255,86.148392

25.5106735,0.622134,9.676874,1.769791,9.857033,79.656677,86.321472

25.5131893,0.629312,9.660124,1.769791,9.841046,79.639694,86.272713

25.5157032,0.634098,9.698409,1.784148,9.881517,79.597961,86.259232

25.5182209,0.629312,9.674481,1.757827,9.852999,79.723114,86.278229

25.5207367,0.641276,9.693624,1.781756,9.876853,79.607109,86.215141

25.5232525,0.667598,9.679267,1.805684,9.868859,79.457321,86.054451

25.5257683,0.626920,9.688838,1.863411,9.886299,79.135666,86.297821

25.5282822,0.629312,9.703195,1.815255,9.891571,79.425415,86.289207

25.5307980,0.617348,9.729516,1.805684,9.914892,79.506828,86.369385

25.5333118,0.641276,9.722338,1.793720,9.907195,79.568947,86.226288

25.5358295,0.631705,9.734302,1.791327,9.917890,79.594376,86.287010

25.5383434,0.614955,9.715159,1.776970,9.895459,79.655037,86.378090

25.5408554,0.648455,9.657731,1.757827,9.837795,79.707054,86.158722

25.5433693,0.667598,9.688838,1.856232,9.887611,79.179482,86.058334

25.5458851,0.655633,9.681660,1.822733,9.873538,79.361732,86.125893

25.5483990,0.689133,9.640982,1.784148,9.828866,79.541618,85.911476

25.5509148,0.715454,9.667302,1.810469,9.861360,79.420929,85.767395

25.5534306,0.684347,9.674481,1.841875,9.872002,79.246986,85.953789

25.5559444,0.681954,9.636196,1.844268,9.834768,79.191597,85.951920

25.5584602,0.696311,9.636196,1.825125,9.832203,79.302292,85.866989

25.5609760,0.715454,9.657731,1.856232,9.860489,79.149353,85.763214

25.5634918,0.686740,9.633803,1.829911,9.830073,79.271561,85.922600

25.5660057,0.713061,9.664909,1.896910,9.875079,78.925186,85.780457

25.5685215,0.681954,9.669696,1.920838,9.882192,78.791862,85.965897

25.5710373,0.681954,9.652946,1.908874,9.863480,78.841164,85.958923

25.5735512,0.677169,9.624231,1.911267,9.835513,78.794815,85.975258

25.5760670,0.696311,9.636196,1.889732,9.844399,78.932808,85.866989

25.5785809,0.677169,9.664909,1.892125,9.871634,78.949570,85.992142

25.5811005,0.705883,9.629018,1.896910,9.839437,78.884560,85.807266

25.5836143,0.713061,9.662517,1.837090,9.861419,79.263611,85.779419

25.5861301,0.698704,9.640982,1.817947,9.835733,79.348732,85.854889

25.5886459,0.696311,9.633803,1.829911,9.830747,79.272301,85.865967

25.5911598,0.727418,9.595518,1.834697,9.796388,79.205734,85.664810

25.5936775,0.725025,9.605089,1.841875,9.806931,79.174782,85.683304

25.5961914,0.751346,9.621839,1.882553,9.833021,78.962456,85.534973

25.5987072,0.760918,9.626625,1.880160,9.837983,78.982292,85.480568

25.6012192,0.801596,9.583553,1.877768,9.798626,78.951736,85.218750

25.6037350,0.823131,9.583553,1.884946,9.801789,78.912590,85.090919

25.6062489,0.768096,9.652946,1.868196,9.862022,79.080284,85.450493

25.6087646,0.741775,9.633803,1.856232,9.839004,79.125374,85.597076

25.6112804,0.763310,9.631411,1.851447,9.837406,79.151962,85.468658

25.6137943,0.739382,9.657731,1.863411,9.863607,79.110367,85.622055

25.6163101,0.698704,9.638589,1.887339,9.846453,78.949333,85.853867

25.6188259,0.693919,9.669696,1.868196,9.872928,79.092491,85.895363

25.6213436,0.703490,9.652946,1.846661,9.853142,79.197830,85.831749

25.6238594,0.720240,9.657731,1.827518,9.855473,79.313690,85.734978

25.6263733,0.748953,9.700802,1.846661,9.903365,79.253265,85.585220

25.6288891,0.741775,9.693624,1.865803,9.899384,79.136101,85.624146

25.6314030,0.727418,9.669696,1.863411,9.874434,79.122452,85.697937

25.6339188,0.720240,9.700802,1.839482,9.899899,79.291748,85.753845

25.6364326,0.715454,9.684052,1.822733,9.880035,79.368805,85.774689

25.6389503,0.715454,9.664909,1.839482,9.864383,79.252731,85.766350

25.6414642,0.756132,9.672089,1.820340,9.870900,79.372986,85.529900

25.6439819,0.770489,9.640982,1.793720,9.836646,79.493286,85.430740

25.6464977,0.727418,9.614660,1.805684,9.809756,79.393074,85.673409

25.6490116,0.760918,9.619446,1.825125,9.820581,79.289482,85.477203

25.6515274,0.799203,9.621839,1.810469,9.823254,79.379417,85.251839

25.6540413,0.811167,9.624231,1.817947,9.827958,79.340202,85.182281

25.6565571,0.825524,9.645767,1.796113,9.846234,79.489471,85.108315

25.6590710,0.830309,9.643374,1.803291,9.845605,79.446304,85.078880

25.6615887,0.825524,9.633803,1.788934,9.833206,79.517929,85.102272

25.6641045,0.818345,9.600304,1.796113,9.801099,79.440514,85.127792

25.6666183,0.832702,9.614660,1.820340,9.820830,79.318169,85.050102

25.6691341,0.842274,9.636196,1.800898,9.839153,79.453476,85.004631

25.6716499,0.859023,9.612267,1.880160,9.832020,78.975525,84.893188

25.6741657,0.885643,9.619446,1.889732,9.843230,78.931473,84.739723

25.6766796,0.876072,9.629018,1.882553,9.850355,78.982124,84.801399

25.6791954,0.926321,9.602696,1.896910,9.831994,78.876038,84.490028

25.6817150,0.962214,9.578768,1.939981,9.820498,78.606621,84.263725

25.6842289,0.921536,9.612267,1.904089,9.842279,78.845215,84.523743

25.6867447,1.007677,9.593125,1.913660,9.833899,78.778740,84.003548

25.6892586,1.043570,9.597911,1.913660,9.842308,78.788452,83.794670

25.6917763,1.081855,9.576375,1.856232,9.814426,79.097809,83.554550

25.6942921,1.093819,9.550055,1.906481,9.799727,78.781891,83.466080

25.6968060,1.115354,9.540483,1.913660,9.794229,78.732697,83.331963

25.6993217,1.149153,9.533304,1.872982,9.783277,78.962738,83.126678

25.7018356,1.127319,9.535697,1.906481,9.789537,78.770065,83.257736

25.7043514,1.137189,9.509377,1.951945,9.774023,78.480148,83.180611

25.7068653,1.137189,9.514162,1.971088,9.782518,78.375847,83.184006

25.7093830,1.134497,9.530911,1.951945,9.794664,78.504761,83.211830

25.7118988,1.173081,9.547662,1.949552,9.815025,78.543182,82.995415

25.7144127,1.134497,9.521340,1.894517,9.774057,78.823547,83.205070

25.7169285,1.096212,9.504591,1.875375,9.749664,78.909882,83.420860

25.7194424,1.081855,9.511769,1.868196,9.753682,78.957474,83.511147

25.7219601,1.062712,9.521340,1.846661,9.756815,79.089882,83.631363

25.7244759,1.055534,9.530911,1.822733,9.760880,79.237488,83.680336

25.7269917,1.065105,9.530911,1.837090,9.764611,79.155891,83.623497

25.7295074,1.060320,9.509377,1.853839,9.746243,79.034920,83.637657

25.7320213,1.029213,9.533304,1.899303,9.774995,78.796036,83.838226

25.7345371,1.007677,9.547662,1.911267,9.789085,78.740982,83.975204

25.7370529,0.988535,9.573982,1.904089,9.811417,78.809677,84.104973

25.7395687,0.940678,9.571589,1.865803,9.797010,79.021172,84.387100

25.7420807,0.940678,9.588340,1.875375,9.815201,78.984856,84.396843

25.7445965,0.962214,9.590733,1.861018,9.816894,79.072136,84.270828

25.7471142,0.995713,9.612267,1.892125,9.847196,78.921799,84.085953

25.7496281,1.038784,9.624231,1.863411,9.857850,79.103928,83.839668

25.7521439,1.014856,9.600304,1.858625,9.831085,79.102303,83.965630

25.7546577,1.031606,9.638589,1.858625,9.870213,79.146034,83.890961

25.7571735,1.081855,9.684052,1.837090,9.915956,79.323357,83.625626

25.7596893,1.084248,9.703195,1.825125,9.932707,79.411789,83.624146

25.7622032,1.067498,9.660124,1.820340,9.887931,79.391502,83.694077

25.7647190,1.055534,9.679267,1.861018,9.912909,79.179260,83.776428

25.7672348,1.108176,9.674481,1.872982,9.916234,79.112549,83.465462

25.7697506,1.089033,9.667302,1.812862,9.895918,79.444206,83.572655

25.7722645,1.055534,9.650553,1.820340,9.877295,79.379944,83.758057

25.7747803,1.091426,9.621839,1.853839,9.859397,79.162300,83.528473

25.7772942,1.117747,9.609875,1.827518,9.845754,79.303017,83.365601

25.7798119,1.122533,9.576375,1.849054,9.817638,79.144073,83.314354

25.7823315,1.170689,9.552447,1.817947,9.794115,79.302933,83.013023

25.7848454,1.137189,9.509377,1.834697,9.751285,79.155205,83.180611

25.7873611,1.161117,9.518948,1.817947,9.760302,79.265434,83.045441

25.7898750,1.151546,9.506984,1.798505,9.743892,79.363487,83.093620

25.7923927,1.117747,9.492328,1.784148,9.723005,79.426445,83.284195

25.7949066,1.168296,9.523733,1.793720,9.761344,79.411301,83.006355

25.7974224,1.197010,9.477970,1.805684,9.722409,79.296661,82.802002

25.7999382,1.110569,9.444471,1.791327,9.676789,79.332115,83.293427

25.8024502,1.153939,9.430114,1.800898,9.669636,79.266411,83.023544

25.8049660,1.163510,9.437292,1.829911,9.683223,79.106880,82.971558

25.8074799,1.115354,9.415757,1.805684,9.651995,79.217644,83.244446

25.8099957,1.115354,9.413364,1.820340,9.652413,79.129547,83.242744

25.8125114,1.115354,9.451650,1.796113,9.685232,79.312714,83.269859

25.8150272,1.077069,9.485149,1.760220,9.707034,79.552498,83.521629

25.8175411,1.062712,9.480363,1.812862,9.710464,79.240227,83.604065

25.8200569,1.036391,9.499506,1.812862,9.726315,79.257973,83.773682

25.8225689,0.988535,9.487542,1.788934,9.705202,79.378082,84.051651

25.8250866,0.959821,9.499506,1.781756,9.712699,79.429459,84.230469

25.8276024,0.966999,9.499506,1.817947,9.720115,79.220528,84.187614

25.8301163,0.923929,9.509377,1.851447,9.731894,79.032906,84.450577

25.8326321,0.895215,9.566804,1.882553,9.791279,78.914810,84.654106

25.8351460,0.873679,9.585947,1.880160,9.807584,78.947708,84.792351

25.8376617,0.863809,9.559626,1.817947,9.769214,79.275345,84.836769

25.8401775,0.878465,9.566804,1.820340,9.777989,79.270813,84.753571

25.8426914,0.825524,9.583553,1.858625,9.796962,79.063881,85.076714

25.8452072,0.827917,9.600304,1.841875,9.810391,79.178650,85.071091

25.8477211,0.787239,9.672089,1.875375,9.883627,79.062065,85.346794

25.8502388,0.803988,9.777672,1.932802,9.999249,78.854874,85.299316

25.8527527,0.720240,9.861421,1.987837,10.085527,78.632690,85.822754

25.8552685,0.710668,9.890134,1.961516,10.107786,78.810188,85.889999

25.8577824,0.648455,9.942777,1.889732,10.141518,79.260956,86.268532

25.8602982,0.626920,9.935597,1.729113,10.104403,80.146782,86.389519

25.8628120,0.736989,9.820743,1.709971,9.995706,80.149933,85.708328

25.8653297,0.763310,9.772886,1.851447,9.975962,79.304420,85.533981

25.8678455,0.624527,9.921241,2.059622,10.151999,78.294662,86.398071

25.8703594,0.506979,10.053145,1.973480,10.257552,78.907532,87.113022

25.8728752,0.495015,10.165607,1.760220,10.328746,80.187790,87.212181

25.8753891,0.634098,10.220643,1.585544,10.362315,81.198563,86.449867

25.8779049,0.842274,10.168001,1.503889,10.313067,81.615021,85.264671

25.8804226,1.079462,10.050753,1.585544,10.232146,81.085686,83.869865

25.8829365,1.273580,9.847063,1.683650,10.070816,80.376038,82.630501

25.8854523,1.326222,9.631411,1.762613,9.880776,79.724113,82.159813

25.8879681,1.328615,9.434899,1.784148,9.693592,79.393990,81.984360

25.8904839,1.249652,9.267402,1.753042,9.514174,79.382256,82.320343

25.8929977,1.122533,9.204889,1.776970,9.441806,79.152107,83.047134

25.8955135,1.010070,9.152247,1.793720,9.380901,78.976608,83.702148

25.8980274,0.947857,9.121140,1.769791,9.339476,79.076637,84.067192

25.9005432,0.911965,9.118748,1.772184,9.334017,79.055214,84.288849

25.9030590,0.839881,9.121140,1.769791,9.329136,79.064384,84.738998

25.9055729,0.854238,9.135498,1.769791,9.344475,79.082558,84.657951

25.9080887,0.825524,9.161819,1.748256,9.363589,79.239281,84.851280

25.9106026,0.842274,9.173783,1.793720,9.385369,78.981926,84.754204

25.9131203,0.763310,9.195318,1.844268,9.409455,78.696762,85.254715

25.9156342,0.717847,9.250652,1.849054,9.460913,78.729492,85.562767

25.9181499,0.650848,9.329616,1.868196,9.537059,78.703392,86.009430

25.9206657,0.597907,9.391829,1.906481,9.602011,78.547806,86.357330

25.9231758,0.566800,9.475577,1.901696,9.681129,78.671539,86.576820

25.9256916,0.569193,9.538090,1.884946,9.739207,78.840431,86.584885

25.9282055,0.514158,9.619446,1.908874,9.820483,78.791679,86.940460

25.9307213,0.495015,9.688838,1.870589,9.880169,79.086449,87.075226

25.9332352,0.459123,9.739087,1.904089,9.934091,78.949615,87.300941

25.9357529,0.447159,9.729516,1.951945,9.933455,78.667511,87.368599

25.9382668,0.430409,9.811171,1.947159,10.011781,78.785255,87.488083

25.9407825,0.423230,9.878170,1.904089,10.068909,79.099396,87.546661

25.9433041,0.456730,9.847063,1.892125,10.037599,79.134521,87.344391

25.9458179,0.447159,9.825528,1.937588,10.024730,78.855690,87.394272

25.9483356,0.487837,9.796814,1.966302,10.004093,78.664726,87.149284

25.9508495,0.518943,9.772886,1.980659,9.985070,78.558807,86.960434

25.9533653,0.578764,9.751051,1.956731,9.962267,78.672653,86.603249

25.9558811,0.607777,9.717552,1.978266,9.935479,78.515007,86.421143

25.9583950,0.585942,9.707980,2.028515,9.934942,78.218506,86.545998

25.9609108,0.583550,9.734302,2.021337,9.959064,78.289627,86.569351

25.9634247,0.571586,9.712767,2.018944,9.936834,78.277153,86.632088

25.9659405,0.562014,9.719945,1.968695,9.933225,78.568695,86.690804

25.9684544,0.593121,9.703195,1.990230,9.922942,78.429794,86.502068

25.9709702,0.562014,9.710373,1.937588,9.917734,78.733894,86.687546

25.9734859,0.590728,9.672089,1.932802,9.880991,78.719749,86.504967

25.9760017,0.629312,9.621839,1.853839,9.818989,79.117157,86.257927

25.9785175,0.636491,9.573982,1.918446,9.785024,78.693382,86.196503

25.9810314,0.658026,9.559626,1.911267,9.770997,78.719864,86.062317

25.9835281,0.696311,9.485149,1.882553,9.695200,78.803543,85.801407

25.9860439,0.720240,9.418150,1.853839,9.625852,78.896049,85.626900

25.9885578,0.717847,9.348758,1.825125,9.552259,78.984917,85.609146

25.9910736,0.736989,9.276974,1.872982,9.492811,78.620575,85.457802

25.9935875,0.727418,9.202497,1.896910,9.424084,78.387993,85.480408

25.9961033,0.715454,9.147462,1.918446,9.373813,78.190399,85.527809

25.9986172,0.732204,9.099606,1.923231,9.329403,78.103333,85.399582

26.0011330,0.756132,9.056535,1.908874,9.286353,78.137894,85.227432

26.0036678,0.725025,9.090034,1.901696,9.315086,78.220123,85.439720

26.0061836,0.710668,9.152247,1.947159,9.384035,78.024284,85.559914

26.0086975,0.691526,9.171391,1.932802,9.398315,78.132210,85.688042

26.0112133,0.725025,9.190533,1.911267,9.415120,78.287567,85.489380

26.0137310,0.722632,9.286545,1.954338,9.517433,78.150421,85.550499

26.0162449,0.708275,9.341579,1.987837,9.576965,78.020340,85.664146

26.0187607,0.710668,9.403793,1.963909,9.632929,78.236374,85.678230

26.0212746,0.734597,9.422935,1.963909,9.653408,78.261688,85.542328

26.0237904,0.715454,9.487542,1.949552,9.712161,78.420166,85.687500

26.0263062,0.717847,9.571589,1.966302,9.797805,78.422806,85.710983

26.0288219,0.717847,9.621839,1.920838,9.837922,78.740768,85.733299

26.0313358,0.765703,9.710373,1.908874,9.925797,78.912117,85.491318

26.0338516,0.799203,9.679267,1.937588,9.903595,78.717598,85.279877

26.0363674,0.818345,9.736694,1.913660,9.956656,78.918854,85.195724

26.0388832,0.818345,9.782457,1.925624,10.003709,78.901810,85.218094

26.0413990,0.815953,9.823135,1.887339,10.036026,79.160622,85.251663

26.0439205,0.825524,9.815957,1.911267,10.034313,79.019600,85.192726

26.0464344,0.815953,9.849456,1.928017,10.069499,78.961357,85.264297

26.0489502,0.796810,9.851849,1.951945,10.074915,78.828690,85.376030

26.0514660,0.811167,9.897313,1.918446,10.114111,79.065887,85.314606

26.0539818,0.815953,9.854242,1.901696,10.069177,79.113556,85.266586

26.0564957,0.803988,9.839885,1.877768,10.049664,79.231056,85.328903

26.0590115,0.772882,9.851849,1.846661,10.053180,79.415276,85.514313

26.0615292,0.780060,9.830314,1.832304,10.030001,79.473961,85.462944

26.0640392,0.729811,9.770494,1.834697,9.968013,79.393761,85.728203

26.0665569,0.739382,9.688838,1.827518,9.887370,79.348572,85.636055

26.0690708,0.751346,9.748658,1.832304,9.947774,79.385948,85.592827

26.0715866,0.772882,9.667302,1.822733,9.867949,79.355637,85.429039

26.0741005,0.799203,9.595518,1.822733,9.799747,79.280678,85.238869

26.0766182,0.765703,9.583553,1.798505,9.780870,79.404167,85.431908

26.0791321,0.820738,9.547662,1.832304,9.756474,79.175354,85.086807

26.0816479,0.799203,9.494720,1.812862,9.699223,79.227608,85.188560

26.0841675,0.775275,9.514162,1.815255,9.716763,79.232925,85.341469

26.0866814,0.801596,9.518948,1.829911,9.726330,79.155746,85.186447

26.0891972,0.787239,9.509377,1.820340,9.713991,79.199280,85.267532

26.0917110,0.815953,9.559626,1.822733,9.765991,79.243187,85.121399

26.0942287,0.825524,9.578768,1.834697,9.787767,79.196114,85.074265

26.0967445,0.796810,9.602696,1.812862,9.804751,79.344910,85.256592

26.0992584,0.818345,9.624231,1.815255,9.828055,79.356277,85.139847

26.1017742,0.806381,9.660124,1.825125,9.864042,79.337227,85.228287

26.1042862,0.849452,9.674481,1.837090,9.883929,79.288353,84.982109

26.1068020,0.854238,9.717552,1.839482,9.926946,79.321259,84.976234

26.1093159,0.844666,9.743873,1.839482,9.951895,79.348351,85.045593

26.1118317,0.839881,9.813564,1.808077,10.014019,79.597939,85.108337

26.1143475,0.827917,9.887741,1.825125,10.088803,79.577461,85.213699

26.1168633,0.839881,9.902099,1.820340,10.103000,79.619865,85.151863

26.1193790,0.895215,10.009775,1.853839,10.219282,79.548332,84.889404

26.1218929,0.940678,9.969097,1.872982,10.187042,79.405373,84.609566

26.1244106,0.988535,10.012168,1.923231,10.243024,79.177902,84.361275

26.1269245,0.974178,10.007382,1.956731,10.243316,78.987381,84.440010

26.1294403,0.957428,9.949955,1.937588,10.181971,79.029945,84.503670

26.1319542,0.947857,9.902099,1.908874,10.128860,79.137138,84.532143

26.1344700,0.966999,9.844670,1.920838,10.076818,79.011055,84.390076

26.1369877,0.919143,9.818350,1.882553,10.039364,79.192078,84.651855

26.1395016,0.952643,9.755837,1.877768,9.980475,79.155502,84.422836

26.1420174,0.945464,9.710373,1.956731,9.950581,78.659172,84.438843

26.1445332,0.943071,9.648160,1.887339,9.876154,78.982979,84.417290

26.1470490,1.022034,9.600304,1.875375,9.835010,79.007324,83.923264

26.1495628,1.065105,9.578768,1.935195,9.830169,78.646431,83.655098

26.1520786,1.031606,9.573982,1.951945,9.825245,78.541023,83.850052

26.1545944,1.043570,9.542876,1.901696,9.786316,78.794884,83.759171

26.1571102,1.048355,9.487542,1.913660,9.735225,78.663506,83.694504

26.1596260,1.031606,9.514162,1.918446,9.760324,78.664391,83.811684

26.1621399,1.000499,9.516555,1.841875,9.744656,79.104759,83.998398

26.1646347,1.022034,9.530911,1.858625,9.764083,79.026596,83.879356

26.1671505,1.010070,9.554840,1.868196,9.788022,78.996696,83.965508

26.1696644,1.017249,9.526126,1.856232,9.758456,79.034508,83.904762

26.1721802,0.993321,9.545269,1.887339,9.780639,78.874023,84.058945

26.1746941,0.933500,9.562018,1.887339,9.791101,78.886063,84.424126

26.1772099,0.940678,9.552447,1.834697,9.772422,79.178947,84.375923

26.1797237,0.923929,9.576375,1.844268,9.796016,79.148323,84.489159

26.1822395,0.914357,9.538090,1.861018,9.760871,79.008636,84.524139

26.1847725,0.883251,9.566804,1.894517,9.792500,78.844864,84.725151

26.1872883,0.926321,9.581161,1.877768,9.807279,78.961609,84.477722

26.1898041,0.945464,9.511769,1.839482,9.734031,79.107063,84.323479

26.1923199,0.966999,9.473185,1.844268,9.699363,79.038857,84.171577

26.1948357,0.938286,9.468399,1.827518,9.688693,79.127518,84.340660

26.1973495,0.919143,9.456435,1.796113,9.669282,79.294876,84.448425

26.1998653,0.935893,9.444471,1.829911,9.665531,79.086700,84.340790

26.2023811,0.950250,9.389436,1.839482,9.614998,78.970528,84.221107

26.2048969,0.902393,9.379865,1.822733,9.597840,79.052429,84.504753

26.2074108,0.919143,9.389436,1.798505,9.604216,79.206955,84.409065

26.2099266,0.907179,9.334401,1.839482,9.557076,78.902840,84.449051

26.2124405,0.868595,9.329616,1.863411,9.553453,78.752296,84.681053

26.2149582,0.909572,9.339187,1.841875,9.562439,78.894531,84.437332

26.2174740,0.902393,9.346365,1.817947,9.564193,79.042641,84.485176

26.2199879,0.851845,9.363115,1.832304,9.578670,78.971924,84.801613

26.2225037,0.820738,9.444471,1.856232,9.660085,78.921432,85.033394

26.2250195,0.813560,9.454042,1.832304,9.664271,79.070808,85.081573

26.2275352,0.775275,9.497113,1.812862,9.699623,79.228058,85.333145

26.2300491,0.696311,9.545269,1.810469,9.740370,79.287979,85.827759

26.2325649,0.672383,9.569197,1.827518,9.765319,79.213860,85.980698

26.2350826,0.648455,9.612267,1.829911,9.806363,79.245308,86.140610

26.2375965,0.590728,9.672089,1.820340,9.859610,79.360672,86.504967

26.2401123,0.602991,9.719945,1.872982,9.917107,79.113518,86.450119

26.2426262,0.605384,9.739087,1.834697,9.928868,79.351456,86.443054

26.2451420,0.578764,9.758230,1.822733,9.943862,79.437828,86.605743

26.2476559,0.597907,9.775279,1.803291,9.958184,79.566956,86.499855

26.2501717,0.597907,9.768100,1.825125,9.955116,79.435898,86.497292

26.2526875,0.610170,9.782457,1.832304,9.971265,79.411247,86.430862

26.2552013,0.677169,9.789636,1.817947,9.980002,79.504463,86.043037

26.2577171,0.696311,9.801600,1.798505,9.989535,79.627975,85.936501

26.2602329,0.679562,9.801600,1.832304,9.994523,79.436172,86.033936

26.2627487,0.708275,9.736694,1.868196,9.939569,79.166512,85.839470

26.2652645,0.746561,9.727123,1.832304,9.926310,79.362732,85.611130

26.2677803,0.765703,9.696016,1.812862,9.893710,79.441826,85.484673

26.2702980,0.777667,9.722338,1.812862,9.920438,79.470596,85.426781

26.2728119,0.748953,9.650553,1.805684,9.846552,79.433167,85.562325

26.2753277,0.775275,9.655338,1.798505,9.851966,79.481506,85.409286

26.2778416,0.756132,9.595518,1.808077,9.793612,79.361137,85.494370

26.2803593,0.756132,9.569197,1.798505,9.766058,79.387909,85.482033

26.2828751,0.775275,9.506984,1.774577,9.702212,79.461021,85.337967

26.2853851,0.794417,9.533304,1.757827,9.726507,79.587982,85.236504

26.2878990,0.787239,9.494720,1.791327,9.694242,79.351547,85.260262

26.2904148,0.780060,9.470792,1.810469,9.673789,79.213371,85.291473

26.2929325,0.803988,9.458828,1.820340,9.665892,79.144890,85.141609

26.2954464,0.842274,9.499506,1.863411,9.717115,78.944145,84.933121

26.2979622,0.842274,9.535697,1.865803,9.752957,78.970963,84.952248

26.3004761,0.806381,9.569197,1.901696,9.789598,78.798691,85.183151

26.3029919,0.772882,9.576375,1.870589,9.787921,78.982315,85.385826

26.3055038,0.794417,9.595518,1.870589,9.808372,79.005569,85.267250

26.3080196,0.818345,9.619446,1.841875,9.828322,79.198631,85.137444

26.3105335,0.861416,9.638589,1.774577,9.838371,79.608513,84.892952

26.3130493,0.885643,9.638589,1.781756,9.841820,79.569702,84.750107

26.3155651,0.888036,9.684052,1.812862,9.892217,79.440208,84.760582

26.3180809,0.904786,9.672089,1.755435,9.871651,79.756851,84.655754

26.3205967,0.883251,9.686445,1.767399,9.885901,79.701309,84.789940

26.3231106,0.947857,9.712767,1.753042,9.915111,79.816284,84.426224

26.3256245,0.935893,9.763016,1.731506,9.959442,79.987923,84.524300

26.3281384,0.890429,9.741480,1.717149,9.931662,80.043732,84.777336

26.3306541,0.897608,9.729516,1.738685,9.924324,79.910034,84.729034

26.3331680,0.902393,9.724730,1.753042,9.922593,79.824043,84.698494

26.3356838,0.868595,9.650553,1.736292,9.843899,79.840874,84.856972

26.3382015,0.890429,9.624231,1.726721,9.818363,79.870918,84.714073

26.3407154,0.883251,9.585947,1.736292,9.781882,79.775780,84.735619

26.3432312,0.856631,9.588340,1.700400,9.775553,79.982780,84.894699

26.3457451,0.863809,9.566804,1.690828,9.753400,80.016891,84.840622

26.3482609,0.880858,9.516555,1.707578,9.708581,79.869934,84.711739

26.3507748,0.866202,9.511769,1.693221,9.700054,79.947067,84.796638

26.3532906,0.892822,9.494720,1.724328,9.691241,79.750999,84.628075

26.3558064,0.880858,9.432507,1.698007,9.624516,79.838394,84.664886

26.3583202,0.919143,9.406186,1.707578,9.604009,79.758446,84.418953

26.3608379,0.890429,9.403793,1.733899,9.603676,79.598473,84.590889

26.3633518,0.904786,9.367901,1.705185,9.564719,79.730484,84.483276

26.3658657,0.943071,9.372686,1.719542,9.575670,79.655045,84.254288

26.3683796,0.952643,9.339187,1.745863,9.548611,79.464806,84.175697

26.3708954,0.928714,9.329616,1.762613,9.539970,79.352814,84.315231

26.3734093,0.955035,9.363115,1.717149,9.567060,79.660202,84.175987

26.3759270,0.933500,9.363115,1.693221,9.560667,79.798950,84.306442

26.3784428,0.916750,9.382257,1.695614,9.578219,79.803299,84.419289

26.3809566,0.947857,9.430114,1.654936,9.621034,80.095161,84.260262

26.3834724,0.962214,9.420543,1.626222,9.608178,80.255554,84.168037

26.3859882,0.904786,9.485149,1.626222,9.665986,80.314392,84.551056

26.3885040,0.873679,9.506984,1.626222,9.684558,80.333145,84.749344

26.3910179,0.839881,9.547662,1.645365,9.724734,80.259056,84.972794

26.3935337,0.863809,9.621839,1.640579,9.798849,80.361824,84.869972

26.3960495,0.863809,9.621839,1.729113,9.814060,79.852234,84.869972

26.3985634,0.844666,9.672089,1.743470,9.864201,79.819649,85.009003

26.4010792,0.873679,9.722338,1.784148,9.923223,79.642166,84.865013

26.4035931,0.854238,9.760623,1.786541,9.959478,79.666290,84.998291

26.4061089,0.813560,9.825528,1.812862,10.024438,79.581062,85.266670

26.4086227,0.792024,9.870992,1.786541,10.062579,79.773315,85.412552

26.4111385,0.765703,9.875777,1.769791,10.062278,79.869904,85.566528

26.4136524,0.746561,9.885348,1.779363,10.071920,79.824394,85.681107

26.4161701,0.744168,9.902099,1.800898,10.092006,79.720627,85.702156

26.4186859,0.758525,9.897313,1.786541,10.085827,79.797142,85.617447

26.4211998,0.770489,9.902099,1.793720,10.092702,79.762756,85.550743

26.4237156,0.770489,9.815957,1.798505,10.009060,79.648430,85.511856

26.4262295,0.775275,9.787243,1.757827,9.974023,79.849144,85.470901

26.4287453,0.808774,9.763016,1.741078,9.949972,79.922325,85.264397

26.4312592,0.820738,9.736694,1.717149,9.920959,80.032883,85.181740

26.4337769,0.823131,9.681660,1.700400,9.864250,80.073776,85.140419

26.4362926,0.851845,9.629018,1.688435,9.812973,80.092293,84.944405

26.4388065,0.856631,9.633803,1.702792,9.820564,80.014992,84.918663

26.4413223,0.856631,9.602696,1.700400,9.789635,79.997337,84.902290

26.4438362,0.842274,9.612267,1.683650,9.794886,80.102234,84.992256

26.4463520,0.873679,9.593125,1.702792,9.782171,79.975395,84.796227

26.4488659,0.815953,9.600304,1.700400,9.783812,79.991325,85.141968

26.4513817,0.856631,9.617053,1.693221,9.802475,80.053177,84.909866

26.4538956,0.851845,9.624231,1.690828,9.808689,80.073738,84.941910

26.4564114,0.847059,9.638589,1.695614,9.823188,80.060196,84.977631

26.4589272,0.758525,9.669696,1.702792,9.847735,80.042824,85.514702

26.4614429,0.760918,9.703195,1.645365,9.871079,80.404846,85.516083

26.4639587,0.739382,9.717552,1.650150,9.884356,80.389717,85.648903

26.4664288,0.705883,9.758230,1.654936,9.922709,80.399193,85.862595

26.4689178,0.667598,9.780065,1.623829,9.936406,80.594414,86.094986

26.4714317,0.667598,9.782457,1.635793,9.940723,80.528633,86.095940

26.4739437,0.646062,9.837492,1.623829,9.991519,80.646759,86.242584

26.4764595,0.665205,9.870992,1.590330,10.020386,80.868004,86.144676

26.4789715,0.662812,9.854242,1.587937,10.003347,80.866196,86.151993

26.4814854,0.641276,9.837492,1.559223,9.980914,81.012413,86.270340

26.4839993,0.665205,9.827921,1.549353,9.971510,81.061287,86.127831

26.4865437,0.653241,9.803992,1.564009,9.949428,80.955826,86.188011

26.4890900,0.701097,9.815957,1.590330,9.968636,80.820190,85.914635

26.4916248,0.717847,9.780065,1.621436,9.939519,80.611366,85.802078

26.4941425,0.725025,9.775279,1.628615,9.936505,80.566536,85.758179

26.4966564,0.696311,9.636196,1.676471,9.805696,80.155830,85.866989

26.4991722,0.705883,9.454042,1.817947,9.653089,79.144775,85.729958

26.5016861,0.780060,9.456435,1.678864,9.635936,79.966179,85.284355

26.5042038,0.900000,9.461221,1.499103,9.621435,81.036301,84.566078

26.5067158,0.940678,9.566804,1.429712,9.718677,81.540535,84.384308

26.5092316,0.868595,9.727123,1.583151,9.893319,80.791809,84.897240

26.5117455,0.969392,9.633803,1.647758,9.821659,80.341942,84.254005

26.5142632,1.084248,9.518948,1.616651,9.715941,80.421913,83.501778

26.5167789,1.005285,9.547662,1.542174,9.723516,80.874207,83.989403

26.5192928,0.909572,9.621839,1.539781,9.786625,80.947739,84.599762

26.5218105,0.856631,9.612267,1.568794,9.777045,80.766586,84.907341

26.5243244,0.756132,9.655338,1.599901,9.816159,80.619713,85.522171

26.5268402,0.698704,9.626625,1.580758,9.780537,80.698891,85.848732

26.5293541,0.626920,9.662517,1.590330,9.812564,80.672890,86.287758

26.5318699,0.605384,9.631411,1.575973,9.778254,80.725121,86.403397

26.5343857,0.581157,9.684052,1.571187,9.827881,80.800629,86.565697

26.5369015,0.607777,9.669696,1.595115,9.819206,80.650955,86.403473

26.5394173,0.602991,9.612267,1.568794,9.758094,80.748489,86.410454

26.5419312,0.617348,9.621839,1.501496,9.757837,81.148392,86.328873

26.5444469,0.660419,9.633803,1.467997,9.767361,81.355911,86.078377

26.5469608,0.722632,9.655338,1.484746,9.795521,81.281845,85.719803

26.5494785,0.799203,9.734302,1.467997,9.876759,81.452377,85.306442

26.5519943,0.854238,9.688838,1.463211,9.835867,81.444763,84.961418

26.5545082,0.933500,9.674481,1.446461,9.826457,81.535263,84.488541

26.5570240,0.957428,9.748658,1.448854,9.902130,81.586426,84.390900

26.5595398,0.986142,9.794421,1.432104,9.947567,81.722633,84.250603

26.5620556,1.053141,9.808778,1.410569,9.965487,81.862717,83.871788

26.5645695,1.033998,9.823135,1.381855,9.973598,82.035973,83.991089

26.5670853,1.067498,9.892527,1.310070,10.035831,82.499245,83.841072

26.5696011,1.029213,9.918848,1.310070,10.057789,82.515709,84.075996

26.5721169,1.043570,9.914063,1.343570,10.058969,82.324097,83.991081

26.5746326,1.029213,9.937990,1.331606,10.079489,82.408440,84.087326

26.5771465,0.990928,9.945169,1.357927,10.086243,82.262680,84.309883

26.5796623,0.969392,9.933205,1.379462,10.075276,82.130600,84.426094

26.5821800,0.878465,9.890134,1.350748,10.020528,82.253052,84.924171

26.5846939,0.895215,9.916455,1.410569,10.056202,81.936615,84.841568

26.5872116,0.844666,9.887741,1.436890,10.027240,81.761230,85.117325

26.5897255,0.780060,9.842278,1.446461,9.978536,81.665192,85.468437

26.5922413,0.775275,9.839885,1.499103,9.983571,81.363976,85.495033

26.5947552,0.717847,9.825528,1.532603,9.970214,81.157539,85.821434

26.5972729,0.696311,9.768100,1.544567,9.913945,81.036957,85.922615

26.5997887,0.677169,9.753445,1.525424,9.895209,81.132042,86.028404

26.6023026,0.674776,9.758230,1.575973,9.907678,80.847321,86.044327

26.6048183,0.643669,9.703195,1.597508,9.854863,80.670982,86.204796

26.6073303,0.648455,9.696016,1.585544,9.846175,80.733231,86.173843

26.6098461,0.588335,9.688838,1.599901,9.837652,80.640396,86.525093

26.6123619,0.602991,9.655338,1.626222,9.809880,80.457802,86.426430

26.6148777,0.619741,9.664909,1.662114,9.826351,80.261673,86.331055

26.6173916,0.646062,9.638589,1.657329,9.801353,80.264977,86.165276

26.6199074,0.701097,9.624231,1.683650,9.795511,80.102875,85.833527

26.6224251,0.672383,9.593125,1.705185,9.766668,79.945068,85.990692

26.6249390,0.660419,9.573982,1.662114,9.739605,80.174080,86.053955

26.6274548,0.669990,9.559626,1.650150,9.724111,80.229813,85.990959

26.6299706,0.662812,9.566804,1.664507,9.733121,80.153175,86.036743

26.6324863,0.667598,9.588340,1.686043,9.758314,80.050499,86.017151

26.6350002,0.693919,9.545269,1.638186,9.709652,80.286751,85.842049

26.6375160,0.710668,9.547662,1.607080,9.708017,80.471306,85.743111

26.6400337,0.736989,9.545269,1.642972,9.713634,80.262131,85.584961

26.6425476,0.760918,9.533304,1.662114,9.706983,80.140732,85.436508

26.6450634,0.758525,9.497113,1.652543,9.669613,80.159813,85.433540

26.6475754,0.760918,9.509377,1.645365,9.680623,80.214233,85.425079

26.6500931,0.763310,9.521340,1.686043,9.699552,79.989601,85.416496

26.6526070,0.756132,9.550055,1.698007,9.729260,79.948936,85.473015

26.6551228,0.753739,9.595518,1.719542,9.777470,79.870834,85.508575

26.6576385,0.756132,9.624231,1.719542,9.805835,79.900444,85.507759

26.6601524,0.775275,9.688838,1.753042,9.876629,79.776176,85.425095

26.6626701,0.801596,9.719945,1.786541,9.915221,79.619659,85.285538

26.6651840,0.835095,9.734302,1.791327,9.932919,79.610291,85.096664

26.6676998,0.885643,9.763016,1.832304,9.972872,79.412971,84.816650

26.6702137,0.854238,9.753445,1.832304,9.960760,79.399948,84.994629

26.6727314,0.868595,9.775279,1.812862,9.979830,79.533966,84.922249

26.6752472,0.849452,9.801600,1.745863,9.992044,79.937325,85.046860

26.6777611,0.847059,10.266107,1.700400,10.440393,80.626633,85.283195

26.6802769,0.914357,10.508080,1.693221,10.682827,80.880196,85.026955

26.6827927,0.971785,9.768100,1.626222,9.950112,80.593521,84.318588

26.6853085,0.962214,9.468399,1.626222,9.655105,80.303375,84.197311

26.6878223,0.935893,9.434899,1.743470,9.640172,79.580452,84.335091

26.6903381,0.851845,9.434899,1.755435,9.634548,79.501953,84.840950

26.6928539,0.815953,9.403793,1.724328,9.595333,79.647430,85.040955

26.6953678,0.808774,9.442079,1.772184,9.640934,79.407730,85.104202

26.6978836,0.859023,9.446864,1.743470,9.644732,79.585434,84.804260

26.7003994,0.876072,9.470792,1.736292,9.668407,79.654465,84.715034

26.7029152,0.928714,9.573982,1.776970,9.781680,79.533356,84.459419

26.7054291,0.928714,9.585947,1.736292,9.786092,79.780220,84.466293

26.7079468,0.940678,9.593125,1.781756,9.802427,79.527313,84.399620

26.7104626,0.935893,9.640982,1.769791,9.846653,79.645653,84.455421

26.7129765,0.883251,9.688838,1.772184,9.889103,79.676498,84.791222

26.7154942,0.827917,9.674481,1.786541,9.872829,79.574593,85.108696

26.7180080,0.808774,9.686445,1.791327,9.883835,79.558121,85.227135

26.7205238,0.780060,9.710373,1.796113,9.905849,79.553436,85.407143

26.7230377,0.770489,9.758230,1.774577,9.948157,79.724442,85.485413

26.7255554,0.777667,9.782457,1.784148,9.974188,79.695671,85.454765

26.7280712,0.787239,9.768100,1.733899,9.951981,79.966347,85.392334

26.7305851,0.825524,9.751051,1.745863,9.940449,79.884544,85.160881

26.7331009,0.830309,9.751051,1.774577,9.945930,79.722115,85.132957

26.7356148,0.873679,9.753445,1.776970,9.952417,79.714890,84.881310

26.7381325,0.904786,9.688838,1.750649,9.887214,79.801331,84.664940

26.7406464,0.926321,9.655338,1.757827,9.857666,79.728035,84.519882

26.7431622,0.940678,9.652946,1.724328,9.850763,79.918716,84.434105

26.7456779,0.947857,9.631411,1.714756,9.828677,79.952499,84.379440

26.7481785,1.010070,9.600304,1.755435,9.811606,79.693489,83.993874

26.7506924,1.026820,9.607482,1.721935,9.814435,79.895203,83.899551

26.7532082,1.041177,9.559626,1.698007,9.764923,79.986023,83.784187

26.7557220,1.093819,9.533304,1.681257,9.742020,80.062263,83.454697

26.7582378,1.127319,9.562018,1.690828,9.775579,80.039772,83.276123

26.7607517,1.163510,9.516555,1.726721,9.741671,79.790321,83.029518

26.7632694,1.180260,9.497113,1.695614,9.719222,79.952774,82.915848

26.7657852,1.204188,9.446864,1.719542,9.677299,79.764862,82.735703

26.7683144,1.266401,9.406186,1.693221,9.640908,79.884750,82.332092

26.7708282,1.256830,9.432507,1.654936,9.658707,80.134186,82.410355

26.7733440,1.271187,9.420543,1.688435,9.654706,79.928200,82.315056

26.7758579,1.292722,9.439685,1.671686,9.673330,80.048538,82.202103

26.7783756,1.309472,9.410972,1.638186,9.641824,80.217751,82.078545

26.7808895,1.347757,9.439685,1.647758,9.676735,80.195885,81.874474

26.7834053,1.338186,9.473185,1.647758,9.708093,80.227859,81.959572

26.7859211,1.287937,9.477970,1.657329,9.707597,80.170029,82.261627

26.7884350,1.259223,9.487542,1.674079,9.716050,80.078407,82.439674

26.7909508,1.264009,9.540483,1.647758,9.763894,80.284256,82.452896

26.7934666,1.259223,9.530911,1.638186,9.752311,80.329651,82.473679

26.7959824,1.216152,9.533304,1.681257,9.756513,80.077179,82.730110

26.7984962,1.192224,9.557233,1.669293,9.774898,80.167206,82.889328

26.8010120,1.204188,9.590733,1.669293,9.809116,80.201851,82.843536

26.8035278,1.134497,9.619446,1.693221,9.832996,80.084366,83.273727

26.8060436,1.093819,9.602696,1.736292,9.819518,79.815384,83.501587

26.8085556,1.081855,9.552447,1.721935,9.766510,79.845093,83.538544

26.8110714,1.103390,9.609875,1.690828,9.819677,80.084953,83.450073

26.8135872,1.053141,9.614660,1.702792,9.820911,80.015350,83.749031

26.8161011,0.995713,9.607482,1.700400,9.807472,80.015717,84.083023

26.8186169,1.005285,9.571589,1.745863,9.781306,79.718193,84.004318

26.8211308,0.978964,9.612267,1.741078,9.817607,79.785004,84.184746

26.8236465,0.957428,9.643374,1.736292,9.845102,79.842133,84.330055

26.8261642,0.974178,9.617053,1.796113,9.831721,79.473778,84.215843

26.8286762,0.983749,9.588340,1.803291,9.805911,79.403091,84.142036

26.8311920,0.945464,9.528519,1.796113,9.742310,79.376060,84.333397

26.8337059,0.940678,9.552447,1.858625,9.776942,79.041214,84.375923

26.8362217,0.940678,9.550055,1.887339,9.780106,78.873413,84.374527

26.8387356,0.914357,9.492328,1.872982,9.718457,78.888191,84.497910

26.8412514,0.919143,9.494720,1.851447,9.717119,79.016022,84.470673

26.8437672,0.902393,9.511769,1.846661,9.731301,79.060928,84.580498

26.8462830,0.897608,9.516555,1.880160,9.741946,78.872299,84.611763

26.8488007,0.876072,9.545269,1.872982,9.766664,78.943733,84.756042

26.8513145,0.873679,9.509377,1.875375,9.731833,78.889305,84.750656

26.8538303,0.851845,9.497113,1.829911,9.709242,79.136429,84.874565

26.8563442,0.827917,9.528519,1.832304,9.738350,79.154961,85.034142

26.8588600,0.880858,9.518948,1.863411,9.739536,78.969917,84.713058

26.8613739,0.861416,9.446864,1.894517,9.673389,78.705711,84.789871

26.8638916,0.883251,9.482756,1.908874,9.713217,78.666267,84.678665

26.8664074,0.938286,9.492328,1.882553,9.722586,78.835480,84.354836

26.8689213,0.957428,9.494720,1.882553,9.726788,78.840370,84.241875

26.8714371,0.952643,9.489935,1.884946,9.722110,78.820557,84.267593

26.8739510,0.959821,9.499506,1.863411,9.728009,78.956680,84.230469

26.8764687,0.988535,9.535697,1.810469,9.756256,79.305626,84.081474

26.8789825,0.971785,9.559626,1.808077,9.777523,79.343430,84.195526

26.8814983,0.986142,9.595518,1.769791,9.807069,79.603401,84.132248

26.8840141,1.000499,9.626625,1.779363,9.840683,79.582649,84.066528

26.8865280,1.031606,9.648160,1.765006,9.862375,79.690605,83.896980

26.8890438,0.974178,9.648160,1.779363,9.859115,79.602341,84.234367

26.8915577,0.993321,9.705587,1.812862,9.923285,79.473648,84.156395

26.8940735,0.959821,9.712767,1.760220,9.917533,79.776657,84.356323

26.8965874,0.933500,9.748658,1.762613,9.950606,79.797005,84.530220

26.8991032,0.919143,9.748658,1.762613,9.949269,79.795616,84.613846

26.9016209,0.897608,9.768100,1.793720,9.971906,79.637390,84.749741

26.9041348,0.895215,9.753445,1.781756,9.955187,79.689789,84.755829

26.9066505,0.866202,9.794421,1.765006,9.989806,79.823524,84.946007

26.9091644,0.868595,9.820743,1.781756,10.018786,79.755943,84.945633

26.9116802,0.916750,9.820743,1.769791,10.020957,79.827690,84.666985

26.9141941,0.902393,9.751051,1.767399,9.950930,79.769341,84.712723

26.9167099,0.856631,9.741480,1.755435,9.935381,79.823257,84.974541

26.9192257,0.923929,9.715159,1.721935,9.909744,79.993393,84.567413

26.9217415,0.914357,9.705587,1.762613,9.906629,79.751221,84.618088

26.9242573,0.902393,9.672089,1.729113,9.866785,79.907036,84.669807

26.9267712,0.916750,9.648160,1.753042,9.848887,79.747070,84.572159

26.9292889,0.926321,9.614660,1.743470,9.815266,79.768349,84.496841

26.9318027,0.940678,9.593125,1.753042,9.797249,79.692436,84.399620

26.9343185,0.969392,9.612267,1.702792,9.809939,80.004066,84.241219

26.9368324,0.993321,9.566804,1.724328,9.771578,79.836159,84.072227

26.9393482,1.017249,9.573982,1.686043,9.774388,80.067024,83.934998

26.9418640,1.000499,9.593125,1.717149,9.796819,79.905266,84.045959

26.9443798,0.966999,9.578768,1.712364,9.778552,79.914696,84.235382

26.9468956,0.978964,9.557233,1.678864,9.752828,80.087662,84.151497

26.9494114,0.966999,9.588340,1.654936,9.778046,80.255775,84.241104

26.9519272,0.964607,9.581161,1.686043,9.776086,80.068771,84.250977

26.9544411,0.969392,9.600304,1.666900,9.792043,80.198807,84.234093

26.9569588,0.926321,9.554840,1.726721,9.753697,79.803047,84.462601

26.9594746,0.907179,9.590733,1.690828,9.780799,80.045143,84.596519

26.9619884,0.902393,9.621839,1.657329,9.805143,80.268776,84.642136

26.9645042,0.900000,9.633803,1.676471,9.819914,80.170227,84.662857

26.9670181,0.885643,9.652946,1.729113,9.846499,79.886024,84.757874

26.9695358,0.859023,9.669696,1.733899,9.861407,79.873230,84.923363

26.9720516,0.871287,9.638589,1.695614,9.825306,80.062363,84.834747

26.9745655,0.859023,9.648160,1.745863,9.842405,79.782707,84.912086

26.9770813,0.856631,9.643374,1.755435,9.839210,79.722717,84.923683

26.9795952,0.777667,9.672089,1.741078,9.858267,79.827583,85.403122

26.9821129,0.780060,9.664909,1.745863,9.852259,79.793037,85.385628

26.9846268,0.820738,9.672089,1.779363,9.868588,79.612434,85.149712

26.9871426,0.782453,9.650553,1.738685,9.837094,79.819618,85.364677

26.9896564,0.753739,9.667302,1.750649,9.853407,79.765961,85.541786

26.9921722,0.736989,9.681660,1.781756,9.871795,79.601723,85.646912

26.9946880,0.751346,9.655338,1.776970,9.846202,79.602707,85.550400

26.9972038,0.703490,9.655338,1.731506,9.834559,79.859451,85.832779

26.9997196,0.734597,9.636196,1.786541,9.827901,79.526390,85.640602

27.0022335,0.727418,9.614660,1.779363,9.804945,79.544250,85.673409

27.0047493,0.715454,9.600304,1.750649,9.784808,79.693436,85.737961

27.0072632,0.720240,9.573982,1.803291,9.768917,79.362495,85.697807

27.0097828,0.708275,9.597911,1.743470,9.780657,79.731750,85.779518

27.0122986,0.732204,9.578768,1.765006,9.767506,79.589363,85.628792

27.0148125,0.739382,9.562018,1.757827,9.750325,79.613701,85.578407

27.0173283,0.741775,9.545269,1.796113,9.741068,79.374687,85.556404

27.0198441,0.720240,9.521340,1.800898,9.716887,79.319221,85.674110

27.0223598,0.748953,9.521340,1.786541,9.716408,79.404831,85.502350

27.0248756,0.775275,9.487542,1.808077,9.689358,79.245316,85.328453

27.0273895,0.765703,9.550055,1.772184,9.743228,79.520203,85.415955

27.0299072,0.748953,9.526126,1.796113,9.722861,79.354561,85.504593

27.0324230,0.725025,9.540483,1.798505,9.735558,79.354271,85.654182

27.0349388,0.732204,9.542876,1.757827,9.731011,79.592857,85.612419

27.0374527,0.739382,9.538090,1.774577,9.729900,79.491356,85.567360

27.0399685,0.756132,9.552447,1.781756,9.746571,79.466614,85.474144

27.0424862,0.768096,9.578768,1.767399,9.770694,79.578529,85.415413

27.0450001,0.739382,9.607482,1.805684,9.803616,79.386353,85.599251

27.0475159,0.756132,9.614660,1.779363,9.807117,79.546593,85.503304

27.0500298,0.794417,9.631411,1.753042,9.821829,79.718513,85.284805

27.0525455,0.815953,9.617053,1.733899,9.806115,79.815521,85.150391

27.0550594,0.823131,9.638589,1.743470,9.829529,79.783356,85.118813

27.0575771,0.835095,9.674481,1.721935,9.861948,79.944389,85.066490

27.0600929,0.863809,9.657731,1.724328,9.848413,79.916283,84.888939

27.0626068,0.878465,9.664909,1.729113,9.857586,79.897514,84.806534

27.0651226,0.909572,9.698409,1.731506,9.893663,79.920662,84.642151

27.0676365,0.943071,9.703195,1.736292,9.902327,79.901451,84.448753

27.0701542,0.921536,9.724730,1.719542,9.918489,80.016342,84.586693

27.0726681,0.943071,9.696016,1.700400,9.889058,80.098923,84.444672

27.0751839,0.974178,9.707980,1.700400,9.903800,80.113808,84.269661

27.0776997,0.966999,9.748658,1.712364,9.945030,80.085243,84.335182

27.0802155,0.971785,9.727123,1.757827,9.932334,79.806084,84.294815

27.0827312,0.969392,9.679267,1.769791,9.887370,79.688766,84.280815

27.0852451,0.959821,9.676874,1.738685,9.878572,79.862808,84.335526

27.0877609,0.976571,9.638589,1.712364,9.838103,79.976372,84.214600

27.0902748,0.969392,9.626625,1.702792,9.824008,80.018524,84.249748

27.0927906,0.933500,9.650553,1.693221,9.842337,80.093872,84.474960

27.0953083,0.947857,9.626625,1.690828,9.819839,80.085121,84.376671

27.0978222,1.036391,9.602696,1.674079,9.802470,80.166748,83.840073

27.1003380,1.033998,9.605089,1.681257,9.805790,80.127541,83.855705

27.1028519,0.995713,9.562018,1.674079,9.758390,80.121887,84.055092

27.1053677,1.012463,9.535697,1.698007,9.738471,79.958542,83.939262

27.1078835,0.947857,9.542876,1.683650,9.736508,80.042282,84.327637

27.1103992,0.933500,9.557233,1.736292,9.758424,79.750931,84.421349

27.1129150,0.914357,9.562018,1.695614,9.754146,79.989120,84.537766

27.1154289,0.907179,9.528519,1.688435,9.719386,79.995918,84.561447

27.1179447,0.928714,9.554840,1.628615,9.737036,80.371460,84.448387

27.1204586,0.909572,9.583553,1.664507,9.769463,80.190170,84.578316

27.1229763,0.919143,9.550055,1.628615,9.731432,80.365868,84.502510

27.1254902,0.907179,9.612267,1.654936,9.795789,80.273598,84.608551

27.1280060,0.940678,9.645767,1.671686,9.834644,80.213387,84.429993

27.1305180,0.923929,9.650553,1.712364,9.844745,79.983208,84.531258

27.1330338,0.928714,9.679267,1.657329,9.863947,80.327354,84.519318

27.1355495,0.931107,9.648160,1.654936,9.833248,80.311005,84.487671

27.1380634,0.902393,9.652946,1.688435,9.840960,80.120758,84.659302

27.1405811,0.935893,9.607482,1.693221,9.800337,80.050987,84.436203

27.1430950,0.931107,9.640982,1.674079,9.829447,80.194008,84.483597

27.1456108,0.957428,9.652946,1.678864,9.844522,80.180908,84.335640

27.1481247,0.966999,9.609875,1.724328,9.811121,79.877556,84.253922

27.1506424,0.998106,9.595518,1.717149,9.798918,79.907455,84.061569

27.1531582,0.921536,9.648160,1.678864,9.836402,80.172722,84.543991

27.1556721,0.969392,9.631411,1.662114,9.821732,80.257050,84.252586

27.1581879,0.902393,9.581161,1.690828,9.770970,80.035027,84.619522

27.1607018,0.873679,9.605089,1.662114,9.786914,80.222046,84.802673

27.1632195,0.892822,9.640982,1.654936,9.822651,80.300453,84.709106

27.1657333,0.883251,9.614660,1.628615,9.791537,80.425560,84.751259

27.1682491,0.871287,9.645767,1.652543,9.825012,80.316963,84.838570

27.1707687,0.878465,9.621839,1.654936,9.802566,80.280388,84.783409

27.1732845,0.851845,9.617053,1.623829,9.790310,80.452751,84.938148

27.1758003,0.873679,9.624231,1.662114,9.805701,80.240967,84.812958

27.1783142,0.823131,9.605089,1.657329,9.781719,80.245247,85.101868

27.1808300,0.820738,9.645767,1.662114,9.822274,80.257591,85.136536

27.1833477,0.825524,9.681660,1.683650,9.861577,80.169838,85.126366

27.1858616,0.789631,9.676874,1.662114,9.850281,80.285561,85.335007

27.1883774,0.784846,9.710373,1.695614,9.888500,80.126511,85.379082

27.1908894,0.794417,9.648160,1.709971,9.830671,79.982880,85.292953

27.1934071,0.770489,9.657731,1.671686,9.831579,80.210304,85.438629

27.1959209,0.756132,9.672089,1.698007,9.849074,80.072456,85.529900

27.1984367,0.756132,9.667302,1.714756,9.847277,79.971672,85.527695

27.2009506,0.751346,9.626625,1.702792,9.804893,79.998871,85.537186

27.2034664,0.736989,9.638589,1.698007,9.814722,80.037354,85.627533

27.2059841,0.696311,9.619446,1.681257,9.790056,80.111519,85.859818

27.2084980,0.722632,9.619446,1.666900,9.789509,80.196243,85.703896

27.2110176,0.753739,9.621839,1.647758,9.790966,80.311378,85.520805

27.2135315,0.693919,9.638589,1.664507,9.805840,80.226921,85.882164

27.2160492,0.679562,9.652946,1.664507,9.818949,80.240097,85.973053

27.2185650,0.650848,9.631411,1.669293,9.796642,80.189247,86.134087

27.2210789,0.686740,9.624231,1.717149,9.800308,79.908897,85.918556

27.2235947,0.669990,9.674481,1.678864,9.841904,80.178268,86.038399

27.2261105,0.648455,9.660124,1.681257,9.826755,80.148811,86.159668

27.2286263,0.658026,9.626625,1.674079,9.793235,80.157387,86.089638

27.2311382,0.689133,9.669696,1.700400,9.842219,80.051331,85.923576

27.2336540,0.698704,9.669696,1.698007,9.842482,80.065735,85.867157

27.2361698,0.708275,9.676874,1.700400,9.850630,80.059906,85.813835

27.2386856,0.698704,9.676874,1.714756,9.852435,79.976974,85.870209

27.2412014,0.729811,9.674481,1.733899,9.855690,79.867287,85.685966

27.2437153,0.736989,9.696016,1.690828,9.869893,80.135902,85.653336

27.2462311,0.748953,9.676874,1.712364,9.855709,79.994461,85.574348

27.2487469,0.739382,9.691231,1.741078,9.874106,79.844078,85.637131

27.2512608,0.686740,9.722338,1.721935,9.897501,79.980881,85.959610

27.2537766,0.715454,9.751051,1.741078,9.931073,79.902946,85.803612

27.2562904,0.717847,9.703195,1.745863,9.885106,79.827316,85.768936

27.2588081,0.698704,9.746265,1.714756,9.920598,80.046547,85.899513

27.2613220,0.703490,9.734302,1.654936,9.899007,80.375984,85.866470

27.2638378,0.725025,9.731909,1.686043,9.903457,80.197769,85.739349

27.2663517,0.715454,9.741480,1.712364,9.916677,80.056602,85.799507

27.2688675,0.715454,9.691231,1.709971,9.866905,80.020042,85.777802

27.2713814,0.729811,9.768100,1.695614,9.941001,80.179169,85.727158

27.2738991,0.710668,9.758230,1.647758,9.921855,80.440399,85.834641

27.2764149,0.710668,9.734302,1.664507,9.901124,80.321877,85.824440

27.2789288,0.710668,9.782457,1.674079,9.950078,80.314041,85.844917

27.2814445,0.756132,9.746265,1.650150,9.913851,80.418579,85.563782

27.2839584,0.717847,9.707980,1.657329,9.874559,80.337845,85.771019

27.2864761,0.756132,9.760623,1.686043,9.933994,80.228195,85.570282

27.2889900,0.780060,9.717552,1.678864,9.892316,80.228813,85.410522

27.2914982,0.792024,9.731909,1.695614,9.910220,80.148361,85.347282

27.2940121,0.818345,9.715159,1.717149,9.899627,80.011185,85.185120

27.2965279,0.825524,9.674481,1.647758,9.848461,80.368477,85.122765

27.2990417,0.808774,9.700802,1.678864,9.878171,80.214684,85.234169

27.3015575,0.825524,9.640982,1.690828,9.822877,80.088219,85.105896

27.3040733,0.868595,9.593125,1.705185,9.782135,79.961128,84.826347

27.3065872,0.868595,9.614660,1.683650,9.799532,80.106972,84.837875

27.3091030,0.895215,9.605089,1.652543,9.787238,80.279228,84.675293

27.3116188,0.888036,9.609875,1.688435,9.797403,80.076393,84.720367

27.3141346,0.866202,9.559626,1.669293,9.742858,80.134552,84.822540

27.3166485,0.911965,9.578768,1.664507,9.764992,80.185631,84.561440

27.3191643,0.945464,9.602696,1.683650,9.794915,80.102264,84.376884

27.3216782,0.945464,9.614660,1.635793,9.798541,80.389900,84.383835

27.3241940,0.919143,9.605089,1.645365,9.788247,80.322868,84.533821

27.3267097,0.914357,9.631411,1.642972,9.813230,80.361908,84.576881

27.3292236,0.923929,9.631411,1.688435,9.821839,80.101334,84.520454

27.3317413,0.931107,9.614660,1.638186,9.797566,80.374741,84.468590

27.3342552,0.955035,9.619446,1.686043,9.812675,80.106171,84.330154

27.3367710,0.921536,9.612267,1.654936,9.797129,80.274940,84.523743

27.3392849,0.902393,9.638589,1.647758,9.819970,80.340263,84.651390

27.3418007,0.876072,9.650553,1.633401,9.826936,80.432083,84.812935

27.3443165,0.892822,9.662517,1.633401,9.840191,80.445091,84.720825

27.3468323,0.861416,9.660124,1.635793,9.835439,80.426292,84.904274

27.3493481,0.885643,9.643374,1.619044,9.818367,80.508606,84.752701

27.3518600,0.859023,9.629018,1.645365,9.806280,80.340836,84.902031

27.3543758,0.844666,9.640982,1.674079,9.821635,80.186127,84.992981

27.3568897,0.895215,9.614660,1.671686,9.799879,80.178322,84.680565

27.3594074,0.866202,9.578768,1.657329,9.759602,80.222923,84.832832

27.3619232,0.863809,9.571589,1.662114,9.753160,80.187874,84.843185

27.3644371,0.863809,9.562018,1.724328,9.754572,79.818253,84.838051

27.3669529,0.856631,9.569197,1.726721,9.761399,79.811180,84.884544

27.3694668,0.878465,9.583553,1.681257,9.769484,80.090485,84.762688

27.3719864,0.868595,9.578768,1.729113,9.772261,79.808365,84.818634

27.3745003,0.876072,9.607482,1.707578,9.797297,79.962616,84.789810

27.3770161,0.921536,9.562018,1.654936,9.747832,80.225273,84.495140

27.3795319,0.878465,9.530911,1.717149,9.724123,79.829002,84.733925

27.3820457,0.823131,9.590733,1.738685,9.781754,79.761398,85.094574

27.3845615,0.832702,9.614660,1.657329,9.791926,80.255516,85.050102

27.3870754,0.839881,9.576375,1.700400,9.762362,79.969109,84.987793

27.3895931,0.808774,9.609875,1.702792,9.793024,79.986626,85.189285

27.3921032,0.839881,9.629018,1.724328,9.818182,79.884911,85.015053

27.3946190,0.818345,9.593125,1.702792,9.777385,79.970444,85.124168

27.3971329,0.803988,9.581161,1.705185,9.764871,79.943199,85.203346

27.3996487,0.837488,9.626625,1.719542,9.814791,79.909760,85.027954

27.4021626,0.830309,9.600304,1.664507,9.778846,80.199677,85.056915

27.4046783,0.851845,9.588340,1.645365,9.765712,80.300323,84.923073

27.4071960,0.811167,9.624231,1.693221,9.805653,80.056435,85.182281

27.4097099,0.782453,9.643374,1.686043,9.820878,80.114525,85.361244

27.4122276,0.830309,9.629018,1.657329,9.805822,80.269463,85.071579

27.4147415,0.808774,9.621839,1.628615,9.792154,80.426170,85.195236

27.4172573,0.830309,9.612267,1.623829,9.783758,80.446297,85.063034

27.4197731,0.815953,9.595518,1.640579,9.768891,80.331985,85.139557

27.4222870,0.854238,9.597911,1.650150,9.776125,80.282295,84.913933

27.4248028,0.801596,9.614660,1.657329,9.789330,80.252907,85.234146

27.4273167,0.775275,9.650553,1.669293,9.824498,80.217339,85.407021

27.4298325,0.782453,9.629018,1.693221,9.808018,80.058861,85.354355

27.4323483,0.765703,9.626625,1.700400,9.805589,80.013779,85.452263

27.4348640,0.736989,9.681660,1.695614,9.856611,80.094246,85.646912

27.4373779,0.696311,9.686445,1.714756,9.861667,79.986450,85.888359

27.4398937,0.681954,9.712767,1.650150,9.875521,80.381042,85.983727

27.4424095,0.686740,9.719945,1.647758,9.882512,80.401978,85.958618

27.4449253,0.689133,9.734302,1.712364,9.907761,80.047569,85.950539

27.4474411,0.703490,9.741480,1.724328,9.917894,79.987663,85.869507

27.4499550,0.660419,9.751051,1.709971,9.921852,80.075874,86.125389

27.4524708,0.667598,9.772886,1.688435,9.940111,80.220276,86.092125

27.4549866,0.674776,9.739087,1.736292,9.915636,79.915146,86.036575

27.4575024,0.701097,9.741480,1.741078,9.920651,79.892227,85.883507

27.4600182,0.744168,9.707980,1.750649,9.892595,79.806938,85.616547

27.4625320,0.715454,9.684052,1.772184,9.870834,79.657181,85.774689

27.4650478,0.710668,9.710373,1.733899,9.889530,79.902328,85.814186

27.4675617,0.787239,9.679267,1.736292,9.865225,79.863068,85.350227

27.4700775,0.760918,9.621839,1.743470,9.808082,79.760773,85.478325

27.4725933,0.777667,9.640982,1.726721,9.825215,79.878052,85.388351

27.4751091,0.799203,9.655338,1.714756,9.838937,79.963081,85.268234

27.4776268,0.765703,9.676874,1.698007,9.854512,80.077988,85.475777

27.4801407,0.780060,9.629018,1.702792,9.809484,80.003601,85.368500

27.4826565,0.811167,9.619446,1.662114,9.795630,80.230835,85.179893

27.4851704,0.818345,9.645767,1.676471,9.824513,80.174873,85.150650

27.4876862,0.777667,9.662517,1.714756,9.844256,79.968559,85.398590

27.4902000,0.782453,9.679267,1.681257,9.855307,80.177635,85.378372

27.4927158,0.820738,9.681660,1.690828,9.862406,80.128342,85.154480

27.4952316,0.796810,9.736694,1.657329,9.908828,80.371582,85.321579

27.4977455,0.782453,9.698409,1.695614,9.876562,80.114456,85.387451

27.5002613,0.760918,9.731909,1.683650,9.905742,80.214096,85.529259

27.5027752,0.760918,9.758230,1.669293,9.929179,80.321472,85.541267

27.5052910,0.789631,9.741480,1.669293,9.914963,80.307465,85.365814

27.5078068,0.751346,9.739087,1.717149,9.917809,80.029686,85.588509

27.5103226,0.741775,9.758230,1.702792,9.933418,80.129578,85.653000

27.5128365,0.760918,9.758230,1.707578,9.935687,80.103836,85.541267

27.5153542,0.763310,9.727123,1.719542,9.907391,80.005043,85.513062

27.5178699,0.765703,9.710373,1.705185,9.888645,80.070358,85.491318

27.5203838,0.770489,9.691231,1.681257,9.866115,80.188507,85.454330

27.5228996,0.756132,9.655338,1.686043,9.830566,80.124359,85.522171

27.5254135,0.782453,9.672089,1.657329,9.844200,80.307762,85.374954

27.5279293,0.758525,9.655338,1.707578,9.834467,80.000938,85.508064

27.5304470,0.763310,9.626625,1.690828,9.803747,80.068680,85.466408

27.5329590,0.784846,9.593125,1.688435,9.772146,80.050484,85.322853

27.5354767,0.818345,9.600304,1.736292,9.790313,79.784676,85.127792

27.5379906,0.847059,9.595518,1.683650,9.778863,80.085854,84.955200

27.5405064,0.839881,9.597911,1.664507,9.777314,80.198120,84.998978

27.5430202,0.832702,9.607482,1.683650,9.789371,80.096603,85.046425

27.5455360,0.832702,9.621839,1.647758,9.797360,80.317764,85.053780

27.5480499,0.861416,9.631411,1.671686,9.813289,80.191879,84.889168

27.5505676,0.866202,9.629018,1.654936,9.808522,80.286346,84.859657

27.5530834,0.863809,9.597911,1.678864,9.781853,80.117363,84.857254

27.5555973,0.890429,9.633803,1.657329,9.815791,80.279442,84.719292

27.5581131,0.890429,9.655338,1.714756,9.846766,79.971146,84.731003

27.5606289,0.885643,9.640982,1.709971,9.831424,79.983658,84.751404

27.5631447,0.933500,9.648160,1.688435,9.839168,80.118935,84.473595

27.5656586,0.947857,9.650553,1.707578,9.846189,80.012970,84.390518

27.5681744,0.945464,9.617053,1.669293,9.806536,80.199242,84.385223

27.5706902,0.978964,9.617053,1.652543,9.806986,80.298988,84.187622

27.5731792,1.031606,9.619446,1.666900,9.817154,80.224121,83.878899

27.5756950,0.998106,9.595518,1.693221,9.794753,80.045258,84.061569

27.5782089,1.038784,9.583553,1.664507,9.782339,80.203209,83.813728

27.5807247,1.098605,9.597911,1.662114,9.802523,80.237770,83.470177

27.5832367,1.089033,9.593125,1.669293,9.797989,80.190613,83.523384

27.5857525,1.093819,9.600304,1.623829,9.797913,80.460228,83.499985

27.5882664,1.072284,9.562018,1.631008,9.759210,80.379295,83.601593

27.5907822,1.081855,9.593125,1.647758,9.793548,80.313957,83.565712

27.5933266,1.110569,9.631411,1.628615,9.831064,80.464417,83.422447

27.5958405,1.072284,9.573982,1.638186,9.772133,80.349449,83.609520

27.5983582,1.124926,9.576375,1.626222,9.778395,80.426788,83.300232

27.6008720,1.077069,9.578768,1.614258,9.773367,80.492943,83.584419

27.6033878,1.055534,9.528519,1.645365,9.726975,80.261322,83.678757

27.6059017,1.033998,9.538090,1.614258,9.728830,80.449013,83.812881

27.6084175,1.072284,9.550055,1.640579,9.749094,80.312164,83.593643

27.6109352,1.060320,9.514162,1.662114,9.716285,80.150269,83.640831

27.6134491,1.014856,9.516555,1.650150,9.711733,80.217232,83.912918

27.6159649,1.038784,9.530911,1.674079,9.732414,80.095261,83.779823

27.6184788,1.024427,9.506984,1.654936,9.704175,80.180870,83.849808

27.6209946,1.043570,9.504591,1.633401,9.700221,80.305893,83.734230

27.6235085,0.993321,9.526126,1.690828,9.725876,79.988350,84.047096

27.6260262,0.986142,9.557233,1.664507,9.751090,80.171501,84.108910

27.6285419,1.012463,9.528519,1.700400,9.731860,79.937340,83.934731

27.6310558,0.988535,9.528519,1.714756,9.731920,79.851547,84.077049

27.6335735,0.974178,9.562018,1.642972,9.750927,80.299736,84.182777

27.6360893,0.976571,9.588340,1.662114,9.780213,80.215286,84.184486

27.6386051,0.966999,9.600304,1.698007,9.797150,80.019302,84.248230

27.6411209,0.952643,9.595518,1.693221,9.790224,80.040604,84.330261

27.6436348,0.928714,9.617053,1.698007,9.809865,80.032372,84.484077

27.6461506,0.880858,9.645767,1.681257,9.830735,80.152840,84.782181

27.6486664,0.904786,9.636196,1.678864,9.823111,80.159286,84.635963

27.6511822,0.897608,9.650553,1.664507,9.834097,80.255272,84.686150

27.6536922,0.859023,9.614660,1.659722,9.794605,80.244003,84.894455

27.6562099,0.837488,9.664909,1.652543,9.840872,80.332718,85.047554

27.6587238,0.835095,9.679267,1.700400,9.862907,80.072411,85.068924

27.6612396,0.818345,9.691231,1.726721,9.877813,79.932518,85.173286

27.6637554,0.820738,9.676874,1.719542,9.862674,79.959251,85.152092

27.6662693,0.847059,9.662517,1.733899,9.853332,79.864838,84.990005

27.6687870,0.856631,9.650553,1.745863,9.844543,79.784950,84.927437

27.6713009,0.813560,9.624231,1.714756,9.809592,79.932747,85.168137

27.6738167,0.851845,9.643374,1.745863,9.837090,79.777130,84.951897

27.6763306,0.854238,9.624231,1.772184,9.823248,79.606522,84.927773

27.6788464,0.839881,9.621839,1.717149,9.809882,79.918854,85.011353

27.6813602,0.863809,9.631411,1.774577,9.831549,79.601219,84.875046

27.6838779,0.849452,9.643374,1.748256,9.837308,79.763191,84.966003

27.6863937,0.825524,9.636196,1.709971,9.821495,79.973427,85.103477

27.6889076,0.835095,9.645767,1.719542,9.833364,79.929016,85.051880

27.6914234,0.808774,9.643374,1.714756,9.827979,79.951775,85.205917

27.6939373,0.854238,9.624231,1.693221,9.809309,80.060181,84.927773

27.6964531,0.847059,9.664909,1.712364,9.851912,79.990570,84.991241

27.6989670,0.839881,9.657731,1.733899,9.848023,79.859322,85.029800

27.7014847,0.794417,9.688838,1.693221,9.867708,80.119598,85.312630

27.7040005,0.827917,9.727123,1.686043,9.906822,80.201134,85.135040

27.7065144,0.825524,9.703195,1.681257,9.882312,80.204742,85.137131

27.7090302,0.818345,9.688838,1.702792,9.871310,80.066841,85.172104

27.7115440,0.825524,9.724730,1.678864,9.903053,80.239510,85.147842

27.7140617,0.818345,9.743873,1.700400,9.924923,80.135063,85.199242

27.7165756,0.803988,9.734302,1.683650,9.911494,80.219833,85.278465

27.7190914,0.815953,9.739087,1.662114,9.913537,80.348145,85.210876

27.7216072,0.806381,9.710373,1.676471,9.886969,80.237549,85.252861

27.7241211,0.806381,9.693624,1.678864,9.870926,80.207428,85.244698

27.7266369,0.801596,9.660124,1.645365,9.831977,80.366318,85.256470

27.7291527,0.803988,9.631411,1.681257,9.810051,80.131874,85.228256

27.7316685,0.801596,9.588340,1.693221,9.769637,80.019402,85.221123

27.7341824,0.832702,9.595518,1.674079,9.775986,80.139847,85.040276

27.7366982,0.818345,9.578768,1.676471,9.758741,80.107986,85.116890

27.7392139,0.806381,9.559626,1.700400,9.743103,79.949074,85.178352

27.7417278,0.849452,9.528519,1.666900,9.710447,80.115623,84.905640

27.7442436,0.830309,9.511769,1.693221,9.696916,79.943779,85.011131

27.7467594,0.818345,9.451650,1.678864,9.634415,79.964577,85.051544

27.7492752,0.839881,9.456435,1.678864,9.640962,79.971466,84.924545

27.7517891,0.832702,9.494720,1.681257,9.678312,79.996178,84.987892

27.7543049,0.856631,9.449257,1.674079,9.634563,79.993637,84.819962

27.7568188,0.811167,9.518948,1.664507,9.697368,80.116508,85.129250

27.7593346,0.789631,9.439685,1.712364,9.626181,79.753342,85.218330

27.7618504,0.715454,9.310472,1.923231,9.533918,78.362137,85.605797

27.7643642,0.787239,9.262616,1.966302,9.501692,78.056778,85.142052

27.7668819,0.998106,9.149855,1.619044,9.345446,80.023506,83.774544

27.7693958,0.959821,9.286545,1.400998,9.440549,81.465660,84.099083

27.7719116,0.782453,9.650553,1.484746,9.795401,81.281738,85.364677

27.7744255,0.825524,9.911670,1.583151,10.071199,80.955826,85.238937

27.7769413,0.945464,10.016953,1.633401,10.193196,80.778931,84.608032

27.7794571,0.962214,10.009775,1.650150,10.190411,80.680962,84.509178

27.7819710,1.038784,9.861421,1.537389,10.034453,81.186943,83.986740

27.7844887,0.935893,9.827921,1.470389,9.981281,81.528656,84.560242

27.7870026,0.866202,9.878170,1.470389,10.024500,81.565445,84.988640

27.7895184,0.849452,9.952348,1.520639,10.103620,81.343842,85.121521

27.7920322,0.808774,9.978668,1.556830,10.131716,81.160965,85.366287

27.7945499,0.748953,9.918848,1.573580,10.070781,81.010582,85.681900

27.7970657,0.693919,9.803992,1.602294,9.958269,80.740814,85.951401

27.7995815,0.653241,9.770494,1.561616,9.916042,80.939125,86.174980

27.8020973,0.629312,9.707980,1.515853,9.845747,81.143501,86.291031

27.8046112,0.669990,9.669696,1.552045,9.816352,80.902901,86.036446

27.8071270,0.703490,9.648160,1.542174,9.795927,80.942238,85.829689