Keuwl Accelerometer Data File

2024-04-22 15:54:36

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

0.0000000,0.078365,9.712767,1.302892,9.800076,82.360069,89.537735

0.0025154,0.121436,9.655338,1.281057,9.740709,82.442802,89.279427

0.0050308,0.159721,9.648160,1.324427,9.739949,82.184776,89.051582

0.0075462,0.162114,9.617053,1.329213,9.709830,82.131874,89.034264

0.0100620,0.078365,9.696016,1.295713,9.782522,82.388702,89.536934

0.0125774,0.104686,9.724730,1.326820,9.815385,82.231110,89.383240

0.0150928,0.152542,9.741480,1.300499,9.829089,82.396828,89.102875

0.0176082,0.181256,9.755837,1.290928,9.842546,82.463493,88.935608

0.0201237,0.205185,9.796814,1.310070,9.886149,82.385010,88.800171

0.0226391,0.209970,9.787243,1.281057,9.872959,82.544617,88.770996

0.0251545,0.265005,9.753445,1.290928,9.842073,82.463127,88.443634

0.0276699,0.274576,9.717552,1.290928,9.806768,82.435837,88.381500

0.0301860,0.207577,9.777672,1.230808,9.857020,82.826973,88.783806

0.0327014,0.236291,9.832706,1.269093,9.917084,82.647675,88.623383

0.0352169,0.279362,9.748658,1.269093,9.834886,82.585884,88.358559

0.0377323,0.221934,9.763016,1.218844,9.841307,82.885658,88.697769

0.0402478,0.131007,9.825528,1.223630,9.902294,82.901802,89.236099

0.0427632,0.166899,9.803992,1.199701,9.878532,83.024475,89.024712

0.0452787,0.181256,9.849456,1.216451,9.925945,82.960548,88.945724

0.0477941,0.164507,9.866206,1.206880,9.941109,83.026924,89.044754

0.0503309,0.071186,9.784850,1.190130,9.857220,83.065369,89.583168

0.0528469,0.157328,9.724730,1.230808,9.803572,82.787659,89.073143

0.0553628,0.221934,9.693624,1.317249,9.785231,82.263580,88.688446

0.0578789,0.219541,9.643374,1.384248,9.744691,81.833427,88.695824

0.0603948,0.200399,9.648160,1.396212,9.750721,81.767487,88.810097

0.0629108,0.166899,9.602696,1.403391,9.706140,81.686584,89.004272

0.0654268,0.123829,9.605089,1.405783,9.708208,81.674095,89.261383

0.0679428,0.157328,9.571589,1.374677,9.671081,81.828125,89.058311

0.0704128,0.126221,9.581161,1.343570,9.675730,82.018127,89.245232

0.0728771,0.123829,9.636196,1.391426,9.736923,81.784187,89.263771

0.0753907,0.202792,9.600304,1.355534,9.697651,81.964905,88.789894

0.0779043,0.219541,9.607482,1.355534,9.705121,81.971130,88.690956

0.0804178,0.214756,9.593125,1.353141,9.690468,81.973198,88.717567

0.0829314,0.226720,9.626625,1.341177,9.722246,82.070801,88.650856

0.0854450,0.219541,9.655338,1.286142,9.743095,82.414505,88.697441

0.0879586,0.243470,9.638589,1.264308,9.724204,82.529449,88.553024

0.0904608,0.276969,9.657731,1.269093,9.744695,82.516869,88.357292

0.0929741,0.257827,9.617053,1.261915,9.702918,82.527222,88.464310

0.0954874,0.219541,9.650553,1.273879,9.736741,82.482315,88.696800

0.0980007,0.202792,9.645767,1.259522,9.729766,82.562164,88.795593

0.1005140,0.190828,9.576375,1.271486,9.662300,82.438377,88.858421

0.1030273,0.095115,9.545269,1.322034,9.636855,82.114998,89.429092

0.1055406,0.073579,9.504591,1.384248,9.605145,81.713951,89.556458

0.1080539,0.071186,9.573982,1.405783,9.676902,81.646965,89.573990

0.1105949,0.071186,9.650553,1.479961,9.763633,81.281563,89.577370

0.1131089,0.025424,9.736694,1.475175,9.847842,81.384850,89.850395

0.1156229,0.054138,9.789636,1.470389,9.899593,81.458237,89.683151

0.1181369,0.061316,9.854242,1.405783,9.954199,81.881256,89.643494

0.1206509,0.011067,9.921241,1.424926,10.023051,81.826859,89.936089

0.1231649,0.011067,10.004990,1.427319,10.106294,81.880936,89.936623

0.1256789,-0.036790,10.019346,1.396212,10.116227,82.066879,90.210381

0.1281929,-0.082253,10.115358,1.367498,10.207707,82.301094,90.465889

0.1307160,-0.079860,10.144073,1.298106,10.227104,82.707886,90.451057

0.1332302,-0.101396,10.084252,1.293321,10.167355,82.691994,90.576080

0.1357444,-0.075075,10.033704,1.298106,10.117605,82.628532,90.428696

0.1382586,-0.036790,9.916455,1.261915,9.996492,82.747871,90.212563

0.1407729,-0.032004,9.806385,1.242772,9.884871,82.777390,90.186989

0.1432871,0.049352,9.768100,1.266701,9.850012,82.611366,89.710526

0.1458014,0.056530,9.717552,1.240379,9.796558,82.726044,89.666695

0.1483156,0.042173,9.698409,1.240379,9.777497,82.711784,89.750854

0.1508220,0.102293,9.679267,1.237987,9.758652,82.711792,89.394508

0.1533360,0.200399,9.617053,1.245165,9.699397,82.624268,88.806252

0.1558501,0.174078,9.672089,1.264308,9.755925,82.553879,88.968903

0.1583641,0.214756,9.662517,1.269093,9.747869,82.519318,88.726776

0.1608781,0.231506,9.667302,1.214058,9.745987,82.844070,88.628181

0.1633922,0.262612,9.674481,1.230808,9.755995,82.752296,88.445099

0.1659063,0.353839,9.662517,1.290928,9.754789,82.395294,87.902779

0.1684203,0.286541,9.643374,1.254736,9.728882,82.589905,88.298027

0.1709482,0.253041,9.710373,1.300499,9.800341,82.374390,88.507278

0.1734626,0.296112,9.684052,1.286142,9.773572,82.438293,88.248596

0.1759769,0.334696,9.643374,1.307678,9.737388,82.282173,88.012215

0.1784914,0.368196,9.564411,1.283749,9.657201,82.360954,87.795403

0.1810057,0.298505,9.626625,1.242772,9.711102,82.647446,88.223930

0.1835200,0.229113,9.681660,1.319642,9.773868,82.240379,88.644371

0.1860344,0.221934,9.679267,1.312463,9.770365,82.280060,88.686508

0.1885488,0.207577,9.669696,1.293321,9.758012,82.383644,88.770233

0.1910960,0.174078,9.664909,1.295713,9.752931,82.365471,88.968140

0.1936112,0.142971,9.703195,1.307678,9.791958,82.325447,89.155838

0.1961265,0.171685,9.679267,1.273879,9.764243,82.503616,88.983826

0.1986417,0.162114,9.643374,1.305285,9.732662,82.292618,89.036896

0.2011568,0.145364,9.700802,1.314856,9.790585,82.281967,89.141502

0.2036720,0.142971,9.700802,1.290928,9.787364,82.420753,89.155632

0.2061872,0.174078,9.645767,1.298106,9.734281,82.336540,88.966095

0.2087024,0.109472,9.684052,1.312463,9.773199,82.282318,89.352341

0.2112022,0.119043,9.715159,1.369891,9.811987,81.974487,89.297974

0.2137170,0.135793,9.707980,1.317249,9.797881,82.273636,89.198616

0.2162318,0.107079,9.722338,1.286142,9.807623,82.464699,89.368988

0.2187467,0.131007,9.746265,1.266701,9.829109,82.595566,89.229889

0.2212615,0.123829,9.743873,1.283749,9.828856,82.495140,89.271904

0.2237763,0.109472,9.784850,1.317249,9.873724,82.333336,89.359009

0.2262911,0.147757,9.751051,1.293321,9.837556,82.445587,89.131866

0.2288059,0.121436,9.748658,1.314856,9.837679,82.319138,89.286324

0.2313285,0.162114,9.710373,1.357927,9.806202,82.040314,89.043541

0.2338435,0.207577,9.638589,1.345963,9.734326,82.052261,88.766266

0.2363585,0.176471,9.643374,1.348356,9.738782,82.041710,88.951622

0.2388735,0.181256,9.638589,1.341177,9.733140,82.079735,88.922661

0.2413885,0.188435,9.657731,1.350748,9.753553,82.039650,88.882225

0.2439035,0.176471,9.648160,1.360320,9.745184,81.975945,88.952141

0.2464185,0.150150,9.664909,1.341177,9.758677,82.100594,89.109947

0.2489336,0.133400,9.684052,1.348356,9.778380,82.074142,89.210785

0.2514483,0.138186,9.669696,1.350748,9.764561,82.048676,89.181267

0.2539633,0.181256,9.688838,1.333999,9.781921,82.161926,88.928253

0.2564783,0.169292,9.743873,1.288535,9.830160,82.468010,89.004631

0.2589933,0.145364,9.736694,1.293321,9.823290,82.434555,89.144669

0.2615083,0.135793,9.746265,1.281057,9.831035,82.512642,89.201759

0.2640233,0.140578,9.782457,1.269093,9.865436,82.608971,89.176689

0.2665383,0.140578,9.792028,1.242772,9.871578,82.767616,89.177498

0.2690533,0.126221,9.806385,1.269093,9.888969,82.626656,89.262566

0.2715724,0.133400,9.792028,1.298106,9.878597,82.449158,89.219490

0.2740875,0.131007,9.787243,1.252344,9.867910,82.708893,89.233116

0.2766026,0.090329,9.803992,1.242772,9.882859,82.775917,89.472122

0.2791176,0.114257,9.808778,1.240379,9.887553,82.793343,89.332619

0.2816328,0.150150,9.758230,1.278665,9.842793,82.535683,89.118462

0.2841478,0.128614,9.765409,1.290928,9.851205,82.470154,89.245438

0.2866629,0.138186,9.736694,1.242772,9.816659,82.726936,89.186897

0.2891780,0.152542,9.686445,1.269093,9.770419,82.536682,89.097778

0.2916986,0.200399,9.691231,1.271486,9.776339,82.527084,88.815384

0.2942139,0.181256,9.724730,1.266701,9.808556,82.579964,88.932205

0.2967291,0.147757,9.727123,1.283749,9.812582,82.482620,89.129730

0.2992444,0.169292,9.679267,1.266701,9.763268,82.545349,88.997986

0.3017596,0.193220,9.667302,1.281057,9.753726,82.452950,88.854980

0.3042748,0.188435,9.746265,1.192523,9.820759,83.025429,88.892380

0.3067901,0.176471,9.743873,1.240379,9.824090,82.746536,88.962433

0.3093053,0.262612,9.652946,1.247558,9.736772,82.638542,88.441628

0.3118495,0.221934,9.664909,1.261915,9.749470,82.563103,88.684555

0.3143655,0.217149,9.693624,1.261915,9.777828,82.584793,88.716721

0.3168814,0.269791,9.614660,1.273879,9.702435,82.455582,88.392685

0.3193974,0.300897,9.597911,1.252344,9.683946,82.569611,88.204346

0.3219133,0.324826,9.631411,1.261915,9.719157,82.539772,88.068398

0.3244293,0.339482,9.621839,1.233201,9.706483,82.700890,87.979301

0.3269452,0.276969,9.633803,1.254736,9.719117,82.582420,88.353218

0.3294612,0.286541,9.655338,1.252344,9.740433,82.612938,88.300140

0.3319820,0.257827,9.667302,1.295713,9.757155,82.368797,88.472282

0.3344981,0.243470,9.686445,1.223630,9.766461,82.802559,88.560165

0.3370142,0.209970,9.684052,1.240379,9.765424,82.702721,88.757904

0.3395303,0.183649,9.664909,1.281057,9.751170,82.450958,88.911415

0.3420464,0.181256,9.719945,1.305285,9.808871,82.352859,88.931679

0.3445625,0.133400,9.691231,1.290928,9.777742,82.413246,89.211372

0.3470785,0.090329,9.707980,1.305285,9.795754,82.342560,89.466904

0.3495946,0.109472,9.715159,1.319642,9.804987,82.265160,89.354408

0.3520766,0.071186,9.755837,1.319642,9.844942,82.296738,89.581932

0.3545918,0.034995,9.808778,1.302892,9.894992,82.433784,89.795586

0.3571070,-0.065504,9.930812,1.372284,10.025392,82.132607,90.377914

0.3596222,-0.020040,9.995419,1.391426,10.091822,82.075005,90.114876

0.3621375,0.073579,9.880563,1.302892,9.966367,82.488289,89.573334

0.3646527,0.037388,9.811171,1.240379,9.889338,82.794647,89.781662

0.3671679,0.078365,9.789636,1.192523,9.862313,83.054962,89.541367

0.3696831,0.109472,9.748658,1.199701,9.822811,82.984711,89.356628

0.3722193,0.071186,9.772886,1.206880,9.847382,82.960220,89.582657

0.3747350,0.087936,9.787243,1.209273,9.862059,82.956741,89.485222

0.3772508,0.063709,9.818350,1.216451,9.893624,82.937439,89.628227

0.3797665,0.018245,9.813564,1.206880,9.887514,82.988937,89.893478

0.3822823,0.061316,9.748658,1.264308,9.830492,82.610672,89.639633

0.3847980,0.066102,9.727123,1.259522,9.808552,82.622246,89.610649

0.3873138,0.013460,9.698409,1.269093,9.781100,82.544884,89.920486

0.3898295,0.071186,9.700802,1.230808,9.778830,82.769318,89.579559

0.3923559,0.039781,9.741480,1.214058,9.816921,82.896042,89.766029

0.3948719,0.063709,9.729516,1.240379,9.808470,82.734924,89.624832

0.3973879,0.128614,9.703195,1.218844,9.780292,82.841049,89.240601

0.3999040,0.066102,9.707980,1.187737,9.780592,83.024887,89.609879

0.4024200,0.039781,9.741480,1.226022,9.818408,82.826767,89.766029

0.4049360,0.095115,9.712767,1.237987,9.791807,82.736610,89.438934

0.4074520,0.131007,9.727123,1.281057,9.811993,82.498024,89.228371

0.4099680,0.095115,9.712767,1.295713,9.799273,82.401787,89.438934

0.4124810,0.133400,9.703195,1.261915,9.785816,82.590881,89.212349

0.4149969,0.131007,9.722338,1.264308,9.805075,82.591415,89.227997

0.4175129,0.119043,9.722338,1.261915,9.804613,82.605164,89.298492

0.4200288,0.142971,9.688838,1.276272,9.773582,82.496666,89.154587

0.4225447,0.138186,9.719945,1.273879,9.804040,82.534218,89.185501

0.4250607,0.063709,9.696016,1.300499,9.783051,82.360840,89.623535

0.4275767,0.092722,9.746265,1.288535,9.831511,82.469048,89.454926

0.4300927,0.114257,9.782457,1.281057,9.866642,82.539810,89.330826

0.4325844,0.119043,9.717552,1.276272,9.801727,82.518341,89.298141

0.4350997,0.092722,9.715159,1.283749,9.800048,82.472954,89.453186

0.4376150,0.066102,9.719945,1.276272,9.803600,82.519775,89.610359

0.4401304,0.037388,9.748658,1.273879,9.831607,82.555267,89.780258

0.4426457,0.046959,9.693624,1.273879,9.777081,82.513512,89.722443

0.4451610,0.058923,9.753445,1.247558,9.833085,82.711037,89.653862

0.4476764,0.075972,9.729516,1.266701,9.811921,82.582520,89.552620

0.4501917,0.061316,9.746265,1.286142,9.830952,82.482681,89.639542

0.4527093,0.087936,9.691231,1.293321,9.777544,82.398949,89.480125

0.4552247,0.075972,9.722338,1.288535,9.807648,82.450623,89.552292

0.4577401,0.066102,9.715159,1.273879,9.798544,82.530006,89.610168

0.4602555,0.071186,9.719945,1.271486,9.803014,82.547539,89.580391

0.4627709,0.054138,9.707980,1.305285,9.795487,82.342346,89.680489

0.4652863,0.042173,9.707980,1.295713,9.794158,82.397797,89.751099

0.4678017,0.034995,9.712767,1.281057,9.796947,82.486435,89.793564

0.4703171,0.046959,9.717552,1.259522,9.798950,82.614975,89.723129

0.4728311,0.080758,9.727123,1.259522,9.808661,82.622330,89.524323

0.4753464,0.061316,9.667302,1.269093,9.750441,82.521301,89.636597

0.4778618,0.056530,9.696016,1.249951,9.776416,82.654419,89.665955

0.4803772,0.058923,9.710373,1.290928,9.795984,82.427460,89.652328

0.4828925,0.023031,9.715159,1.233201,9.793142,82.765823,89.864174

0.4854079,0.039781,9.739087,1.214058,9.814547,82.894318,89.765968

0.4879232,0.044566,9.736694,1.211666,9.811897,82.906471,89.737747

0.4904386,0.054138,9.722338,1.223630,9.799186,82.826721,89.680962

0.4929606,0.051745,9.717552,1.202094,9.791759,82.948242,89.694908

0.4954762,0.039781,9.765409,1.228415,9.842448,82.830338,89.766602

0.4979916,0.044566,9.753445,1.264308,9.835148,82.614197,89.738197

0.5005072,0.039781,9.751051,1.269093,9.833370,82.584732,89.766258

0.5030227,0.058923,9.741480,1.273879,9.824595,82.549927,89.653442

0.5055382,0.075972,9.787243,1.233201,9.864922,82.818741,89.555260

0.5080537,0.061316,9.753445,1.197309,9.826851,83.001663,89.639809

0.5105693,0.075972,9.763016,1.235594,9.841187,82.787285,89.554153

0.5130974,0.066102,9.746265,1.252344,9.826618,82.678085,89.611412

0.5156133,0.049352,9.746265,1.221237,9.822603,82.857979,89.709877

0.5181291,0.054138,9.736694,1.209273,9.811650,82.920372,89.681427

0.5206450,0.030209,9.748658,1.261915,9.830040,82.624397,89.822449

0.5231608,0.020638,9.763016,1.261915,9.844254,82.635109,89.878883

0.5256767,0.020638,9.710373,1.254736,9.791125,82.637276,89.878227

0.5281925,0.023031,9.748658,1.249951,9.828492,82.693550,89.864639

0.5307083,0.003888,9.736694,1.235594,9.814781,82.767784,89.977119

0.5332111,-0.024826,9.743873,1.228415,9.821033,82.814621,90.145981

0.5357267,-0.024826,9.743873,1.295713,9.829677,82.425430,90.145981

0.5382422,-0.020040,9.751051,1.307678,9.838365,82.361862,90.117752

0.5407577,-0.020040,9.736694,1.273879,9.819694,82.546188,90.117928

0.5432732,-0.036790,9.712767,1.288535,9.797934,82.443092,90.217018

0.5457887,-0.032004,9.710373,1.293321,9.796175,82.413490,90.188835

0.5483043,-0.058325,9.743873,1.281057,9.827897,82.510231,90.342957

0.5508197,-0.082253,9.748658,1.324427,9.838557,82.263580,90.483414

0.5533336,-0.070289,9.743873,1.298106,9.830213,82.411774,90.413307

0.5558490,-0.082253,9.763016,1.319642,9.852141,82.302399,90.482704

0.5583645,-0.103789,9.755837,1.288535,9.841110,82.476440,90.609528

0.5608799,-0.077468,9.727123,1.286142,9.812089,82.468147,90.456299

0.5633954,-0.072682,9.722338,1.302892,9.809519,82.367470,90.428322

0.5659109,-0.084646,9.751051,1.288535,9.836183,82.472649,90.497353

0.5684264,-0.055932,9.765409,1.305285,9.852416,82.386856,90.328163

0.5709419,-0.039182,9.784850,1.257129,9.865354,82.678970,90.229431

0.5734588,-0.058325,9.739087,1.269093,9.821599,82.575798,90.343124

0.5759743,-0.053539,9.734302,1.264308,9.816210,82.599861,90.315125

0.5784898,-0.036790,9.772886,1.261915,9.854090,82.642494,90.215683

0.5810053,-0.058325,9.772886,1.288535,9.857638,82.489128,90.341942

0.5835208,-0.058325,9.739087,1.276272,9.822530,82.534271,90.343124

0.5860363,-0.060718,9.789636,1.261915,9.870820,82.655037,90.355362

0.5885519,-0.036790,9.765409,1.242772,9.844238,82.747421,90.215851

0.5910674,-0.039182,9.784850,1.216451,9.860252,82.913414,90.229431

0.5935909,-0.046361,9.746265,1.233201,9.824084,82.788734,90.272545

0.5961065,-0.003290,9.753445,1.233201,9.831098,82.793907,90.019325

0.5986223,-0.012861,9.777672,1.218844,9.853355,82.894402,90.075363

0.6011381,-0.000897,9.731909,1.202094,9.805870,82.958443,90.005280

0.6036537,0.001496,9.734302,1.197309,9.807659,82.987900,89.991196

0.6061694,0.032602,9.746265,1.223630,9.822832,82.844078,89.808342

0.6086851,0.039781,9.746265,1.230808,9.823754,82.802559,89.766144

0.6112008,0.044566,9.729516,1.226022,9.806559,82.818054,89.737556

0.6137388,0.032602,9.715159,1.185344,9.787258,83.043777,89.807724

0.6162551,0.042173,9.734302,1.226022,9.811296,82.821541,89.751770

0.6187713,0.049352,9.717552,1.240379,9.796520,82.726013,89.709015

0.6212876,0.066102,9.696016,1.175773,9.767269,83.086029,89.609398

0.6238039,0.114257,9.676874,1.194916,9.751040,82.961143,89.323524

0.6263201,0.087936,9.681660,1.235594,9.760582,82.727402,89.479607

0.6288365,0.083151,9.686445,1.235594,9.765287,82.730927,89.508171

0.6313527,0.102293,9.688838,1.226022,9.766636,82.788536,89.395103

0.6338364,0.109472,9.684052,1.192523,9.757815,82.980217,89.352341

0.6363519,0.111864,9.707980,1.168595,9.778702,83.136520,89.339813

0.6388673,0.087936,9.722338,1.197309,9.796180,82.979645,89.481789

0.6413828,0.087936,9.703195,1.221237,9.780140,82.826805,89.480766

0.6438982,0.111864,9.724730,1.192523,9.798214,83.009300,89.340950

0.6464136,0.092722,9.717552,1.163809,9.787435,83.170891,89.453316

0.6489291,0.099900,9.717552,1.192523,9.790961,83.004097,89.410995

0.6514446,0.102293,9.734302,1.178166,9.805875,83.099297,89.397926

0.6539661,0.051745,9.760623,1.197309,9.833920,83.006721,89.696259

0.6564817,0.039781,9.736694,1.211666,9.811877,82.906456,89.765907

0.6589974,0.056530,9.748658,1.214058,9.824127,82.901283,89.667755

0.6615130,0.073579,9.787243,1.202094,9.861063,82.998047,89.569267

0.6640286,0.039781,9.739087,1.226022,9.816034,82.825020,89.765968

0.6665442,0.058923,9.717552,1.254736,9.798401,82.642776,89.652588

0.6690598,0.039781,9.755837,1.204487,9.829991,82.961754,89.766373

0.6715754,0.034995,9.760623,1.235594,9.838581,82.785370,89.794579

0.6740981,0.071186,9.765409,1.237987,9.843824,82.775192,89.582344

0.6766139,0.025424,9.746265,1.223630,9.822811,82.844063,89.850540

0.6791297,0.001496,9.755837,1.214058,9.831088,82.906334,89.991219

0.6816455,0.049352,9.758230,1.182952,9.829795,83.088074,89.710228

0.6841612,0.025424,9.722338,1.202094,9.796404,82.951599,89.850174

0.6866770,-0.003290,9.731909,1.237987,9.810335,82.750397,90.019371

0.6891929,-0.000897,9.736694,1.264308,9.818436,82.601555,90.005280

0.6917086,-0.003290,9.717552,1.216451,9.793395,82.864784,90.019402

0.6942170,-0.000897,9.760623,1.247558,9.840029,82.716209,90.005264

0.6967326,-0.017647,9.727123,1.245165,9.806512,82.705276,90.103943

0.6992482,-0.020040,9.743873,1.216451,9.819532,82.883873,90.117836

0.7017637,-0.012861,9.731909,1.226022,9.808841,82.819733,90.075722

0.7042794,0.023031,9.751051,1.257129,9.831780,82.653831,89.864677

0.7067950,-0.017647,9.760623,1.257129,9.841263,82.660950,90.103592

0.7093106,-0.051147,9.743873,1.228415,9.821134,82.814697,90.300751

0.7118261,-0.010469,9.700802,1.233201,9.778877,82.755219,90.061829

0.7143378,0.008674,9.751051,1.230808,9.828425,82.805992,89.949036

0.7168533,0.003888,9.772886,1.199701,9.846249,83.001495,89.977203

0.7193688,-0.012861,9.768100,1.216451,9.843561,82.901337,90.075439

0.7218843,-0.010469,9.727123,1.211666,9.802304,82.899490,90.061661

0.7243999,-0.005683,9.722338,1.199701,9.796079,82.965469,90.033493

0.7269153,0.001496,9.724730,1.151845,9.792707,83.245079,89.991188

0.7294307,-0.003290,9.748658,1.216451,9.824261,82.887314,90.019341

0.7319463,-0.017647,9.746265,1.202094,9.820134,82.968719,90.103745

0.7344941,0.023031,9.753445,1.163809,9.822661,83.195496,89.864708

0.7370104,-0.020040,9.760623,1.214058,9.835858,82.909790,90.117638

0.7395267,-0.010469,9.746265,1.187737,9.818377,83.051865,90.061539

0.7420430,-0.003290,9.765409,1.202094,9.839118,82.982353,90.019302

0.7445593,-0.034397,9.736694,1.175773,9.807489,83.114517,90.202408

0.7470756,-0.032004,9.724730,1.182952,9.796468,83.064445,90.188560

0.7495919,-0.027218,9.765409,1.185344,9.837123,83.079208,90.159698

0.7521082,-0.010469,9.765409,1.206880,9.839709,82.954704,90.061424

0.7546243,-0.015254,9.753445,1.194916,9.826380,83.015381,90.089607

0.7571406,0.006281,9.746265,1.199701,9.819828,82.982567,89.963074

0.7596568,-0.017647,9.746265,1.230808,9.823690,82.802505,90.103745

0.7621732,-0.003290,9.741480,1.209273,9.816251,82.923706,90.019348

0.7646895,-0.000897,9.719945,1.199701,9.793703,82.963753,90.005287

0.7672058,0.003888,9.722338,1.223630,9.799037,82.826607,89.977089

0.7697221,-0.017647,9.729516,1.223630,9.806175,82.831856,90.103920

0.7722384,-0.005683,9.724730,1.226022,9.801711,82.814484,90.033485

0.7747456,-0.034397,9.748658,1.245165,9.827917,82.721245,90.202156

0.7772617,-0.015254,9.765409,1.194916,9.838255,83.023857,90.089500

0.7797778,-0.000897,9.775279,1.209273,9.849793,82.947929,90.005257

0.7822938,0.013460,9.763016,1.228415,9.840003,82.828545,89.921013

0.7848099,-0.000897,9.739087,1.199701,9.812701,82.977448,90.005280

0.7873259,0.001496,9.758230,1.216451,9.833758,82.894218,89.991219

0.7898421,0.037388,9.770494,1.230808,9.847782,82.820213,89.780754

0.7923580,0.023031,9.736694,1.226022,9.813606,82.823235,89.864471

0.7948774,0.042173,9.696016,1.211666,9.771523,82.877007,89.750786

0.7973935,0.058923,9.712767,1.197309,9.786463,82.972633,89.652412

0.7999097,0.054138,9.727123,1.180559,9.798652,83.080093,89.681114

0.8024259,0.020638,9.746265,1.156631,9.814678,83.232132,89.878677

0.8049420,0.044566,9.780065,1.182952,9.851448,83.103340,89.738914

0.8074582,0.071186,9.731909,1.221237,9.808493,82.847649,89.580902

0.8099743,0.061316,9.758230,1.214058,9.833654,82.908195,89.639984

0.8124905,0.037388,9.734302,1.182952,9.805988,83.071213,89.779938

0.8149680,0.025424,9.707980,1.197309,9.781569,82.969101,89.849953

0.8174832,0.042173,9.741480,1.180559,9.812845,83.090149,89.751953

0.8199984,0.049352,9.731909,1.209273,9.806876,82.916908,89.709450

0.8225136,0.023031,9.717552,1.199701,9.791355,82.962059,89.864204

0.8250288,0.013460,9.775279,1.211666,9.850097,82.934120,89.921112

0.8275440,0.008674,9.751051,1.147059,9.818290,83.290878,89.949036

0.8300592,0.013460,9.765409,1.161416,9.834240,83.217583,89.921028

0.8325744,0.013460,9.758230,1.173380,9.828533,83.143387,89.920975

0.8351235,-0.020040,9.763016,1.159024,9.831593,83.229790,90.117607

0.8376395,-0.015254,9.768100,1.161416,9.836914,83.219437,90.089478

0.8401555,-0.032004,9.765409,1.166202,9.834848,83.189926,90.187775

0.8426716,0.001496,9.751051,1.142274,9.817728,83.318611,89.991211

0.8451876,0.042173,9.736694,1.159024,9.805526,83.211708,89.751831

0.8477036,-0.008076,9.775279,1.166202,9.844602,83.196709,90.047333

0.8502197,0.051745,9.748658,1.166202,9.818301,83.178398,89.695885

0.8527357,0.037388,9.763016,1.151845,9.830799,83.271370,89.780586

0.8552458,-0.000897,9.782457,1.187737,9.854299,83.077316,90.005257

0.8577617,0.020638,9.736694,1.175773,9.807450,83.114494,89.878555

0.8602776,0.039781,9.727123,1.175773,9.798008,83.107826,89.765678

0.8627934,0.001496,9.748658,1.192523,9.821326,83.025833,89.991211

0.8653094,0.020638,9.739087,1.166202,9.808683,83.171677,89.878586

0.8678253,0.083151,9.755837,1.173380,9.826500,83.141960,89.511673

0.8703411,0.056530,9.739087,1.180559,9.810542,83.088516,89.667435

0.8728570,0.061316,9.748658,1.209273,9.823565,82.929001,89.639633

0.8753628,0.056530,9.727123,1.194916,9.800406,82.996780,89.667023

0.8778784,0.061316,9.736694,1.197309,9.810225,82.989746,89.639191

0.8803940,0.068794,9.731909,1.209273,9.806993,82.916992,89.594994

0.8829096,0.051745,9.753445,1.163809,9.822770,83.195572,89.696030

0.8854253,0.087936,9.741480,1.173380,9.812287,83.131973,89.482803

0.8879409,0.046959,9.698409,1.209273,9.773622,82.892685,89.722580

0.8904566,0.051745,9.722338,1.190130,9.795047,83.021133,89.695061

0.8929721,0.078365,9.741480,1.175773,9.812493,83.118050,89.539093

0.8954921,0.025424,9.672089,1.202094,9.746537,82.915352,89.849396

0.8980078,0.013460,9.684052,1.163809,9.753743,83.147186,89.920364

0.9005235,0.046959,9.736694,1.180559,9.808116,83.086800,89.723671

0.9030393,0.030209,9.712767,1.204487,9.787213,82.930832,89.821793

0.9055551,0.046959,9.731909,1.187737,9.804233,83.041794,89.723534

0.9080707,-0.008076,9.707980,1.163809,9.777494,83.163910,90.047661

0.9105865,0.006281,9.712767,1.202094,9.786874,82.944702,89.962944

0.9131023,-0.005683,9.717552,1.192523,9.790453,83.003731,90.033508

0.9156188,0.001496,9.748658,1.202094,9.822493,82.970413,89.991211

0.9181346,-0.036790,9.724730,1.202094,9.798815,82.953346,90.216751

0.9206504,-0.022433,9.731909,1.194916,9.805018,83.000092,90.132072

0.9231660,-0.022433,9.707980,1.168595,9.778088,83.136086,90.132393

0.9256819,-0.046361,9.724730,1.185344,9.796815,83.050598,90.273148

0.9281976,-0.036790,9.789636,1.209273,9.864110,82.958214,90.215317

0.9307134,-0.012861,9.753445,1.180559,9.824641,83.098488,90.075554

0.9332291,0.030209,9.782457,1.199701,9.855794,83.008301,89.823067

0.9357346,-0.008076,9.789636,1.202094,9.863167,82.999550,90.047264

0.9382500,-0.041575,9.782457,1.173380,9.852666,83.160255,90.243507

0.9407656,0.020638,9.765409,1.182952,9.836819,83.093033,89.878914

0.9432811,0.063709,9.758230,1.182952,9.829878,83.088135,89.625938

0.9457966,-0.003290,9.811171,1.182952,9.882229,83.124924,90.019211

0.9483120,0.032602,9.803992,1.197309,9.876885,83.037292,89.809471

0.9508275,0.025424,9.796814,1.202094,9.870321,83.004654,89.851311

0.9533431,0.042173,9.753445,1.178166,9.824436,83.112396,89.752258

0.9558907,0.075972,9.765409,1.199701,9.839119,82.996399,89.554260

0.9584070,0.080758,9.765409,1.211666,9.840623,82.927284,89.526184

0.9609233,0.114257,9.743873,1.178166,9.815507,83.106102,89.328178

0.9634396,0.147757,9.796814,1.168595,9.867372,83.198486,89.135925

0.9659559,0.073579,9.753445,1.190130,9.826063,83.043274,89.567772

0.9684722,0.095115,9.741480,1.209273,9.816711,82.924042,89.440590

0.9709885,0.085543,9.736694,1.137488,9.803286,83.336884,89.496628

0.9735048,0.087936,9.739087,1.159024,9.808206,83.213570,89.482681

0.9759777,0.090329,9.751051,1.182952,9.822959,83.083237,89.469254

0.9784929,0.095115,9.741480,1.147059,9.809241,83.284660,89.440590

0.9810081,0.063709,9.719945,1.154238,9.788445,83.228020,89.624466

0.9835232,0.107079,9.734302,1.166202,9.804495,83.168747,89.369766

0.9860385,0.056530,9.707980,1.173380,9.778798,83.108345,89.666367

0.9885537,0.061316,9.719945,1.161416,9.789279,83.186287,89.638565

0.9910689,0.066102,9.710373,1.161416,9.779806,83.179657,89.609978

0.9935842,0.037388,9.736694,1.178166,9.807787,83.100647,89.779991

0.9960891,0.049352,9.688838,1.230808,9.766827,82.760376,89.708153

0.9986041,0.042173,9.703195,1.192523,9.776292,82.993546,89.750977

1.0011190,0.006281,9.722338,1.206880,9.796961,82.923805,89.962982

1.0036340,0.068794,9.734302,1.235594,9.812648,82.766197,89.595093

1.0061489,0.042173,9.736694,1.187737,9.808961,83.045158,89.751831

1.0086639,0.023031,9.741480,1.214058,9.816868,82.896004,89.864540

1.0111790,0.025424,9.746265,1.199701,9.819859,82.982590,89.850540

1.0136938,-0.000897,9.782457,1.197309,9.855456,83.022079,90.005257

1.0162389,0.003888,9.770494,1.202094,9.844165,82.985970,89.977196

1.0187601,0.003888,9.753445,1.202094,9.827244,82.973831,89.977158

1.0212759,-0.015254,9.760623,1.211666,9.835554,82.923622,90.089546

1.0237917,0.006281,9.768100,1.190130,9.840337,83.053413,89.963158

1.0263076,0.025424,9.784850,1.211666,9.859618,82.940979,89.851128

1.0288234,0.044566,9.789636,1.228415,9.866507,82.847908,89.739166

1.0313393,0.013460,9.760623,1.221237,9.836735,82.868294,89.920990

1.0338551,0.051745,9.815957,1.211666,9.890593,82.963196,89.697968

1.0363525,0.032602,9.780065,1.230808,9.857262,82.827148,89.809006

1.0388680,0.051745,9.746265,1.202094,9.820254,82.968803,89.695808

1.0413834,0.030209,9.746265,1.206880,9.820752,82.941032,89.822411

1.0438987,0.006281,9.739087,1.228415,9.816255,82.811104,89.963051

1.0464141,0.027817,9.734302,1.202094,9.808284,82.960182,89.836273

1.0489295,0.037388,9.741480,1.202094,9.815440,82.965340,89.780098

1.0514449,0.032602,9.741480,1.178166,9.812521,83.103996,89.808243

1.0539602,0.020638,9.729516,1.202094,9.803516,82.956741,89.878464

1.0564835,0.020638,9.736694,1.216451,9.812410,82.878685,89.878555

1.0589991,0.006281,9.753445,1.197309,9.826661,83.001526,89.963104

1.0615146,0.025424,9.731909,1.214058,9.807377,82.889099,89.850319

1.0640303,0.027817,9.736694,1.218844,9.812725,82.864830,89.836311

1.0665458,-0.020040,9.722338,1.249951,9.802379,82.673981,90.118095

1.0690614,-0.008076,9.734302,1.209273,9.809131,82.918541,90.047531

1.0715770,-0.022433,9.746265,1.197309,9.819559,82.996437,90.131874

1.0740925,-0.003290,9.722338,1.190130,9.794910,83.021034,90.019386

1.0766091,-0.022433,9.746265,1.180559,9.817532,83.093468,90.131874

1.0791247,-0.024826,9.736694,1.190130,9.809192,83.031242,90.146088

1.0816402,-0.017647,9.743873,1.202094,9.817760,82.967010,90.103767

1.0841559,-0.024826,9.770494,1.168595,9.840161,83.179588,90.145584

1.0866716,0.003888,9.753445,1.159024,9.822069,83.223198,89.977158

1.0891870,0.003888,9.753445,1.178166,9.824347,83.112335,89.977158

1.0917027,0.003888,9.739087,1.211666,9.814172,82.908119,89.977127

1.0942184,-0.008076,9.751051,1.185344,9.822836,83.069092,90.047455

1.0967306,-0.008076,9.748658,1.218844,9.824560,82.873474,90.047462

1.0992461,-0.000897,9.751051,1.182952,9.822544,83.082947,90.005272

1.1017618,-0.003290,9.746265,1.178166,9.817219,83.107307,90.019341

1.1042773,0.013460,9.727123,1.202094,9.801129,82.955017,89.920715

1.1067928,0.006281,9.731909,1.178166,9.802967,83.097244,89.963020

1.1093082,0.027817,9.746265,1.199701,9.819865,82.982597,89.836472

1.1118238,0.018245,9.731909,1.151845,9.799853,83.250023,89.892586

1.1143394,0.032602,9.760623,1.151845,9.828406,83.269722,89.808624

1.1168574,0.030209,9.794421,1.209273,9.868837,82.961601,89.823280

1.1193731,0.049352,9.715159,1.211666,9.790551,82.890923,89.708946

1.1218886,0.039781,9.719945,1.197309,9.793490,82.977707,89.765511

1.1244042,0.023031,9.748658,1.125524,9.813444,83.414139,89.864639

1.1269197,0.030209,9.748658,1.182952,9.820215,83.081299,89.822449

1.1294353,0.083151,9.679267,1.168595,9.749909,83.116150,89.507805

1.1319510,0.037388,9.719945,1.170988,9.790298,83.130585,89.779610

1.1344665,0.046959,9.719945,1.151845,9.788069,83.241859,89.723190

1.1369857,0.034995,9.729516,1.168595,9.799506,83.151161,89.793922

1.1395015,0.063709,9.722338,1.175773,9.793384,83.104553,89.624557

1.1420170,0.044566,9.722338,1.123131,9.787096,83.410431,89.737366

1.1445327,0.046959,9.729516,1.156631,9.798137,83.220657,89.723465

1.1470485,0.063709,9.763016,1.161416,9.832061,83.216072,89.626122

1.1495641,0.061316,9.734302,1.159024,9.803251,83.210129,89.639099

1.1520797,0.039781,9.755837,1.159024,9.824524,83.224899,89.766373

1.1545954,0.034995,9.784850,1.132702,9.850256,83.396828,89.795082

1.1571150,0.034995,9.748658,1.159024,9.817378,83.219940,89.794327

1.1596308,0.039781,9.780065,1.170988,9.849998,83.172417,89.766953

1.1621466,0.051745,9.760623,1.170988,9.830750,83.158981,89.696259

1.1646624,0.049352,9.751051,1.197309,9.824407,82.999916,89.710014

1.1671782,0.049352,9.792028,1.180559,9.863061,83.125504,89.711227

1.1696939,0.092722,9.770494,1.156631,9.839153,83.249046,89.456284

1.1722097,0.030209,9.801600,1.163809,9.870498,83.228630,89.823410

1.1747254,0.006281,9.782457,1.180559,9.853437,83.118752,89.963211

1.1772298,0.046959,9.811171,1.170988,9.880916,83.193878,89.725769

1.1797452,0.037388,9.777672,1.204487,9.851652,82.977310,89.780914

1.1822608,0.006281,9.763016,1.228415,9.839995,82.828537,89.963135

1.1847762,0.046959,9.799207,1.247558,9.878414,82.744667,89.725433

1.1872917,0.008674,9.758230,1.223630,9.834653,82.852722,89.949074

1.1898072,0.003888,9.741480,1.197309,9.814784,82.993019,89.977127

1.1923226,0.023031,9.770494,1.168595,9.840157,83.179588,89.864944

1.1948382,0.015852,9.758230,1.221237,9.834365,82.866562,89.906921

1.1973436,-0.008076,9.794421,1.226022,9.870860,82.865082,90.047241

1.1998589,-0.022433,9.755837,1.252344,9.835916,82.685043,90.131744

1.2023741,-0.046361,9.724730,1.247558,9.804537,82.689697,90.273148

1.2048893,-0.070289,9.748658,1.252344,9.829021,82.679886,90.413101

1.2074045,-0.103789,9.755837,1.235594,9.834319,82.782227,90.609528

1.2099198,-0.087039,9.792028,1.245165,9.871263,82.753380,90.509277

1.2124350,-0.132503,9.768100,1.240379,9.847429,82.763817,90.777161

1.2149502,-0.120538,9.758230,1.209273,9.833612,82.936264,90.707710

1.2174838,-0.103789,9.789636,1.204487,9.864002,82.986145,90.607422

1.2199994,-0.115753,9.792028,1.194916,9.865346,83.043106,90.677269

1.2225151,-0.115753,9.780065,1.269093,9.862741,82.606941,90.678101

1.2250308,-0.156431,9.765409,1.211666,9.841535,82.927940,90.917732

1.2275465,-0.170788,9.777672,1.216451,9.854531,82.909279,91.000687

1.2300621,-0.130110,9.784850,1.242772,9.864315,82.762260,90.761818

1.2325779,-0.130110,9.777672,1.252344,9.858406,82.701820,90.762383

1.2350936,-0.149252,9.768100,1.273879,9.851945,82.570724,90.875389

1.2376102,-0.163609,9.777672,1.247558,9.858298,82.729782,90.958641

1.2401259,-0.146859,9.794421,1.257129,9.875861,82.686798,90.859039

1.2426417,-0.144467,9.806385,1.240379,9.885575,82.791885,90.844017

1.2451574,-0.120538,9.787243,1.218844,9.863581,82.901810,90.705612

1.2476730,-0.089432,9.768100,1.221237,9.844551,82.873985,90.524559

1.2501887,-0.079860,9.763016,1.235594,9.841217,82.787308,90.468666

1.2527045,-0.070289,9.787243,1.240379,9.865780,82.777351,90.411476

1.2552202,-0.077468,9.765409,1.202094,9.839423,82.982574,90.454514

1.2577431,-0.041575,9.787243,1.206880,9.861461,82.970322,90.243385

1.2602589,-0.039182,9.799207,1.249951,9.878682,82.730873,90.229095

1.2627747,-0.036790,9.780065,1.211666,9.854905,82.937584,90.215530

1.2652907,0.003888,9.775279,1.185344,9.846885,83.086105,89.977211

1.2678066,-0.027218,9.796814,1.192523,9.869164,83.059807,90.159187

1.2703226,0.008674,9.780065,1.226022,9.856616,82.854713,89.949181

1.2728384,-0.015254,9.743873,1.192523,9.816587,83.022453,90.089699

1.2753544,-0.020040,9.734302,1.180559,9.805649,83.085052,90.117950

1.2779018,-0.020040,9.743873,1.214058,9.819236,82.897728,90.117836

1.2804184,0.011067,9.722338,1.228415,9.799642,82.798851,89.934784

1.2829351,0.037388,9.717552,1.168595,9.787637,83.142815,89.779556

1.2854519,0.037388,9.736694,1.154238,9.804941,83.239464,89.779991

1.2879685,0.020638,9.707980,1.170988,9.778370,83.122162,89.878197

1.2904853,0.008674,9.698409,1.214058,9.774106,82.864761,89.948753

1.2930019,0.054138,9.698409,1.182952,9.770437,83.045876,89.680168

1.2955185,0.046959,9.717552,1.173380,9.788251,83.115028,89.723129

1.2979960,0.046959,9.698409,1.156631,9.767248,83.199112,89.722580

1.3005117,0.020638,9.681660,1.170988,9.752239,83.103645,89.877861

1.3030274,0.013460,9.681660,1.197309,9.755423,82.950165,89.920349

1.3055432,0.037388,9.727123,1.187737,9.799441,83.038368,89.779778

1.3080589,0.061316,9.700802,1.151845,9.769138,83.228706,89.637856

1.3105745,0.015852,9.710373,1.182952,9.782176,83.054260,89.906464

1.3130903,0.058923,9.703195,1.185344,9.775505,83.035370,89.652069

1.3156060,0.075972,9.719945,1.166202,9.789950,83.158546,89.552177

1.3181336,0.056530,9.727123,1.180559,9.798666,83.080101,89.667023

1.3206495,0.058923,9.763016,1.178166,9.834023,83.119148,89.654205

1.3231657,0.039781,9.763016,1.185344,9.834790,83.077560,89.766541

1.3256816,0.046959,9.748658,1.199701,9.822312,82.984352,89.724007

1.3281976,0.066102,9.765409,1.175773,9.836159,83.134689,89.612175

1.3307135,0.032602,9.736694,1.190130,9.809215,83.031265,89.808151

1.3332297,0.027817,9.755837,1.204487,9.829950,82.961723,89.836632

1.3357456,0.034995,9.760623,1.214058,9.835900,82.909821,89.794579

1.3382459,0.034995,9.727123,1.228415,9.804446,82.802399,89.793869

1.3407615,0.058923,9.763016,1.216451,9.838684,82.897797,89.654205

1.3432771,0.058923,9.768100,1.190130,9.840511,83.053535,89.654381

1.3457928,0.046959,9.775279,1.237987,9.853472,82.782303,89.724762

1.3483083,0.049352,9.746265,1.233201,9.824099,82.788742,89.709877

1.3508239,0.058923,9.729516,1.206880,9.804260,82.929100,89.653015

1.3533396,0.037388,9.765409,1.197309,9.838605,83.010063,89.780640

1.3558997,0.027817,9.755837,1.247558,9.835320,82.712708,89.836632

1.3584154,0.049352,9.743873,1.264308,9.825679,82.607033,89.709801

1.3609234,0.058923,9.739087,1.211666,9.814347,82.908249,89.653351

1.3634390,0.071186,9.719945,1.223630,9.796922,82.825050,89.580391

1.3659513,0.095115,9.722338,1.216451,9.798604,82.868599,89.439484

1.3684669,0.056530,9.719945,1.221237,9.796527,82.838867,89.666779

1.3709739,0.030209,9.679267,1.228415,9.756953,82.767181,89.821175

1.3734895,0.054138,9.729516,1.245165,9.809019,82.707153,89.681198

1.3760051,0.051745,9.703195,1.214058,9.778988,82.868347,89.694458

1.3785206,0.056530,9.707980,1.168595,9.778226,83.136185,89.666367

1.3810364,0.037388,9.696016,1.221237,9.772694,82.821312,89.779068

1.3835521,0.030209,9.657731,1.223630,9.734986,82.779160,89.820778

1.3860676,0.068794,9.684052,1.218844,9.760695,82.826599,89.592987

1.3885833,0.030209,9.739087,1.204487,9.813334,82.949745,89.822273

1.3910989,0.001496,9.717552,1.230808,9.795188,82.781456,89.991180

1.3936145,0.039781,9.724730,1.216451,9.800597,82.870056,89.765625

1.3961301,0.003888,9.758230,1.204487,9.832287,82.963402,89.977173

1.3986458,0.034995,9.787243,1.190130,9.859400,83.066910,89.795135

1.4011068,0.023031,9.758230,1.194916,9.831145,83.018784,89.864777

1.4036211,0.018245,9.775279,1.223630,9.851583,82.865074,89.893059

1.4061354,-0.000897,9.736694,1.223630,9.813281,82.837074,90.005280

1.4086497,0.034995,9.760623,1.216451,9.836195,82.895988,89.794579

1.4111638,0.015852,9.794421,1.218844,9.869981,82.906433,89.907265

1.4136782,0.025424,9.760623,1.228415,9.837653,82.826820,89.850761

1.4161924,0.013460,9.765409,1.235594,9.843276,82.788826,89.921028

1.4187068,-0.008076,9.784850,1.240379,9.863159,82.775421,90.047287

1.4212518,0.006281,9.775279,1.223630,9.851568,82.865059,89.963181

1.4237752,0.013460,9.796814,1.233201,9.874134,82.825478,89.921280

1.4262904,0.049352,9.806385,1.290928,9.891113,82.500710,89.711655

1.4288057,0.056530,9.787243,1.261915,9.868422,82.653244,89.669067

1.4313209,0.037388,9.823135,1.283749,9.906734,82.554474,89.781929

1.4338361,0.020638,9.792028,1.271486,9.874255,82.601608,89.879242

1.4363514,0.023031,9.772886,1.254736,9.853131,82.683868,89.864975

1.4388666,0.058923,9.768100,1.281057,9.851921,82.528603,89.654381

1.4413861,0.061316,9.758230,1.266701,9.840292,82.604027,89.639984

1.4439014,0.056530,9.775279,1.242772,9.854124,82.754738,89.668663

1.4464167,0.075972,9.751051,1.269093,9.833584,82.584892,89.553604

1.4489321,0.039781,9.746265,1.235594,9.824356,82.774864,89.766144

1.4514475,0.027817,9.755837,1.242772,9.834715,82.740364,89.836632

1.4539627,0.044566,9.741480,1.204487,9.815763,82.951500,89.737877

1.4564781,0.066102,9.741480,1.245165,9.820959,82.716064,89.611221

1.4589936,0.092722,9.763016,1.237987,9.841630,82.773575,89.455864

1.4615105,0.056530,9.722338,1.218844,9.798603,82.854492,89.666855

1.4640260,0.095115,9.729516,1.237987,9.808422,82.748978,89.439903

1.4665413,0.066102,9.753445,1.218844,9.829529,82.877090,89.611694

1.4690567,0.039781,9.724730,1.218844,9.800895,82.856171,89.765625

1.4715720,0.092722,9.710373,1.233201,9.788806,82.762604,89.452911

1.4740875,0.083151,9.722338,1.247558,9.802406,82.688103,89.509987

1.4766028,0.087936,9.724730,1.242772,9.804214,82.717651,89.481918

1.4791183,0.126221,9.710373,1.216451,9.787085,82.860161,89.255280

1.4816352,0.116650,9.719945,1.240379,9.799463,82.728210,89.312424

1.4841506,0.099900,9.739087,1.226022,9.816462,82.825333,89.412300

1.4866661,0.138186,9.727123,1.237987,9.806561,82.747589,89.186096

1.4891815,0.133400,9.736694,1.204487,9.811819,82.948654,89.215057

1.4916970,0.095115,9.727123,1.206880,9.802170,82.927582,89.439766

1.4942123,0.121436,9.729516,1.197309,9.803661,82.985023,89.284920

1.4967278,0.085543,9.743873,1.242772,9.823179,82.731789,89.497002

1.4992433,0.107079,9.719945,1.228415,9.797847,82.797523,89.368835

1.5017642,0.109472,9.734302,1.216451,9.810625,82.877380,89.355682

1.5042797,0.066102,9.782457,1.173380,9.852800,83.160355,89.612846

1.5067954,0.102293,9.707980,1.228415,9.785926,82.788704,89.396294

1.5093110,0.063709,9.753445,1.237987,9.831904,82.766388,89.625755

1.5118265,0.078365,9.753445,1.223630,9.830214,82.849480,89.539665

1.5143421,0.099900,9.731909,1.221237,9.808743,82.847832,89.411865

1.5168577,0.068794,9.717552,1.199701,9.791570,82.962212,89.594391

1.5193733,0.073579,9.712767,1.230808,9.790717,82.778137,89.565964

1.5218906,0.066102,9.724730,1.249951,9.804955,82.675919,89.610550

1.5244062,0.073579,9.705587,1.257129,9.786942,82.619987,89.565643

1.5269220,0.049352,9.724730,1.204487,9.799164,82.939499,89.709236

1.5294375,0.102293,9.693624,1.209273,9.769297,82.889519,89.395401

1.5319531,0.068794,9.717552,1.206880,9.792452,82.920525,89.594391

1.5344688,0.080758,9.753445,1.226022,9.830531,82.835655,89.525604

1.5369843,0.092722,9.710373,1.245165,9.790320,82.693146,89.452911

1.5395000,0.085543,9.715159,1.230808,9.793188,82.779968,89.495514

1.5419933,0.075972,9.715159,1.247558,9.795229,82.682716,89.551956

1.5445083,0.097508,9.719945,1.269093,9.802930,82.561577,89.425247

1.5470234,0.090329,9.717552,1.242772,9.797115,82.712349,89.467422

1.5495385,0.056530,9.712767,1.228415,9.790303,82.791946,89.666527

1.5520536,0.066102,9.703195,1.235594,9.781772,82.743240,89.609688

1.5545686,0.073579,9.729516,1.209273,9.804654,82.915291,89.566711

1.5570837,0.003888,9.746265,1.204487,9.820413,82.954857,89.977142

1.5595988,0.013460,9.736694,1.202094,9.810628,82.961876,89.920799

1.5621406,0.032602,9.743873,1.214058,9.819269,82.897751,89.808296

1.5646565,0.003888,9.717552,1.221237,9.793991,82.837006,89.977074

1.5671722,-0.012861,9.741480,1.192523,9.814210,83.020752,90.075645

1.5696878,-0.065504,9.722338,1.194916,9.795712,82.993408,90.386017

1.5722036,-0.075075,9.765409,1.237987,9.843853,82.775215,90.440468

1.5747193,-0.077468,9.770494,1.228415,9.847718,82.834198,90.454277

1.5772350,-0.082253,9.772886,1.235594,9.851028,82.794533,90.482216

1.5797508,-0.082253,9.746265,1.259522,9.827658,82.636665,90.483536

1.5822600,-0.075075,9.741480,1.242772,9.820721,82.729958,90.441551

1.5847757,-0.096610,9.746265,1.281057,9.830571,82.512283,90.567924

1.5872912,-0.067896,9.770494,1.283749,9.854702,82.514938,90.398148

1.5898068,-0.089432,9.743873,1.269093,9.826578,82.579575,90.525864

1.5923223,-0.113360,9.736694,1.259522,9.818476,82.629745,90.667038

1.5948380,-0.091825,9.751051,1.254736,9.831876,82.667961,90.539536

1.5973536,-0.070289,9.736694,1.240379,9.815636,82.740250,90.413612

1.5998690,-0.091825,9.743873,1.235594,9.822330,82.773369,90.539932

1.6023822,-0.075075,9.751051,1.226022,9.828111,82.833885,90.441116

1.6048977,-0.053539,9.748658,1.214058,9.824110,82.901268,90.314667

1.6074132,-0.046361,9.784850,1.216451,9.860284,82.913437,90.271469

1.6099286,-0.024826,9.782457,1.221237,9.858423,82.884064,90.145401

1.6124443,-0.046361,9.758230,1.221237,9.834461,82.866631,90.272209

1.6149597,-0.060718,9.748658,1.216451,9.824448,82.887451,90.356850

1.6174753,-0.053539,9.748658,1.233201,9.826494,82.790512,90.314667

1.6199907,-0.024826,9.729516,1.230808,9.807089,82.790260,90.146194

1.6225094,-0.010469,9.722338,1.216451,9.798148,82.868263,90.061691

1.6250252,-0.010469,9.731909,1.166202,9.801539,83.166672,90.061630

1.6275407,-0.043968,9.777672,1.194916,9.850513,83.032578,90.257645

1.6300561,-0.017647,9.751051,1.199701,9.824591,82.985985,90.103691

1.6325718,0.011067,9.772886,1.218844,9.848604,82.890961,89.935120

1.6350875,0.011067,9.775279,1.206880,9.849505,82.961746,89.935135

1.6376030,0.054138,9.736694,1.199701,9.810475,82.975845,89.681427

1.6401186,-0.027218,9.760623,1.214058,9.835876,82.909805,90.159775

1.6426322,0.001496,9.734302,1.199701,9.807952,82.974030,89.991196

1.6451478,0.020638,9.727123,1.223630,9.803806,82.830116,89.878433

1.6476635,0.018245,9.794421,1.194916,9.867059,83.044319,89.893265

1.6501789,0.068794,9.739087,1.230808,9.816793,82.797424,89.595291

1.6526945,0.066102,9.729516,1.202094,9.803718,82.956886,89.610741

1.6552100,0.054138,9.748658,1.178166,9.819742,83.109093,89.681824

1.6577256,0.066102,9.741480,1.185344,9.813554,83.062508,89.611221

1.6602411,0.085543,9.715159,1.168595,9.785563,83.141350,89.495514

1.6627614,0.068794,9.729516,1.233201,9.807599,82.776550,89.594887

1.6652771,0.046959,9.741480,1.233201,9.819339,82.785225,89.723808

1.6677927,0.042173,9.696016,1.242772,9.775428,82.696091,89.750786

1.6703085,0.078365,9.765409,1.226022,9.842381,82.844330,89.540222

1.6728240,0.061316,9.698409,1.237987,9.777295,82.725769,89.637764

1.6753397,0.056530,9.707980,1.175773,9.779086,83.094421,89.666367

1.6778555,0.037388,9.710373,1.214058,9.786045,82.873512,89.779396

1.6803712,0.066102,9.715159,1.218844,9.791541,82.849312,89.610168

1.6828861,0.056530,9.705587,1.194916,9.779031,82.981392,89.666283

1.6854018,0.034995,9.703195,1.235594,9.781610,82.743126,89.793358

1.6879174,0.039781,9.722338,1.230808,9.800016,82.785027,89.765564

1.6904331,0.039781,9.743873,1.223630,9.820484,82.842361,89.766083

1.6929488,0.046959,9.743873,1.190130,9.816398,83.036385,89.723877

1.6954644,0.066102,9.719945,1.233201,9.798086,82.769493,89.610359

1.6979802,0.056530,9.715159,1.218844,9.791481,82.849266,89.666611

1.7004957,0.011067,9.693624,1.206880,9.768471,82.903061,89.934586

1.7029873,0.039781,9.724730,1.142274,9.791667,83.300751,89.765625

1.7055023,0.037388,9.719945,1.194916,9.793189,82.991592,89.779610

1.7080173,0.085543,9.751051,1.230808,9.828794,82.806267,89.497375

1.7105324,0.042173,9.751051,1.218844,9.827022,82.875267,89.752197

1.7130475,0.020638,9.739087,1.242772,9.818082,82.727997,89.878586

1.7155625,0.039781,9.719945,1.226022,9.797043,82.811035,89.765511

1.7180775,0.032602,9.719945,1.211666,9.795230,82.894341,89.807823

1.7205926,0.039781,9.734302,1.233201,9.812186,82.779945,89.765854

1.7231342,0.037388,9.755837,1.192523,9.828524,83.030968,89.780426

1.7256500,0.066102,9.746265,1.180559,9.817728,83.093605,89.611412

1.7281657,0.056530,9.751051,1.226022,9.827987,82.833794,89.667839

1.7306814,0.073579,9.758230,1.187737,9.830523,83.060493,89.567986

1.7331971,0.063709,9.736694,1.230808,9.814385,82.795647,89.625107

1.7357129,0.039781,9.722338,1.240379,9.801223,82.729523,89.765564

1.7382286,0.075972,9.739087,1.214058,9.814761,82.894470,89.553062

1.7407442,0.085543,9.765409,1.190130,9.838035,83.051781,89.498108

1.7432578,0.092722,9.772886,1.211666,9.848149,82.932716,89.456413

1.7457736,0.135793,9.734302,1.240379,9.813950,82.738998,89.200783

1.7482892,0.109472,9.739087,1.216451,9.815373,82.880844,89.355995

1.7508048,0.075972,9.715159,1.221237,9.791911,82.835472,89.551956

1.7533206,0.111864,9.753445,1.226022,9.830835,82.835876,89.342888

1.7558361,0.063709,9.751051,1.261915,9.832573,82.626305,89.625664

1.7583518,0.061316,9.736694,1.247558,9.816485,82.698647,89.639191

1.7608674,0.066102,9.729516,1.254736,9.810312,82.651756,89.610741

1.7633832,0.107079,9.696016,1.269093,9.779305,82.543503,89.367271

1.7658988,0.097508,9.703195,1.257129,9.784778,82.618347,89.424255

1.7684145,0.092722,9.734302,1.288535,9.819652,82.459900,89.454262

1.7709303,0.085543,9.727123,1.242772,9.806565,82.719406,89.496140

1.7734458,0.102293,9.777672,1.286142,9.862429,82.506813,89.400597

1.7759615,0.126221,9.724730,1.276272,9.808933,82.523865,89.256378

1.7784772,0.128614,9.724730,1.261915,9.807107,82.607056,89.242279

1.7809929,0.142971,9.739087,1.271486,9.822776,82.562614,89.158951

1.7834871,0.107079,9.712767,1.276272,9.796845,82.514587,89.368362

1.7860022,0.171685,9.696016,1.247558,9.777454,82.669342,88.985580

1.7885174,0.181256,9.710373,1.252344,9.792475,82.652412,88.930626

1.7910324,0.147757,9.707980,1.271486,9.792006,82.539108,89.128021

1.7935476,0.169292,9.700802,1.254736,9.783076,82.631187,89.000214

1.7960627,0.171685,9.698409,1.249951,9.780132,82.657227,88.985832

1.7985779,0.217149,9.705587,1.269093,9.790617,82.552170,88.718300

1.8010930,0.221934,9.731909,1.281057,9.818371,82.502922,88.693604

1.8036224,0.212363,9.710373,1.278665,9.796501,82.500206,88.747154

1.8061378,0.260219,9.662517,1.249951,9.746503,82.631744,88.457352

1.8086534,0.269791,9.643374,1.257129,9.728711,82.575569,88.397469

1.8111688,0.269791,9.672089,1.266701,9.758412,82.541618,88.402222

1.8136843,0.286541,9.703195,1.240379,9.786349,82.718414,88.308517

1.8161998,0.308076,9.693624,1.252344,9.779039,82.642265,88.179680

1.8187152,0.288933,9.717552,1.286142,9.806552,82.463875,88.296921

1.8212306,0.293719,9.676874,1.266701,9.763846,82.545792,88.261452

1.8237445,0.320040,9.643374,1.261915,9.730854,82.548790,88.099190

1.8262601,0.310469,9.662517,1.281057,9.752011,82.451614,88.159645

1.8287755,0.341875,9.703195,1.257129,9.790262,82.622505,87.982124

1.8312910,0.286541,9.688838,1.249951,9.773335,82.652092,88.306015

1.8338064,0.317647,9.662517,1.276272,9.751615,82.479668,88.117126

1.8363218,0.284148,9.672089,1.293321,9.762311,82.387016,88.317245

1.8388373,0.337089,9.722338,1.317249,9.816957,82.288734,88.014259

1.8413528,0.315254,9.719945,1.271486,9.807823,82.551208,88.142334

1.8438799,0.308076,9.705587,1.254736,9.791205,82.637337,88.181923

1.8463956,0.327219,9.662517,1.298106,9.754813,82.352768,88.060432

1.8489113,0.365803,9.688838,1.319642,9.785134,82.249367,87.837822

1.8514271,0.310469,9.660124,1.269093,9.748075,82.519478,88.159195

1.8539429,0.315254,9.660124,1.269093,9.748229,82.519600,88.130836

1.8564786,0.317647,9.712767,1.312463,9.806187,82.308434,88.126862

1.8589944,0.320040,9.712767,1.276272,9.801486,82.518150,88.112762

1.8615112,0.322433,9.705587,1.230808,9.788630,82.776588,88.097260

1.8640269,0.312862,9.746265,1.233201,9.828956,82.792328,88.161400

1.8665508,0.312862,9.734302,1.266701,9.821357,82.589691,88.159142

1.8690530,0.300897,9.736694,1.264308,9.823046,82.605042,88.229927

1.8715687,0.296112,9.717552,1.259522,9.803311,82.618279,88.254631

1.8740845,0.308076,9.722338,1.242772,9.806286,82.719200,88.185051

1.8766001,0.291326,9.691231,1.240379,9.774629,82.709633,88.278160

1.8791158,0.284148,9.717552,1.240379,9.800516,82.728996,88.325111

1.8816316,0.267398,9.746265,1.261915,9.831258,82.625313,88.428429

1.8841474,0.286541,9.758230,1.223630,9.838823,82.855766,88.318054

1.8866631,0.241077,9.710373,1.235594,9.791637,82.750595,88.577827

1.8891789,0.250648,9.734302,1.233201,9.815307,82.782249,88.525017

1.8916945,0.243470,9.751051,1.192523,9.826718,83.029678,88.569702

1.8941796,0.231506,9.715159,1.194916,9.791105,82.990097,88.634941

1.8966947,0.214756,9.751051,1.209273,9.828095,82.932274,88.738327

1.8992096,0.209970,9.746265,1.218844,9.824427,82.873375,88.765831

1.9017247,0.212363,9.753445,1.202094,9.829537,82.975479,88.752686

1.9042397,0.183649,9.741480,1.216451,9.818855,82.883385,88.919975

1.9067547,0.176471,9.724730,1.175773,9.797141,83.107216,88.960388

1.9092698,0.150150,9.782457,1.154238,9.851461,83.271538,89.120644

1.9117849,0.126221,9.784850,1.142274,9.852107,83.342033,89.260941

1.9142988,0.097508,9.782457,1.159024,9.851361,83.243439,89.428917

1.9168137,0.097508,9.768100,1.159024,9.837104,83.233604,89.428078

1.9193288,0.042173,9.792028,1.163809,9.861037,83.222099,89.753235

1.9218438,0.066102,9.813564,1.156631,9.881711,83.278259,89.614075

1.9243587,0.011067,9.799207,1.187737,9.870932,83.089035,89.935295

1.9268738,0.006281,9.787243,1.170988,9.857047,83.177322,89.963226

1.9293888,-0.012861,9.815957,1.173380,9.885849,83.183327,90.075073

1.9319038,-0.041575,9.775279,1.214058,9.850470,82.920364,90.243683

1.9344223,-0.051147,9.803992,1.228415,9.880783,82.858299,90.298904

1.9369373,-0.070289,9.811171,1.182952,9.882479,83.125099,90.410469

1.9394524,-0.113360,9.787243,1.190130,9.859989,83.067322,90.663597

1.9419675,-0.132503,9.796814,1.178166,9.868293,83.143158,90.774879

1.9444824,-0.130110,9.837492,1.149452,9.905272,83.336128,90.757744

1.9469975,-0.175573,9.796814,1.206880,9.872434,82.978172,91.026718

1.9495126,-0.166002,9.813564,1.170988,9.884575,83.196411,90.969101

1.9520277,-0.182752,9.796814,1.202094,9.871981,83.005829,91.068680

1.9545461,-0.173181,9.818350,1.182952,9.890873,83.130966,91.010506

1.9570612,-0.151645,9.806385,1.182952,9.878641,83.122414,90.885948

1.9595764,-0.175573,9.782457,1.221237,9.859955,82.885170,91.028221

1.9620916,-0.180359,9.775279,1.230808,9.854111,82.824844,91.057014

1.9646068,-0.209372,9.789636,1.233201,9.869225,82.821892,91.225204

1.9671218,-0.238086,9.782457,1.192523,9.857752,83.051735,91.394196

1.9696370,-0.214158,9.792028,1.202094,9.867863,83.002899,91.252892

1.9721522,-0.216550,9.777672,1.211666,9.854841,82.937538,91.268745

1.9746739,-0.262014,9.789636,1.168595,9.862617,83.195190,91.533127

1.9771892,-0.235693,9.765409,1.197309,9.841356,83.012032,91.382591

1.9797045,-0.247657,9.796814,1.216451,9.875153,82.924164,91.448090

1.9822199,-0.233300,9.760623,1.166202,9.832813,83.188507,91.369232

1.9847353,-0.250050,9.768100,1.163809,9.840364,83.207794,91.466370

1.9872507,-0.245264,9.763016,1.175773,9.836619,83.135010,91.439072

1.9897660,-0.226122,9.751051,1.144667,9.820610,83.306526,91.328423

1.9922813,-0.228515,9.719945,1.170988,9.792893,83.132408,91.346771

1.9947978,-0.211765,9.739087,1.197309,9.814693,82.992950,91.245628

1.9973131,-0.199502,9.717552,1.154238,9.787895,83.227638,91.176117

1.9998285,-0.185145,9.729516,1.142274,9.798089,83.305161,91.090157

2.0023439,-0.204586,9.753445,1.161416,9.824481,83.210815,91.201653

2.0048592,-0.175573,9.739087,1.149452,9.808256,83.269913,91.032799

2.0073745,-0.182752,9.736694,1.197309,9.811736,82.990829,91.075279

2.0098898,-0.189930,9.741480,1.178166,9.814305,83.105255,91.116959

2.0124054,-0.142074,9.705587,1.161416,9.775863,83.176888,90.838654

2.0149553,-0.151645,9.739087,1.170988,9.810404,83.144730,90.892067

2.0174713,-0.137288,9.724730,1.187737,9.797956,83.037308,90.808815

2.0199876,-0.115753,9.700802,1.166202,9.771335,83.145447,90.683640

2.0225039,-0.127717,9.710373,1.161416,9.780416,83.180084,90.753548

2.0250201,-0.108574,9.739087,1.108774,9.802601,83.505363,90.638725

2.0275364,-0.065504,9.727123,1.084846,9.787650,83.636360,90.385834

2.0300527,-0.099003,9.715159,1.159024,9.784553,83.197090,90.583855

2.0325689,-0.065504,9.710373,1.139881,9.777267,83.304955,90.386497

2.0350475,-0.099003,9.705587,1.163809,9.775617,83.162590,90.584435

2.0375626,-0.091825,9.700802,1.211666,9.776611,82.880737,90.542328

2.0400779,-0.087039,9.722338,1.187737,9.795006,83.035202,90.512924

2.0425932,-0.091825,9.705587,1.187737,9.778424,83.023331,90.542061

2.0451086,-0.075075,9.696016,1.194916,9.769657,82.974625,90.443626

2.0476239,-0.077468,9.748658,1.192523,9.821632,83.026054,90.455292

2.0501392,-0.034397,9.719945,1.194916,9.793179,82.991585,90.202759

2.0526545,-0.063111,9.712767,1.247558,9.792764,82.680862,90.372284

2.0551617,-0.065504,9.712767,1.221237,9.789461,82.833672,90.386398

2.0576768,-0.063111,9.727123,1.214058,9.802798,82.885757,90.371735

2.0601919,-0.058325,9.751051,1.182952,9.822717,83.083069,90.342705

2.0627069,-0.034397,9.760623,1.202094,9.834428,82.978989,90.201912

2.0652220,-0.036790,9.751051,1.269093,9.833359,82.584724,90.216171

2.0677371,-0.041575,9.770494,1.211666,9.845426,82.930748,90.243805

2.0702522,-0.079860,9.772886,1.192523,9.845699,83.043182,90.468193

2.0727673,-0.072682,9.743873,1.216451,9.819780,82.884056,90.427376

2.0752819,-0.089432,9.772886,1.202094,9.846946,82.987961,90.524300

2.0777969,-0.055932,9.770494,1.173380,9.840858,83.152016,90.327995

2.0803120,-0.063111,9.777672,1.151845,9.845486,83.281456,90.369812

2.0828271,-0.079860,9.770494,1.127917,9.835706,83.415077,90.468307

2.0853422,-0.084646,9.753445,1.161416,9.822715,83.209587,90.497231

2.0878572,-0.077468,9.768100,1.190130,9.840640,83.053627,90.454384

2.0903723,-0.082253,9.753445,1.139881,9.820172,83.334343,90.483177

2.0928874,-0.125324,9.775279,1.149452,9.843426,83.294067,90.734520

2.0954058,-0.115753,9.770494,1.194916,9.843971,83.027924,90.678764

2.0979209,-0.101396,9.755837,1.185344,9.828107,83.072830,90.595474

2.1004362,-0.106182,9.758230,1.173380,9.829098,83.143776,90.623421

2.1029513,-0.120538,9.755837,1.197309,9.829773,83.003754,90.707886

2.1054664,-0.082253,9.768100,1.214058,9.843601,82.915398,90.482452

2.1079814,-0.094217,9.739087,1.197309,9.812861,82.991638,90.554268

2.1104968,-0.072682,9.734302,1.204487,9.808807,82.946480,90.427795

2.1130118,-0.099003,9.755837,1.249951,9.836083,82.699219,90.581421

2.1155314,-0.115753,9.741480,1.194916,9.815175,83.007370,90.680786

2.1180468,-0.067896,9.734302,1.206880,9.809067,82.932579,90.399628

2.1205621,-0.055932,9.691231,1.245165,9.771055,82.678658,90.330673

2.1230774,-0.043968,9.724730,1.252344,9.805136,82.661957,90.259048

2.1255927,-0.051147,9.727123,1.252344,9.807544,82.663765,90.301270

2.1281078,-0.072682,9.729516,1.233201,9.807627,82.776566,90.428009

2.1306231,-0.043968,9.705587,1.240379,9.784626,82.717125,90.259560

2.1331384,-0.022433,9.755837,1.211666,9.830819,82.920197,90.131744

2.1356561,-0.010469,9.751051,1.209273,9.825754,82.930588,90.061508

2.1381714,-0.015254,9.768100,1.197309,9.841217,83.011932,90.089478

2.1406868,0.018245,9.768100,1.221237,9.844162,82.873703,89.892982

2.1432021,0.025424,9.727123,1.204487,9.801447,82.941154,89.850250

2.1457174,0.001496,9.763016,1.204487,9.837035,82.966820,89.991226

2.1482327,0.037388,9.736694,1.216451,9.812460,82.878716,89.779991

2.1507480,0.032602,9.739087,1.221237,9.815411,82.852715,89.808197

2.1532633,0.075972,9.741480,1.151845,9.809635,83.256790,89.553169

2.1558084,0.095115,9.741480,1.180559,9.813215,83.090408,89.440590

2.1583335,0.123829,9.715159,1.209273,9.790915,82.905296,89.269753

2.1608500,0.097508,9.724730,1.218844,9.801299,82.856468,89.425529

2.1633663,0.107079,9.729516,1.182952,9.801751,83.068199,89.369453

2.1658826,0.123829,9.712767,1.187737,9.785903,83.028694,89.269569

2.1683989,0.169292,9.741480,1.170988,9.813068,83.146599,89.004387

2.1709154,0.176471,9.763016,1.202094,9.838326,82.981789,88.964470

2.1734314,0.169292,9.712767,1.228415,9.791604,82.792908,89.001442

2.1759157,0.178863,9.672089,1.182952,9.745803,83.028214,88.940567

2.1784313,0.186042,9.722338,1.194916,9.797259,82.994522,88.903748

2.1809466,0.207577,9.729516,1.161416,9.800789,83.194328,88.777794

2.1834621,0.195613,9.691231,1.211666,9.768641,82.874893,88.843666

2.1859775,0.219541,9.710373,1.182952,9.784626,83.056007,88.704819

2.1884930,0.195613,9.717552,1.173380,9.790092,83.116333,88.846802

2.1910088,0.226720,9.696016,1.154238,9.767108,83.213150,88.660507

2.1935241,0.248255,9.707980,1.147059,9.778664,83.263565,88.535133

2.1960533,0.241077,9.672089,1.173380,9.745986,83.085030,88.572197

2.1985688,0.226720,9.664909,1.161416,9.737082,83.149582,88.656197

2.2010849,0.241077,9.719945,1.144667,9.790083,83.285561,88.579224

2.2036006,0.229113,9.717552,1.151845,9.788261,83.241997,88.649376

2.2061164,0.226720,9.715159,1.144667,9.784987,83.282051,88.663147

2.2086322,0.241077,9.715159,1.139881,9.784773,83.310120,88.578522

2.2111483,0.257827,9.705587,1.156631,9.777663,83.206390,88.478310

2.2136641,0.288933,9.768100,1.123131,9.836700,83.443810,88.305725

2.2161603,0.229113,9.751051,1.132702,9.819292,83.375908,88.654015

2.2186756,0.231506,9.705587,1.192523,9.781316,82.997162,88.633591

2.2211912,0.231506,9.734302,1.202094,9.810976,82.962120,88.637619

2.2237062,0.214756,9.760623,1.166202,9.832391,83.188217,88.739563

2.2262218,0.243470,9.748658,1.214058,9.826982,82.903358,88.569351

2.2287369,0.224327,9.760623,1.182952,9.834605,83.091469,88.683411

2.2312524,0.219541,9.770494,1.192523,9.845448,83.043007,88.712791

2.2337675,0.241077,9.717552,1.185344,9.792547,83.047554,88.578873

2.2363129,0.226720,9.758230,1.190130,9.833152,83.048309,88.669044

2.2388353,0.233898,9.777672,1.216451,9.855827,82.910217,88.629646

2.2413516,0.214756,9.760623,1.209273,9.837592,82.939133,88.739563

2.2438679,0.229113,9.739087,1.175773,9.812479,83.118042,88.652359

2.2463844,0.238684,9.741480,1.216451,9.820038,82.884239,88.596428

2.2489007,0.214756,9.753445,1.230808,9.833142,82.809464,88.738640

2.2514167,0.176471,9.799207,1.206880,9.874825,82.979881,88.968292

2.2539330,0.164507,9.727123,1.221237,9.804867,82.844994,89.031097

2.2564375,0.178863,9.729516,1.216451,9.806897,82.874657,88.946815

2.2589533,0.121436,9.700802,1.211666,9.776934,82.880974,89.282799

2.2614694,0.166899,9.736694,1.261915,9.819547,82.616470,89.017975

2.2639854,0.147757,9.715159,1.226022,9.793328,82.808296,89.128662

2.2665014,0.150150,9.731909,1.218844,9.809087,82.862167,89.116074

2.2690172,0.068794,9.743873,1.228415,9.821241,82.814774,89.595490

2.2715333,0.051745,9.719945,1.182952,9.791802,83.061127,89.694984

2.2740493,0.107079,9.657731,1.206880,9.733437,82.877380,89.364769

2.2765651,0.102293,9.727123,1.192523,9.800485,83.010933,89.397484

2.2790811,0.087936,9.734302,1.197309,9.808054,82.988182,89.482422

2.2815971,0.080758,9.705587,1.170988,9.776306,83.120705,89.523270

2.2841132,0.104686,9.715159,1.192523,9.788636,83.002426,89.382629

2.2866290,0.095115,9.712767,1.168595,9.783277,83.139740,89.438934

2.2891450,0.080758,9.731909,1.142274,9.799049,83.305817,89.524559

2.2916610,0.111864,9.775279,1.151845,9.843543,83.280121,89.344360

2.2941771,0.126221,9.743873,1.161416,9.813657,83.203293,89.257835

2.2966638,0.128614,9.731909,1.166202,9.802378,83.167259,89.242836

2.2991793,0.181256,9.741480,1.149452,9.810736,83.271622,88.934044

2.3016944,0.171685,9.772886,1.144667,9.841191,83.320587,88.993561

2.3042097,0.157328,9.753445,1.144667,9.821645,83.307236,89.075867

2.3067248,0.181256,9.770494,1.173380,9.842368,83.153069,88.937202

2.3092401,0.195613,9.746265,1.182952,9.819742,83.080963,88.850197

2.3117552,0.183649,9.746265,1.159024,9.816657,83.219444,88.920502

2.3142707,0.198006,9.731909,1.166202,9.803535,83.168068,88.834419

2.3168106,0.231506,9.722338,1.204487,9.799399,82.939667,88.635948

2.3193264,0.181256,9.743873,1.202094,9.819416,82.968201,88.934303

2.3218424,0.219541,9.731909,1.192523,9.807158,83.015709,88.707687

2.3243580,0.188435,9.743873,1.156631,9.814090,83.231728,88.892105

2.3268740,0.178863,9.724730,1.180559,9.797760,83.079460,88.946297

2.3293898,0.152542,9.722338,1.175773,9.794364,83.105247,89.101112

2.3319058,0.174078,9.739087,1.161416,9.809638,83.200493,88.975998

2.3344216,0.164507,9.722338,1.185344,9.795712,83.049805,89.030624

2.3369079,0.150150,9.719945,1.197309,9.794561,82.978477,89.114990

2.3394229,0.142971,9.705587,1.209273,9.781677,82.898567,89.156052

2.3419380,0.159721,9.739087,1.211666,9.815471,82.909065,89.060432

2.3444533,0.116650,9.729516,1.192523,9.803020,83.012749,89.313095

2.3469682,0.154935,9.693624,1.194916,9.768222,82.973587,89.084305

2.3494835,0.111864,9.696016,1.206880,9.771479,82.905258,89.338997

2.3519986,0.114257,9.755837,1.161416,9.825391,83.211449,89.329002

2.3545136,0.104686,9.707980,1.182952,9.780348,83.052956,89.382172

2.3570333,0.135793,9.693624,1.194916,9.767938,82.973381,89.197426

2.3595483,0.133400,9.741480,1.173380,9.812800,83.132339,89.215439

2.3620639,0.092722,9.731909,1.156631,9.800838,83.222534,89.454124

2.3645790,0.090329,9.688838,1.173380,9.760049,83.095039,89.465843

2.3670943,0.102293,9.712767,1.214058,9.788883,82.875595,89.396591

2.3696094,0.078365,9.724730,1.194916,9.798181,82.995178,89.538300

2.3721247,0.090329,9.741480,1.216451,9.817553,82.882431,89.468735

2.3746397,0.066102,9.696016,1.211666,9.771655,82.877106,89.609398

2.3771763,0.085543,9.705587,1.223630,9.782791,82.814636,89.495018

2.3796921,0.066102,9.722338,1.223630,9.799259,82.826775,89.610458

2.3822076,0.097508,9.792028,1.230808,9.869560,82.836136,89.429474

2.3847234,0.066102,9.739087,1.242772,9.818282,82.728142,89.611122

2.3872392,0.066102,9.751051,1.252344,9.831365,82.681641,89.611603

2.3897548,0.058923,9.741480,1.221237,9.817908,82.854546,89.653442

2.3922708,0.078365,9.743873,1.204487,9.818350,82.953369,89.539207

2.3947866,0.087936,9.751051,1.235594,9.829416,82.778603,89.483315

2.3972964,0.046959,9.724730,1.226022,9.801822,82.814560,89.723328

2.3998120,0.071186,9.743873,1.197309,9.817416,82.994904,89.581421

2.4023275,0.095115,9.777672,1.230808,9.855293,82.825714,89.442657

2.4048431,0.044566,9.741480,1.226022,9.818429,82.826782,89.737877

2.4073589,0.027817,9.784850,1.261915,9.865926,82.651375,89.837120

2.4098744,0.051745,9.792028,1.259522,9.872836,82.670547,89.697227

2.4123900,0.056530,9.746265,1.216451,9.822049,82.885704,89.667679

2.4149058,0.054138,9.748658,1.197309,9.822058,82.998230,89.681824

2.4174225,0.049352,9.719945,1.194916,9.793242,82.991631,89.709091

2.4199383,0.018245,9.722338,1.221237,9.798755,82.840508,89.892479

2.4224539,0.039781,9.777672,1.180559,9.848764,83.115471,89.766891

2.4249694,0.039781,9.765409,1.187737,9.837454,83.065407,89.766602

2.4274852,0.030209,9.780065,1.233201,9.857553,82.813347,89.823021

2.4300008,0.020638,9.746265,1.194916,9.819264,83.010300,89.878677

2.4325166,0.011067,9.751051,1.168595,9.820831,83.166100,89.934975

2.4350319,-0.003290,9.734302,1.194916,9.807368,83.001778,90.019363

2.4375460,0.025424,9.746265,1.221237,9.822513,82.857910,89.850540

2.4400616,0.030209,9.700802,1.261915,9.782581,82.588417,89.821571

2.4425774,0.025424,9.700802,1.221237,9.777404,82.824791,89.849838

2.4450927,0.034995,9.707980,1.240379,9.786963,82.718872,89.793465

2.4476085,0.039781,9.722338,1.235594,9.800618,82.757271,89.765564

2.4501240,0.032602,9.719945,1.211666,9.795230,82.894341,89.807823

2.4526396,0.027817,9.681660,1.242772,9.761136,82.685341,89.835381

2.4551554,0.013460,9.717552,1.252344,9.797927,82.656525,89.920639

2.4576702,-0.010469,9.712767,1.240379,9.791654,82.722374,90.061752

2.4601860,0.025424,9.719945,1.240379,9.798802,82.727715,89.850136

2.4627016,0.027817,9.753445,1.276272,9.836632,82.545036,89.836594

2.4652169,0.063709,9.739087,1.264308,9.821015,82.603508,89.625198

2.4677327,0.056530,9.722338,1.235594,9.800701,82.757332,89.666855

2.4702485,0.032602,9.760623,1.259522,9.841606,82.647163,89.808624

2.4727638,0.061316,9.775279,1.245165,9.854455,82.740959,89.640610

2.4752796,0.011067,9.703195,1.223630,9.780050,82.812607,89.934654

2.4777880,0.020638,9.734302,1.273879,9.817323,82.544373,89.878525

2.4803035,0.034995,9.739087,1.233201,9.816916,82.783440,89.794121

2.4828191,0.049352,9.765409,1.197309,9.838657,83.010101,89.710442

2.4853344,0.068794,9.724730,1.242772,9.804060,82.717537,89.594688

2.4878500,0.044566,9.758230,1.218844,9.834156,82.880463,89.738327

2.4903653,0.034995,9.763016,1.216451,9.838570,82.897713,89.794624

2.4928806,0.030209,9.753445,1.223630,9.829947,82.849289,89.822540

2.4953961,0.037388,9.770494,1.228415,9.847484,82.834023,89.780754

2.4979293,0.025424,9.782457,1.242772,9.861115,82.759903,89.851097

2.5004454,0.025424,9.777672,1.266701,9.859414,82.618454,89.851021

2.5029612,0.020638,9.765409,1.228415,9.842390,82.830292,89.878914

2.5054770,0.011067,9.777672,1.221237,9.853649,82.880600,89.935150

2.5079927,0.034995,9.772886,1.166202,9.842284,83.195099,89.794838

2.5105088,0.011067,9.792028,1.209273,9.866422,82.959869,89.935242

2.5130248,0.023031,9.768100,1.204487,9.842109,82.970467,89.864906

2.5155404,0.011067,9.748658,1.226022,9.825457,82.831940,89.934959

2.5180187,0.006281,9.731909,1.209273,9.806754,82.916817,89.963020

2.5205338,0.030209,9.765409,1.182952,9.836843,83.093048,89.822754

2.5230486,0.003888,9.770494,1.173380,9.840700,83.151901,89.977196

2.5255635,-0.000897,9.777672,1.182952,9.848971,83.101601,90.005257

2.5280786,-0.010469,9.746265,1.190130,9.818666,83.038002,90.061539

2.5305934,0.015852,9.719945,1.168595,9.789954,83.144447,89.906555

2.5331085,-0.010469,9.739087,1.182952,9.810673,83.074539,90.061584

2.5356233,-0.017647,9.736694,1.180559,9.808020,83.086731,90.103844

2.5381546,0.008674,9.751051,1.209273,9.825752,82.930580,89.949036

2.5406699,-0.003290,9.729516,1.228415,9.806758,82.804108,90.019379

2.5431852,0.006281,9.739087,1.202094,9.812996,82.963577,89.963051

2.5457006,0.037388,9.751051,1.214058,9.826409,82.902939,89.780312

2.5482161,0.037388,9.772886,1.276272,9.855941,82.559723,89.780807

2.5507314,0.056530,9.746265,1.264308,9.828091,82.608864,89.667679

2.5532467,0.030209,9.700802,1.192523,9.773872,82.991806,89.821571

2.5557621,0.020638,9.743873,1.199701,9.817472,82.980873,89.878647

2.5582814,0.054138,9.760623,1.211666,9.835691,82.923721,89.682213

2.5607967,0.066102,9.710373,1.252344,9.791020,82.651314,89.609978

2.5633123,0.061316,9.722338,1.240379,9.801334,82.729607,89.638657

2.5658278,0.051745,9.724730,1.223630,9.801547,82.828461,89.695137

2.5683432,0.083151,9.727123,1.259522,9.808681,82.622345,89.510231

2.5708587,0.092722,9.755837,1.247558,9.835719,82.713005,89.455460

2.5733740,0.051745,9.746265,1.230808,9.823811,82.802597,89.695808

2.5758893,0.023031,9.753445,1.216451,9.829037,82.890793,89.864708

2.5784092,0.068794,9.727123,1.206880,9.801950,82.927422,89.594788

2.5809247,0.071186,9.717552,1.216451,9.793653,82.864975,89.580284

2.5834403,0.042173,9.727123,1.228415,9.804474,82.802422,89.751587

2.5859559,0.037388,9.703195,1.168595,9.773382,83.132767,89.779228

2.5884714,0.042173,9.698409,1.173380,9.769224,83.101555,89.750854

2.5909870,0.051745,9.741480,1.214058,9.816978,82.896088,89.695656

2.5935023,-0.003290,9.753445,1.180559,9.824633,83.098480,90.019325

2.5960181,0.011067,9.710373,1.194916,9.783624,82.984703,89.934700

2.5985351,0.015852,9.686445,1.211666,9.761947,82.869987,89.906235

2.6010506,-0.036790,9.741480,1.228415,9.818696,82.812904,90.216385

2.6035662,-0.022433,9.782457,1.187737,9.854323,83.077332,90.131386

2.6060817,-0.053539,9.760623,1.218844,9.836576,82.882217,90.314278

2.6085975,-0.027218,9.722338,1.211666,9.797587,82.896057,90.160400

2.6111128,-0.022433,9.707980,1.230808,9.785718,82.774429,90.132393

2.6136286,-0.034397,9.705587,1.235594,9.783982,82.744888,90.203056

2.6161439,-0.039182,9.686445,1.245165,9.766228,82.675018,90.231766

2.6186593,-0.051147,9.681660,1.230808,9.759715,82.755074,90.302681

2.6211751,-0.084646,9.727123,1.221237,9.803852,82.844246,90.498581

2.6236904,-0.017647,9.760623,1.237987,9.838836,82.771507,90.103592

2.6262062,-0.027218,9.775279,1.245165,9.854301,82.740845,90.159531

2.6287215,-0.032004,9.731909,1.197309,9.805336,82.986229,90.188423

2.6312370,-0.034397,9.746265,1.226022,9.823136,82.830238,90.202209

2.6337528,-0.043968,9.760623,1.228415,9.837718,82.826874,90.258095

2.6362684,-0.051147,9.799207,1.223630,9.875442,82.882401,90.299049

2.6387787,-0.020040,9.772886,1.228415,9.849808,82.835724,90.117485

2.6412942,-0.036790,9.775279,1.199701,9.848691,83.003235,90.215637

2.6438098,-0.000897,9.770494,1.192523,9.843000,83.041267,90.005264

2.6463251,-0.015254,9.763016,1.218844,9.838815,82.883850,90.089523

2.6488407,-0.024826,9.775279,1.206880,9.849531,82.961761,90.145508

2.6513560,-0.003290,9.787243,1.235594,9.864929,82.804741,90.019264

2.6538715,-0.036790,9.758230,1.202094,9.832062,82.977295,90.216011

2.6563871,-0.022433,9.775279,1.206880,9.849525,82.961761,90.131485

2.6589148,-0.043968,9.755837,1.178166,9.826818,83.114075,90.258224

2.6614304,-0.015254,9.710373,1.159024,9.779310,83.193428,90.090004

2.6639462,-0.048754,9.758230,1.159024,9.826941,83.226570,90.286255

2.6664619,-0.034397,9.753445,1.187737,9.825558,83.056969,90.202057

2.6689775,0.015852,9.772886,1.149452,9.840264,83.291901,89.907059

2.6714933,0.011067,9.727123,1.154238,9.795372,83.232826,89.934814

2.6740093,0.006281,9.691231,1.180559,9.762875,83.054611,89.962868

2.6765249,0.042173,9.707980,1.159024,9.777014,83.191818,89.751099

2.6789985,0.015852,9.739087,1.194916,9.812130,83.005188,89.906738

2.6815131,-0.000897,9.715159,1.192523,9.788076,83.002022,90.005295

2.6840279,0.015852,9.722338,1.163809,9.791759,83.173920,89.906578

2.6865425,0.023031,9.686445,1.180559,9.758149,83.051231,89.863770

2.6890571,0.003888,9.717552,1.190130,9.790161,83.017632,89.977074

2.6915720,0.023031,9.739087,1.190130,9.811563,83.032936,89.864510

2.6940866,0.015852,9.736694,1.223630,9.813293,82.837090,89.906715

2.6966012,-0.005683,9.736694,1.233201,9.814481,82.781639,90.033440

2.6991506,0.008674,9.705587,1.197309,9.779164,82.967369,89.948792

2.7016661,0.008674,9.705587,1.204487,9.780046,82.925629,89.948792

2.7041817,0.025424,9.700802,1.254736,9.781645,82.630104,89.849838

2.7066972,-0.015254,9.739087,1.214058,9.814478,82.894264,90.089745

2.7092128,-0.027218,9.703195,1.194916,9.776530,82.979591,90.160721

2.7117283,-0.051147,9.712767,1.228415,9.790274,82.791924,90.301712

2.7142441,-0.010469,9.722338,1.197309,9.795790,82.979362,90.061691

2.7167594,-0.022433,9.719945,1.192523,9.792851,83.005455,90.132233

2.7192731,-0.036790,9.734302,1.209273,9.809196,82.918587,90.216545

2.7217886,-0.029611,9.710373,1.190130,9.783079,83.012550,90.174721

2.7243042,-0.020040,9.710373,1.194916,9.783638,82.984718,90.118248

2.7268198,-0.032004,9.722338,1.190130,9.794962,83.021072,90.188606

2.7293353,-0.043968,9.727123,1.185344,9.799179,83.052277,90.258987

2.7318506,-0.029611,9.734302,1.206880,9.808877,82.932442,90.174294

2.7343662,-0.060718,9.715159,1.190130,9.787973,83.016060,90.358086

2.7368817,-0.089432,9.729516,1.170988,9.800138,83.137512,90.526634

2.7393973,-0.039182,9.734302,1.192523,9.807155,83.015709,90.230629

2.7419128,-0.043968,9.734302,1.175773,9.805152,83.112869,90.258797

2.7444282,-0.051147,9.775279,1.202094,9.849048,82.989464,90.299782

2.7469440,-0.027218,9.777672,1.230808,9.854872,82.825401,90.159492

2.7494593,-0.022433,9.777672,1.187737,9.849573,83.073982,90.131454

2.7519748,-0.000897,9.772886,1.170988,9.842791,83.167389,90.005264

2.7544904,-0.020040,9.765409,1.168595,9.835102,83.176064,90.117577

2.7570057,-0.043968,9.792028,1.206880,9.866220,82.973724,90.257271

2.7595198,-0.008076,9.792028,1.194916,9.864670,83.042625,90.047256

2.7620354,-0.005683,9.765409,1.199701,9.838827,82.996185,90.033340

2.7645509,-0.029611,9.784850,1.182952,9.856143,83.106644,90.173393

2.7670662,-0.005683,9.801600,1.178166,9.872155,83.145851,90.033218

2.7695818,-0.010469,9.796814,1.194916,9.869422,83.045998,90.061226

2.7720971,-0.003290,9.787243,1.170988,9.857045,83.177322,90.019264

2.7746127,-0.005683,9.801600,1.180559,9.872441,83.132065,90.033218

2.7771282,-0.003290,9.760623,1.204487,9.834661,82.965111,90.019310

2.7796426,-0.017647,9.770494,1.206880,9.844766,82.958336,90.103485

2.7821579,-0.036790,9.777672,1.168595,9.847326,83.184578,90.215584

2.7846732,-0.034397,9.758230,1.182952,9.829731,83.088028,90.201958

2.7871890,-0.015254,9.768100,1.170988,9.838049,83.164085,90.089478

2.7897043,-0.043968,9.768100,1.166202,9.837567,83.191818,90.257896

2.7922199,-0.036790,9.760623,1.159024,9.829265,83.228180,90.215958

2.7947350,-0.020040,9.712767,1.170988,9.783121,83.125519,90.118217

2.7972505,-0.036790,9.727123,1.173380,9.797709,83.121712,90.216698

2.7997637,-0.077468,9.731909,1.180559,9.803559,83.083572,90.456078

2.8022790,-0.055932,9.724730,1.180559,9.796287,83.078415,90.329536

2.8047945,-0.051147,9.693624,1.192523,9.766835,82.986732,90.302307

2.8073096,-0.058325,9.715159,1.199701,9.789127,82.960449,90.343971

2.8098252,-0.058325,9.698409,1.149452,9.766462,83.240974,90.344566

2.8123407,-0.027218,9.703195,1.170988,9.773635,83.118813,90.160721

2.8148558,-0.024826,9.753445,1.151845,9.821255,83.264801,90.145836

2.8173714,-0.020040,9.741480,1.147059,9.808801,83.284363,90.117867

2.8198903,0.003888,9.703195,1.204487,9.777668,82.923897,89.977043

2.8224058,-0.010469,9.734302,1.185344,9.806211,83.057289,90.061615

2.8249214,-0.034397,9.760623,1.185344,9.832395,83.075867,90.201912

2.8274367,-0.048754,9.739087,1.180559,9.810500,83.088493,90.286819

2.8299522,-0.029611,9.743873,1.187737,9.816041,83.050201,90.174118

2.8324676,-0.039182,9.748658,1.223630,9.825230,82.845833,90.230286

2.8349831,-0.017647,9.729516,1.214058,9.804985,82.887352,90.103920

2.8374984,-0.027218,9.748658,1.199701,9.822238,82.984299,90.159973

2.8400226,-0.008076,9.787243,1.194916,9.859920,83.039261,90.047279

2.8425381,-0.034397,9.787243,1.154238,9.855129,83.274048,90.201363

2.8450539,-0.041575,9.760623,1.194916,9.833581,83.020523,90.244049

2.8475692,-0.024826,9.758230,1.218844,9.834086,82.880409,90.145767

2.8500850,-0.029611,9.755837,1.204487,9.829956,82.961731,90.173904

2.8526008,-0.048754,9.741480,1.202094,9.815490,82.965378,90.286751

2.8551164,-0.041575,9.768100,1.221237,9.844233,82.873749,90.243866

2.8576322,-0.055932,9.794421,1.187737,9.866333,83.085800,90.327194

2.8601296,-0.034397,9.784850,1.180559,9.855871,83.120461,90.201408

2.8626451,-0.008076,9.815957,1.202094,9.889293,83.018135,90.047142

2.8651605,-0.010469,9.763016,1.173380,9.833281,83.146713,90.061440

2.8676755,0.001496,9.755837,1.197309,9.829034,83.003227,89.991219

2.8701909,-0.022433,9.751051,1.168595,9.820851,83.166115,90.131813

2.8727059,0.018245,9.734302,1.178166,9.805358,83.098930,89.892609

2.8752213,0.025424,9.729516,1.175773,9.800336,83.109467,89.850281

2.8777363,0.023031,9.751051,1.206880,9.825481,82.944450,89.864677

2.8802426,0.030209,9.734302,1.214058,9.809765,82.890839,89.822189

2.8827577,0.018245,9.729516,1.178166,9.800607,83.095573,89.892555

2.8852727,0.027817,9.727123,1.178166,9.798254,83.093903,89.836151

2.8877876,0.037388,9.712767,1.187737,9.785191,83.028183,89.779449

2.8903027,0.056530,9.729516,1.135095,9.795669,83.345772,89.667107

2.8928175,0.073579,9.688838,1.154238,9.757626,83.206528,89.564888

2.8953328,0.061316,9.731909,1.161416,9.801158,83.194580,89.639015

2.8978477,0.068794,9.746265,1.130310,9.811831,83.384918,89.595589

2.9003682,0.018245,9.703195,1.125524,9.768271,83.383545,89.892265

2.9028835,0.042173,9.715159,1.161416,9.784426,83.182892,89.751282

2.9053986,0.095115,9.717552,1.147059,9.785480,83.268280,89.439209

2.9079139,0.044566,9.705587,1.108774,9.768817,83.482803,89.736908

2.9104290,0.066102,9.727123,1.106381,9.790066,83.511108,89.610649

2.9129443,0.087936,9.751051,1.137488,9.817566,83.346626,89.483315

2.9154592,0.037388,9.734302,1.118345,9.798404,83.446236,89.779938

2.9179745,0.071186,9.758230,1.108774,9.821279,83.517769,89.582031

2.9204886,0.049352,9.741480,1.120738,9.805861,83.437172,89.709732

2.9230039,0.032602,9.775279,1.151845,9.842961,83.279724,89.808907

2.9255188,0.044566,9.736694,1.159024,9.805536,83.211716,89.737747

2.9280341,0.102293,9.731909,1.135095,9.798416,83.347649,89.397781

2.9305491,0.054138,9.719945,1.154238,9.788387,83.227974,89.680878

2.9330645,0.056530,9.729516,1.168595,9.799607,83.151230,89.667107

2.9355793,0.046959,9.722338,1.113560,9.786014,83.466103,89.723259

2.9380946,0.056530,9.736694,1.115953,9.800600,83.461792,89.667351

2.9406226,0.066102,9.731909,1.130310,9.797552,83.375237,89.610840

2.9431379,0.054138,9.743873,1.123131,9.808537,83.424896,89.681664

2.9456534,0.013460,9.760623,1.123131,9.825038,83.435989,89.920990

2.9481690,0.023031,9.719945,1.132702,9.785748,83.353104,89.864243

2.9506843,0.023031,9.741480,1.149452,9.809088,83.270485,89.864540

2.9531999,0.011067,9.731909,1.106381,9.794603,83.514122,89.934845

2.9557152,0.046959,9.731909,1.108774,9.794980,83.500290,89.723534

2.9582307,0.023031,9.775279,1.144667,9.842097,83.321205,89.865005

2.9607334,0.013460,9.782457,1.137488,9.848377,83.367531,89.921165

2.9632483,0.032602,9.734302,1.108774,9.797299,83.501831,89.808105

2.9657636,0.006281,9.727123,1.075275,9.786377,83.691910,89.963005

2.9682786,0.003888,9.751051,1.108774,9.813888,83.512863,89.977150

2.9707937,-0.005683,9.763016,1.159024,9.831573,83.229774,90.033348

2.9733088,-0.034397,9.751051,1.127917,9.816128,83.401886,90.202110

2.9758241,-0.039182,9.753445,1.120738,9.817702,83.445122,90.230171

2.9783392,-0.010469,9.765409,1.156631,9.833672,83.245270,90.061424

2.9808664,-0.027218,9.768100,1.163809,9.837223,83.205612,90.159653

2.9833820,-0.020040,9.794421,1.154238,9.862219,83.278908,90.117233

2.9858971,-0.055932,9.770494,1.147059,9.837754,83.304214,90.327995

2.9884126,-0.070289,9.775279,1.173380,9.845702,83.155396,90.411980

2.9909279,-0.041575,9.782457,1.144667,9.849288,83.326103,90.243507

2.9934435,-0.058325,9.780065,1.166202,9.849523,83.200119,90.341690

2.9959590,-0.084646,9.768100,1.142274,9.835025,83.330421,90.496490

2.9984744,-0.077468,9.736694,1.156631,9.805458,83.225739,90.455849

3.0009949,-0.070289,9.758230,1.154238,9.826509,83.254372,90.412697

3.0035105,-0.091825,9.792028,1.132702,9.857752,83.401871,90.537277

3.0060263,-0.067896,9.784850,1.180559,9.856045,83.120583,90.397568

3.0085416,-0.055932,9.755837,1.182952,9.827455,83.086418,90.328484

3.0110571,-0.063111,9.760623,1.156631,9.829117,83.242126,90.370461

3.0135727,-0.077468,9.765409,1.161416,9.834536,83.217789,90.454514

3.0160882,-0.036790,9.739087,1.113560,9.802610,83.477219,90.216438

3.0186040,-0.055932,9.724730,1.163809,9.794282,83.175682,90.329536

3.0211062,-0.041575,9.712767,1.144667,9.780073,83.278656,90.245255

3.0236216,-0.024826,9.724730,1.120738,9.789129,83.425903,90.146263

3.0261366,-0.029611,9.746265,1.118345,9.810264,83.454193,90.174072

3.0286520,-0.029611,9.717552,1.137488,9.783945,83.323654,90.174591

3.0311670,-0.039182,9.707980,1.144667,9.775310,83.275368,90.231255

3.0336823,-0.024826,9.739087,1.130310,9.804491,83.379944,90.146049

3.0361977,-0.051147,9.746265,1.135095,9.812276,83.357086,90.300674

3.0387130,-0.055932,9.770494,1.137488,9.836643,83.359589,90.327995

3.0412266,-0.060718,9.736694,1.108774,9.799810,83.503510,90.357292

3.0437419,-0.084646,9.748658,1.118345,9.812961,83.456001,90.497475

3.0462570,-0.063111,9.794421,1.144667,9.861284,83.334259,90.369179

3.0487723,-0.077468,9.765409,1.125524,9.830362,83.425522,90.454514

3.0512874,-0.065504,9.775279,1.094417,9.836571,83.612045,90.383926

3.0538027,-0.053539,9.827921,1.087239,9.888022,83.687271,90.312126

3.0563178,-0.065504,9.782457,1.063311,9.840294,83.796692,90.383644

3.0588331,-0.043968,9.808778,1.048954,9.864804,83.896034,90.256828

3.0613484,-0.017647,9.815957,1.063311,9.873396,83.817566,90.103004

3.0638638,-0.067896,9.796814,1.092024,9.857722,83.639801,90.397079

3.0663788,-0.075075,9.799207,1.053739,9.855986,83.862572,90.438950

3.0688941,-0.051147,9.772886,1.060918,9.830436,83.804474,90.299858

3.0714092,-0.034397,9.763016,1.096810,9.824492,83.590118,90.201859

3.0739245,-0.072682,9.739087,1.048954,9.795683,83.852791,90.427589

3.0764396,-0.034397,9.760623,1.075275,9.819733,83.713425,90.201912

3.0789549,-0.017647,9.736694,1.096810,9.798292,83.572906,90.103844

3.0814750,-0.024826,9.719945,1.111167,9.783284,83.478378,90.146339

3.0839903,-0.000897,9.722338,1.089632,9.783207,83.605255,90.005287

3.0865057,0.003888,9.710373,1.115953,9.774288,83.444115,89.977058

3.0890212,-0.005683,9.722338,1.132702,9.788099,83.354706,90.033493

3.0915363,-0.000897,9.679267,1.101596,9.741752,83.507111,90.005310

3.0940518,-0.024826,9.705587,1.080060,9.765530,83.650139,90.146553

3.0965669,-0.017647,9.681660,1.092024,9.743068,83.564644,90.104431

3.0990825,-0.017647,9.669696,1.084846,9.730376,83.598747,90.104561

3.1016047,-0.022433,9.707980,1.082453,9.768167,83.637741,90.132393

3.1041205,-0.029611,9.751051,1.082453,9.810992,83.665627,90.173988

3.1066360,-0.048754,9.705587,1.132702,9.771583,83.343422,90.287811

3.1091514,-0.024826,9.688838,1.125524,9.754025,83.373840,90.146805

3.1116669,-0.036790,9.679267,1.137488,9.745945,83.297508,90.217773

3.1141822,-0.053539,9.717552,1.106381,9.780479,83.504715,90.315674

3.1166980,-0.053539,9.707980,1.072882,9.767232,83.693619,90.315979

3.1192136,-0.053539,9.705587,1.147059,9.773282,83.259842,90.316063

3.1217263,-0.063111,9.724730,1.120738,9.789301,83.426018,90.371826

3.1242418,-0.067896,9.734302,1.092024,9.795599,83.599297,90.399628

3.1267574,-0.067896,9.712767,1.056132,9.770254,83.794388,90.400513

3.1292727,-0.082253,9.707980,1.039382,9.763809,83.889137,90.485443

3.1317883,-0.036790,9.717552,1.065703,9.775884,83.741547,90.216911

3.1343036,-0.034397,9.736694,1.063311,9.794642,83.767662,90.202408

3.1368191,-0.041575,9.736694,1.051346,9.793380,83.837265,90.244652

3.1393347,-0.060718,9.731909,1.101596,9.794246,83.542061,90.357468

3.1418440,-0.063111,9.758230,1.087239,9.818815,83.642593,90.370552

3.1443594,-0.075075,9.753445,1.058525,9.811004,83.806206,90.441010

3.1468749,-0.048754,9.748658,1.087239,9.809220,83.636353,90.286537

3.1493900,-0.032004,9.748658,1.068096,9.807048,83.747452,90.188095

3.1519053,-0.051147,9.731909,1.087239,9.792587,83.625496,90.301117

3.1544206,-0.067896,9.768100,1.087239,9.828655,83.648987,90.398247

3.1569359,-0.055932,9.734302,1.041775,9.790049,83.891495,90.329208

3.1594510,-0.084646,9.760623,1.053739,9.817703,83.838547,90.496872

3.1619716,-0.048754,9.746265,1.044168,9.802161,83.885010,90.286606

3.1644869,-0.075075,9.777672,1.118345,9.841707,83.475197,90.439919

3.1670022,-0.079860,9.760623,1.096810,9.822379,83.588730,90.468781

3.1695178,-0.063111,9.775279,1.044168,9.831091,83.903069,90.369904

3.1720331,-0.084646,9.736694,1.094417,9.798373,83.587036,90.498093

3.1745486,-0.058325,9.731909,1.080060,9.791832,83.667267,90.343376

3.1770642,-0.099003,9.755837,1.036990,9.811296,83.932877,90.581421

3.1795795,-0.106182,9.792028,1.060918,9.849906,83.816765,90.621269

3.1820962,-0.075075,9.746265,1.087239,9.807009,83.634911,90.441338

3.1846118,-0.089432,9.765409,1.051346,9.822247,83.855446,90.524704

3.1871271,-0.103789,9.707980,1.065703,9.766851,83.735741,90.612534

3.1896427,-0.063111,9.736694,1.060918,9.794526,83.781670,90.371368

3.1921582,-0.087039,9.746265,1.053739,9.803451,83.829552,90.511665

3.1946735,-0.079860,9.722338,1.075275,9.781945,83.689041,90.470627

3.1971891,-0.089432,9.722338,1.082453,9.782819,83.647308,90.527023

3.1997044,-0.099003,9.691231,1.077667,9.751468,83.655090,90.585297

3.2022190,-0.055932,9.703195,1.048954,9.759888,83.830162,90.330269

3.2047343,-0.039182,9.729516,1.082453,9.789623,83.651741,90.230736

3.2072499,-0.036790,9.712767,1.099203,9.774837,83.543304,90.217018

3.2097652,-0.051147,9.729516,1.096810,9.791277,83.568275,90.301193

3.2122808,-0.012861,9.696016,1.103989,9.758673,83.504280,90.076004

3.2147958,0.008674,9.698409,1.094417,9.759967,83.561691,89.948753

3.2173114,-0.020040,9.743873,1.108774,9.806775,83.508141,90.117836

3.2198269,0.006281,9.707980,1.082453,9.768144,83.637726,89.962929

3.2223415,0.044566,9.679267,1.101596,9.741854,83.507179,89.736191

3.2248571,0.023031,9.731909,1.108774,9.794895,83.500229,89.864410

3.2273724,-0.000897,9.715159,1.101596,9.777414,83.530899,90.005295

3.2298877,-0.000897,9.715159,1.106381,9.777955,83.503036,90.005295

3.2324030,0.011067,9.660124,1.123131,9.725201,83.368301,89.934364

3.2349186,0.056530,9.693624,1.103989,9.756451,83.502792,89.665871

3.2374339,0.049352,9.700802,1.127917,9.766278,83.368057,89.708519

3.2399495,0.049352,9.693624,1.142274,9.760818,83.279480,89.708298

3.2424629,0.058923,9.703195,1.168595,9.773488,83.132835,89.652069

3.2449784,0.030209,9.717552,1.156631,9.786191,83.212341,89.821884

3.2474937,0.039781,9.688838,1.142274,9.756021,83.276161,89.764755

3.2500091,0.039781,9.715159,1.125524,9.780220,83.391663,89.765388

3.2525244,-0.010469,9.746265,1.170988,9.816364,83.148911,90.061539

3.2550399,-0.072682,9.830314,1.235594,9.907928,82.836128,90.423615

3.2575550,0.068794,9.715159,1.175773,9.786291,83.099533,89.594292

3.2600706,0.121436,9.581161,1.137488,9.649210,83.229996,89.273849

3.2625940,0.044566,9.640982,1.166202,9.711361,83.102913,89.735146

3.2651410,0.066102,9.676874,1.161416,9.746546,83.156265,89.608627

3.2676878,0.080758,9.688838,1.142274,9.756274,83.276337,89.522446

3.2701817,0.063709,9.748658,1.142274,9.815558,83.317131,89.625572

3.2726970,0.046959,9.746265,1.132702,9.811978,83.370949,89.723938

3.2752321,0.042173,9.729516,1.127917,9.794766,83.387428,89.751648

3.2777443,0.034995,9.727123,1.130310,9.792638,83.371895,89.793869

3.2802598,0.027817,9.741480,1.185344,9.813371,83.062378,89.836395

3.2827497,0.030209,9.741480,1.163809,9.810801,83.187225,89.822319

3.2852652,0.046959,9.703195,1.175773,9.774284,83.091019,89.722717

3.2877808,0.023031,9.710373,1.151845,9.778478,83.235199,89.864105

3.2902963,-0.012861,9.705587,1.159024,9.774555,83.190094,90.075928

3.2928119,0.023031,9.705587,1.175773,9.776574,83.092644,89.864037

3.2953274,0.039781,9.727123,1.178166,9.798295,83.093933,89.765678

3.2978432,0.018245,9.731909,1.175773,9.802695,83.111137,89.892586

3.3003585,-0.010469,9.770494,1.194916,9.843296,83.027443,90.061386

3.3028741,-0.024826,9.775279,1.185344,9.846915,83.086128,90.145508

3.3053849,-0.053539,9.811171,1.187737,9.882948,83.097481,90.312660

3.3079004,-0.046361,9.835099,1.199701,9.908109,83.045403,90.270081

3.3104157,0.051745,9.703195,1.211666,9.778691,82.882256,89.694458

3.3129311,0.068794,9.629018,1.192523,9.702826,82.940231,89.590660

3.3154464,0.023031,9.684052,1.170988,9.754621,83.105331,89.863739

3.3179619,0.011067,9.703195,1.192523,9.776207,82.993484,89.934654

3.3204772,0.013460,9.739087,1.159024,9.807820,83.213303,89.920815

3.3229928,0.003888,9.751051,1.182952,9.822545,83.082947,89.977150

3.3254745,0.013460,9.763016,1.142274,9.829620,83.326736,89.921013

3.3279889,0.034995,9.758230,1.120738,9.822441,83.448296,89.794525

3.3305037,0.027817,9.765409,1.132702,9.830920,83.383781,89.836792

3.3330183,0.023031,9.768100,1.173380,9.838350,83.150261,89.864906

3.3355327,0.018245,9.787243,1.168595,9.856778,83.191139,89.893188

3.3380475,0.056530,9.763016,1.168595,9.832868,83.174507,89.668243

3.3405619,0.011067,9.729516,1.137488,9.795789,83.331764,89.934830

3.3430765,0.018245,9.782457,1.175773,9.852880,83.146393,89.893135

3.3455970,0.044566,9.741480,1.180559,9.812856,83.090157,89.737877

3.3481119,0.068794,9.729516,1.173380,9.800257,83.123505,89.594887

3.3506265,0.051745,9.731909,1.175773,9.802814,83.111221,89.695358

3.3531411,0.092722,9.722338,1.123131,9.787435,83.410660,89.453590

3.3556559,0.104686,9.712767,1.127917,9.778599,83.376450,89.382477

3.3581707,0.111864,9.741480,1.125524,9.806924,83.409737,89.342087

3.3606856,0.092722,9.734302,1.101596,9.796874,83.543800,89.454262

3.3632002,0.056530,9.748658,1.056132,9.805863,83.817017,89.667755

3.3657119,0.056530,9.734302,1.125524,9.799318,83.404602,89.667267

3.3682268,0.037388,9.751051,1.139881,9.817521,83.332535,89.780312

3.3707414,0.080758,9.707980,1.137488,9.774727,83.317329,89.523384

3.3732562,0.087936,9.739087,1.113560,9.802937,83.477432,89.482681

3.3757708,0.061316,9.739087,1.115953,9.803006,83.463402,89.639275

3.3782854,0.042173,9.763016,1.163809,9.832228,83.202148,89.752502

3.3808002,0.042173,9.768100,1.163809,9.837276,83.205650,89.752632

3.3833148,-0.003290,9.806385,1.182952,9.877478,83.121605,90.019226

3.3858373,-0.087039,9.873384,1.211666,9.947835,83.003891,90.505081

3.3883519,0.119043,9.743873,1.142274,9.811320,83.314232,89.300041

3.3908668,0.119043,9.631411,1.123131,9.697405,83.349213,89.291870

3.3933818,0.073579,9.660124,1.142274,9.727702,83.256493,89.563599

3.3958964,0.095115,9.633803,1.137488,9.701190,83.266441,89.434334

3.3984115,0.039781,9.636196,1.159024,9.705730,83.141579,89.763474

3.4009261,0.015852,9.669696,1.132702,9.735825,83.318863,89.906067

3.4034410,0.011067,9.722338,1.163809,9.791753,83.173912,89.934784

3.4059744,0.006281,9.715159,1.130310,9.780693,83.363762,89.962959

3.4084897,-0.008076,9.696016,1.194916,9.769372,82.974419,90.047722

3.4110050,-0.060718,9.700802,1.257129,9.782107,82.616318,90.358612

3.4135203,-0.053539,9.710373,1.204487,9.784938,82.929184,90.315903

3.4160357,-0.072682,9.748658,1.235594,9.826918,82.776756,90.427162

3.4185510,-0.079860,9.693624,1.271486,9.776983,82.527580,90.472015

3.4210663,-0.158824,9.672089,1.247558,9.753509,82.651245,90.940758

3.4235816,-0.125324,9.724730,1.211666,9.800726,82.898346,90.738342

3.4261000,-0.127717,9.746265,1.245165,9.826314,82.720055,90.750771

3.4286156,-0.170788,9.765409,1.221237,9.842957,82.872826,91.001945

3.4311311,-0.163609,9.772886,1.230808,9.851445,82.822891,90.959106

3.4336464,-0.154038,9.743873,1.228415,9.822208,82.815483,90.905693

3.4361620,-0.170788,9.727123,1.221237,9.804974,82.845070,91.005890

3.4386771,-0.180359,9.775279,1.223630,9.853217,82.866257,91.057014

3.4411926,-0.156431,9.782457,1.173380,9.853820,83.161064,90.916138

3.4437082,-0.168395,9.801600,1.173380,9.873020,83.174423,90.984268

3.4462531,-0.221336,9.830314,1.185344,9.903995,83.126167,91.289833

3.4487982,-0.242871,9.887741,1.170988,9.959800,83.248039,91.407066

3.4513431,-0.211765,9.933205,1.159024,10.002836,83.346222,91.221298

3.4538825,-0.029611,9.792028,1.108774,9.854648,83.539810,90.173264

3.4564006,-0.089432,9.727123,1.092024,9.788638,83.594727,90.526764

3.4589188,-0.125324,9.768100,1.113560,9.832167,83.496910,90.735062

3.4614367,-0.115753,9.787243,1.147059,9.854911,83.315926,90.677597

3.4639549,-0.096610,9.792028,1.108774,9.855076,83.540092,90.565277

3.4664476,-0.127717,9.803992,1.118345,9.868398,83.492920,90.746353

3.4689651,-0.137288,9.827921,1.130310,9.893659,83.439873,90.800323

3.4714823,-0.122931,9.806385,1.147059,9.874008,83.328911,90.718216

3.4739997,-0.132503,9.743873,1.156631,9.813175,83.231094,90.779091

3.4765170,-0.120538,9.777672,1.147059,9.845463,83.309479,90.706299

3.4790344,-0.089432,9.799207,1.142274,9.865963,83.351425,90.522888

3.4815521,-0.084646,9.760623,1.111167,9.824033,83.505547,90.496872

3.4840693,-0.096610,9.710373,1.125524,9.775862,83.388702,90.570030

3.4865687,-0.125324,9.707980,1.147059,9.776315,83.261940,90.739609

3.4890857,-0.096610,9.684052,1.127917,9.749994,83.356934,90.571579

3.4916027,-0.106182,9.660124,1.142274,9.728004,83.256706,90.629753

3.4941194,-0.101396,9.681660,1.120738,9.746840,83.397255,90.600037

3.4966364,-0.089432,9.657731,1.163809,9.728012,83.128975,90.530548

3.4991534,-0.170788,9.643374,1.211666,9.720697,82.839569,91.014626

3.5016704,-0.161216,9.679267,1.211666,9.756144,82.865723,90.954224

3.5041873,-0.132503,9.655338,1.235594,9.734979,82.708176,90.786232

3.5066912,-0.175573,9.640982,1.226022,9.720210,82.753906,91.043304

3.5092077,-0.166002,9.669696,1.252344,9.751869,82.621651,90.983513

3.5117245,-0.218943,9.739087,1.290928,9.826711,82.451279,91.287842

3.5142412,-0.312263,9.820743,1.343570,9.917141,82.213646,91.821182

3.5167577,-0.099003,9.621839,1.283749,9.707605,82.400856,90.589516

3.5192745,-0.149252,9.550055,1.237987,9.631118,82.614754,90.895370

3.5217910,-0.144467,9.605089,1.235594,9.685314,82.670578,90.861702

3.5243077,-0.151645,9.595518,1.261915,9.679328,82.508904,90.905411

3.5268142,-0.221336,9.581161,1.269093,9.667379,82.456673,91.323364

3.5293305,-0.257228,9.650553,1.261915,9.736107,82.552834,91.526817

3.5318468,-0.192323,9.688838,1.242772,9.770110,82.692093,91.137169

3.5343633,-0.072682,9.700802,1.211666,9.776450,82.880615,90.429276

3.5368798,-0.043968,9.664909,1.216451,9.741261,82.826393,90.260651

3.5393960,-0.099003,9.696016,1.216451,9.772528,82.849464,90.585007

3.5419126,-0.146859,9.743873,1.182952,9.816517,83.078682,90.863495

3.5444286,-0.118146,9.724730,1.178166,9.796552,83.092697,90.696053

3.5469363,-0.110967,9.758230,1.135095,9.824654,83.365494,90.651520

3.5494523,-0.134895,9.758230,1.175773,9.829736,83.130180,90.791992

3.5519683,-0.079860,9.784850,1.173380,9.855278,83.162079,90.467621

3.5544846,-0.010469,9.806385,1.147059,9.873248,83.328392,90.061165

3.5570009,0.001496,9.796814,1.199701,9.869997,83.018417,89.991257

3.5595169,-0.010469,9.787243,1.204487,9.861086,82.984062,90.061287

3.5620329,-0.041575,9.782457,1.163809,9.851531,83.215530,90.243507

3.5645492,-0.020040,9.777672,1.166202,9.846994,83.198364,90.117432

3.5670652,0.006281,9.799207,1.170988,9.868926,83.185570,89.963272

3.5695782,0.020638,9.789636,1.204487,9.863478,82.985771,89.879211

3.5720911,0.039781,9.770494,1.199701,9.843953,82.999855,89.766724

3.5746074,0.003888,9.712767,1.187737,9.785120,83.028130,89.977066

3.5771232,0.034995,9.739087,1.154238,9.807309,83.241104,89.794121

3.5796392,0.018245,9.772886,1.214058,9.848024,82.918594,89.893036

3.5821552,0.008674,9.755837,1.206880,9.830209,82.947861,89.949059

3.5846710,-0.012861,9.717552,1.204487,9.791924,82.934250,90.075829

3.5871875,-0.020040,9.760623,1.187737,9.832644,83.061996,90.117638

3.5897248,-0.024826,9.777672,1.194916,9.850448,83.032532,90.145477

3.5922415,-0.039182,9.739087,1.228415,9.816331,82.811165,90.230515

3.5947580,-0.043968,9.755837,1.194916,9.828841,83.017143,90.258224

3.5972745,-0.079860,9.763016,1.237987,9.841517,82.773491,90.468666

3.5997913,-0.139681,9.787243,1.214058,9.863243,82.929581,90.817657

3.6023078,-0.166002,9.827921,1.237987,9.906977,82.821495,90.967682

3.6048243,-0.137288,9.859028,1.218844,9.935032,82.953117,90.797798

3.6073411,0.020638,9.703195,1.230808,9.780966,82.770905,89.878136

3.6098573,-0.012861,9.679267,1.194916,9.752753,82.962387,90.076134

3.6123309,-0.034397,9.722338,1.204487,9.796725,82.937737,90.202705

3.6148465,-0.084646,9.772886,1.242772,9.851952,82.753128,90.496246

3.6173618,-0.106182,9.782457,1.240379,9.861354,82.774094,90.621880

3.6198773,-0.082253,9.768100,1.237987,9.846581,82.777229,90.482452

3.6223929,-0.065504,9.782457,1.204487,9.856548,82.980812,90.383644

3.6249084,-0.048754,9.782457,1.214058,9.857626,82.925529,90.285545

3.6274240,-0.058325,9.801600,1.247558,9.880848,82.746460,90.340935

3.6299396,-0.020040,9.813564,1.223630,9.889576,82.892624,90.117004

3.6324522,-0.039182,9.818350,1.221237,9.894086,82.909843,90.228653

3.6349678,-0.024826,9.787243,1.254736,9.867375,82.694481,90.145332

3.6374831,0.030209,9.768100,1.230808,9.845384,82.818451,89.822807

3.6399987,0.003888,9.717552,1.257129,9.798532,82.628761,89.977074

3.6425140,0.008674,9.770494,1.271486,9.852882,82.585464,89.949135

3.6450295,0.037388,9.763016,1.245165,9.842170,82.731850,89.780586

3.6475451,0.054138,9.780065,1.261915,9.861289,82.647896,89.682838

3.6500604,0.075972,9.780065,1.264308,9.861740,82.634216,89.554932

3.6525769,0.099900,9.796814,1.218844,9.872848,82.908508,89.415764

3.6550925,0.099900,9.775279,1.226022,9.852370,82.851624,89.414474

3.6576078,0.111864,9.780065,1.269093,9.862696,82.606903,89.344681

3.6601233,0.104686,9.777672,1.252344,9.858103,82.701599,89.386581

3.6626387,0.114257,9.830314,1.254736,9.910726,82.726616,89.334084

3.6651542,0.128614,9.818350,1.223630,9.895141,82.896645,89.249504

3.6676700,0.133400,9.818350,1.197309,9.891983,83.047974,89.221581

3.6701853,0.109472,9.813564,1.211666,9.888689,82.961838,89.360886

3.6726959,0.119043,9.835099,1.216451,9.910757,82.949707,89.306534

3.6752114,0.121436,9.849456,1.209273,9.924156,83.001030,89.293625

3.6777265,0.099900,9.849456,1.199701,9.922754,83.055717,89.418884

3.6802421,0.092722,9.815957,1.209273,9.890599,82.977165,89.458801

3.6827574,0.102293,9.818350,1.206880,9.892776,82.992683,89.403084

3.6852727,0.104686,9.847063,1.180559,9.918132,83.163857,89.390900

3.6877882,0.083151,9.830314,1.154238,9.898194,83.303452,89.515373

3.6903033,0.121436,9.832706,1.159024,9.901525,83.277832,89.292419

3.6928172,0.083151,9.847063,1.161416,9.915667,83.273537,89.516197

3.6953325,0.111864,9.832706,1.218844,9.908592,82.934219,89.348190

3.6978478,0.114257,9.866206,1.180559,9.937243,83.177063,89.336510

3.7003632,0.095115,9.847063,1.204487,9.920912,83.026581,89.446587

3.7028787,0.097508,9.835099,1.197309,9.908190,83.059395,89.431976

3.7053938,0.107079,9.830314,1.211666,9.905285,82.973686,89.375916

3.7079093,0.095115,9.811171,1.192523,9.883837,83.070160,89.444565

3.7104244,0.102293,9.847063,1.233201,9.924510,82.862083,89.404823

3.7129416,0.090329,9.825528,1.194916,9.898333,83.066406,89.473274

3.7154570,0.116650,9.839885,1.192523,9.912571,83.090347,89.320801

3.7179723,0.123829,9.830314,1.206880,9.904896,83.001297,89.278305

3.7204878,0.159721,9.830314,1.178166,9.901953,83.166573,89.069153

3.7230031,0.164507,9.796814,1.185344,9.869634,83.102119,89.037987

3.7255185,0.133400,9.849456,1.182952,9.921137,83.152016,89.224037

3.7280338,0.162114,9.832706,1.221237,9.909582,82.920990,89.055435

3.7305491,0.150150,9.770494,1.204487,9.845602,82.972969,89.119568

3.7330620,0.169292,9.825528,1.226022,9.903171,82.888481,89.012901

3.7355773,0.171685,9.823135,1.259522,9.905042,82.694511,88.998711

3.7380927,0.224327,9.789636,1.269093,9.874102,82.615494,88.687309

3.7406080,0.186042,9.827921,1.218844,9.904960,82.931618,88.915527

3.7431233,0.176471,9.801600,1.202094,9.876615,83.009132,88.968544

3.7456386,0.188435,9.784850,1.194916,9.859343,83.038849,88.896744

3.7481537,0.219541,9.751051,1.202094,9.827320,82.973885,88.710220

3.7506692,0.238684,9.753445,1.166202,9.825817,83.183640,88.598152

3.7531881,0.214756,9.777672,1.147059,9.847067,83.310577,88.741760

3.7557037,0.231506,9.780065,1.154238,9.850661,83.270988,88.643997

3.7582192,0.214756,9.717552,1.147059,9.787374,83.269592,88.733978

3.7607343,0.214756,9.765409,1.132702,9.833226,83.385338,88.740181

3.7632499,0.224327,9.743873,1.108774,9.809319,83.509834,88.681145

3.7657652,0.198006,9.729516,1.094417,9.792877,83.583420,88.834129

3.7682807,0.193220,9.727123,1.087239,9.789604,83.623543,88.862022

3.7707963,0.186042,9.719945,1.108774,9.784750,83.493462,88.903481

3.7733073,0.147757,9.698409,1.115953,9.763520,83.436852,89.127159

3.7758226,0.147757,9.746265,1.084846,9.807570,83.649338,89.131439

3.7783380,0.121436,9.719945,1.044168,9.776624,83.868973,89.284218

3.7808535,0.164507,9.731909,1.089632,9.794101,83.612396,89.031570

3.7833686,0.169292,9.765409,1.120738,9.830968,83.454002,89.006828

3.7858839,0.128614,9.746265,1.065703,9.805201,83.760338,89.243958

3.7883992,0.114257,9.743873,1.056132,9.801608,83.814316,89.328178

3.7909145,0.126221,9.758230,1.080060,9.818631,83.684624,89.258926

3.7934284,0.087936,9.770494,1.072882,9.829617,83.733803,89.484344

3.7959435,0.083151,9.799207,1.084846,9.859425,83.682877,89.513832

3.7984591,0.063709,9.787243,1.084846,9.847389,83.675125,89.627045

3.8009741,0.054138,9.763016,1.089632,9.823782,83.631783,89.682289

3.8034894,0.034995,9.789636,1.106381,9.852019,83.552086,89.795189

3.8060045,0.046959,9.825528,1.103989,9.887466,83.589249,89.726166

3.8085201,0.018245,9.815957,1.135095,9.881386,83.403755,89.893501

3.8110354,0.018245,9.796814,1.130310,9.861820,83.418594,89.893295

3.8135498,-0.015254,9.806385,1.147059,9.873255,83.328400,90.089127

3.8160648,-0.043968,9.796814,1.161416,9.865515,83.239182,90.257141

3.8185804,-0.024826,9.825528,1.182952,9.896514,83.134895,90.144768

3.8210955,-0.046361,9.813564,1.199701,9.886733,83.030289,90.270676

3.8236108,-0.087039,9.808778,1.187737,9.880811,83.095978,90.508408

3.8261259,-0.065504,9.818350,1.159024,9.886740,83.267731,90.382248

3.8286412,-0.060718,9.806385,1.173380,9.876522,83.176857,90.354752

3.8311563,-0.087039,9.799207,1.182952,9.870735,83.116882,90.508904

3.8336689,-0.094217,9.806385,1.178166,9.877355,83.149475,90.550468

3.8361840,-0.075075,9.753445,1.137488,9.819837,83.348167,90.441010

3.8386991,-0.084646,9.746265,1.130310,9.811954,83.385002,90.497597

3.8412144,-0.067896,9.792028,1.125524,9.856735,83.443192,90.397270

3.8437295,-0.087039,9.768100,1.111167,9.831482,83.510490,90.510521

3.8462448,-0.122931,9.768100,1.106381,9.831326,83.538452,90.721031

3.8487599,-0.130110,9.792028,1.113560,9.856001,83.512703,90.761261

3.8512752,-0.139681,9.729516,1.127917,9.795671,83.388046,90.822502

3.8537958,-0.139681,9.698409,1.058525,9.757004,83.771797,90.825142

3.8563108,-0.120538,9.707980,1.068096,9.767304,83.721909,90.711372

3.8588262,-0.113360,9.722338,1.044168,9.778905,83.870407,90.668022

3.8613415,-0.144467,9.736694,1.070489,9.796430,83.726570,90.850052

3.8638568,-0.122931,9.710373,1.034597,9.766107,83.918816,90.725311

3.8663723,-0.144467,9.717552,1.000798,9.770020,84.120560,90.851730

3.8688874,-0.154038,9.717552,1.017847,9.771927,84.021210,90.908150

3.8714030,-0.161216,9.693624,0.967299,9.743100,84.302269,90.952812

3.8739121,-0.137288,9.719945,0.964906,9.768686,84.331345,90.809212

3.8764274,-0.115753,9.736694,0.969691,9.785546,84.312981,90.681114

3.8789427,-0.151645,9.743873,0.991227,9.795335,84.192085,90.891632

3.8814578,-0.180359,9.763016,1.010369,9.816814,84.092522,91.058342

3.8839731,-0.185145,9.736694,1.015454,9.791253,84.047134,91.089355

3.8864882,-0.137288,9.772886,0.969691,9.821836,84.334068,90.804832

3.8890035,-0.151645,9.775279,0.979263,9.825377,84.280022,90.888763

3.8915186,-0.168395,9.755837,1.034597,9.811988,83.947365,90.988884

3.8940339,-0.166002,9.770494,1.039382,9.827024,83.928596,90.973373

3.8965487,-0.142074,9.799207,1.017847,9.852951,84.070549,90.830643

3.8990641,-0.158824,9.751051,1.034597,9.807069,83.944313,90.933144

3.9015791,-0.156431,9.763016,1.032204,9.818675,83.965538,90.917961

3.9040945,-0.158824,9.789636,1.041775,9.846191,83.926460,90.929466

3.9066095,-0.130110,9.748658,1.058525,9.806821,83.803558,90.764648

3.9091249,-0.134895,9.787243,1.058525,9.845243,83.827835,90.789642

3.9116399,-0.122931,9.799207,1.044168,9.855448,83.918198,90.718742

3.9141562,-0.125324,9.751051,1.058525,9.809137,83.805023,90.736343

3.9166713,-0.094217,9.772886,1.036990,9.828201,83.943352,90.552353

3.9191868,-0.118146,9.777672,1.058525,9.835512,83.821701,90.692284

3.9217017,-0.125324,9.743873,1.058525,9.802002,83.800499,90.736885

3.9242170,-0.101396,9.707980,1.082453,9.768668,83.638069,90.598412

3.9267321,-0.082253,9.748658,1.039382,9.804255,83.914444,90.483414

3.9292474,-0.091825,9.731909,1.048954,9.788707,83.848396,90.540596

3.9317627,-0.055932,9.734302,1.063311,9.792364,83.766205,90.329208

3.9342771,-0.065504,9.772886,1.051346,9.829493,83.859993,90.384026

3.9367921,-0.063111,9.734302,1.025025,9.788324,83.989014,90.371460

3.9393075,-0.036790,9.715159,1.017847,9.768402,84.019043,90.216965

3.9418225,-0.060718,9.736694,0.972084,9.785287,84.298752,90.357292

3.9443376,-0.048754,9.751051,1.017847,9.804152,84.040932,90.286469

3.9468527,-0.067896,9.722338,1.029811,9.776961,83.953796,90.400124

3.9493680,-0.070289,9.686445,1.039382,9.742304,83.875595,90.415756

3.9518831,-0.096610,9.734302,0.991227,9.785115,84.185997,90.568626

3.9544063,-0.063111,9.753445,0.974477,9.802208,84.294571,90.370735

3.9569216,-0.065504,9.760623,1.025025,9.814516,84.005112,90.384506

3.9594369,-0.122931,9.753445,0.984048,9.803732,84.239243,90.722115

3.9619524,-0.070289,9.763016,1.010369,9.815410,84.091675,90.412498

3.9644675,-0.058325,9.787243,1.027418,9.841195,84.007416,90.341438

3.9669831,-0.065504,9.796814,1.020240,9.850012,84.054787,90.383087

3.9694984,-0.027218,9.772886,0.984048,9.822342,84.250191,90.159576

3.9720140,-0.075075,9.758230,1.007977,9.810439,84.102722,90.440796

3.9745245,-0.075075,9.818350,1.010369,9.870485,84.124756,90.438095

3.9770401,-0.053539,9.815957,1.034597,9.870475,83.983360,90.312508

3.9795551,0.008674,9.837492,1.041775,9.892503,83.955002,89.949478

3.9820704,-0.022433,9.837492,1.039382,9.892273,83.968796,90.130653

3.9845855,-0.005683,9.815957,1.020240,9.868836,84.066162,90.033173

3.9871011,-0.005683,9.835099,1.025025,9.888371,84.050049,90.033104

3.9896162,0.003888,9.815957,1.036990,9.870582,83.969460,89.977303

3.9921315,0.032602,9.830314,1.058525,9.887194,83.854126,89.809982

3.9946473,0.037388,9.775279,1.048954,9.831469,83.875259,89.780861

3.9971626,0.018245,9.799207,1.056132,9.855973,83.848572,89.893318

3.9996779,0.025424,9.823135,1.053739,9.879524,83.877251,89.851707

4.0021930,0.003888,9.823135,1.065703,9.880775,83.808250,89.977318

4.0047083,0.037388,9.799207,1.015454,9.851750,84.083817,89.781395

4.0072236,0.037388,9.803992,1.063311,9.861556,83.810120,89.781502

4.0097389,0.015852,9.780065,1.056132,9.836937,83.836624,89.907127

4.0122542,0.034995,9.736694,1.060918,9.794386,83.781578,89.794075

4.0147691,-0.003290,9.743873,1.034597,9.798645,83.939087,90.019348

4.0172844,0.006281,9.700802,1.032204,9.755565,83.926353,89.962898

4.0197997,0.023031,9.722338,1.068096,9.780860,83.730644,89.864273

4.0223150,0.001496,9.712767,1.087239,9.773430,83.612946,89.991180

4.0248299,0.020638,9.655338,1.032204,9.710378,83.897987,89.877533

4.0273457,0.015852,9.691231,1.017847,9.744548,84.004349,89.906281

4.0298610,0.008674,9.698409,1.032204,9.753187,83.924866,89.948753

4.0323758,0.015852,9.674481,1.029811,9.729150,83.923973,89.906113

4.0348887,0.003888,9.698409,1.020240,9.751925,83.994766,89.977028

4.0374036,-0.008076,9.669696,1.022633,9.723624,83.963043,90.047852

4.0399189,0.003888,9.645767,1.012762,9.698790,84.006165,89.976906

4.0424337,0.023031,9.643374,1.003191,9.695442,84.060959,89.863159

4.0449491,0.023031,9.707980,0.967299,9.756080,84.309875,89.864075

4.0474644,-0.010469,9.696016,1.003191,9.747781,84.092957,90.061859

4.0499797,0.003888,9.686445,0.998405,9.737764,84.115166,89.976997

4.0524945,-0.024826,9.700802,1.007977,9.753060,84.067902,90.146629

4.0550151,-0.017647,9.743873,0.976870,9.792734,84.274963,90.103767

4.0575304,0.013460,9.746265,0.991227,9.796551,84.192810,89.920876

4.0600457,0.015852,9.724730,0.974477,9.773446,84.277725,89.906601

4.0625610,0.013460,9.763016,1.010369,9.815166,84.091530,89.921013

4.0650764,0.018245,9.751051,0.991227,9.801319,84.195641,89.892792

4.0675917,0.015852,9.777672,1.044168,9.833281,83.904434,89.907104

4.0701070,0.025424,9.799207,1.048954,9.855222,83.890076,89.851349

4.0726223,-0.024826,9.792028,1.027418,9.845813,84.010239,90.145264

4.0751338,0.001496,9.808778,1.005584,9.860188,84.146561,89.991264

4.0776491,-0.032004,9.808778,1.034597,9.863241,83.978928,90.186943

4.0801644,0.011067,9.820743,1.032204,9.874845,83.999992,89.935432

4.0826793,0.001496,9.811171,1.039382,9.866073,83.952721,89.991264

4.0851951,-0.036790,9.823135,1.048954,9.879050,83.904869,90.214584

4.0877099,-0.010469,9.823135,1.044168,9.878481,83.932426,90.061058

4.0902252,0.018245,9.811171,1.032204,9.865335,83.994186,89.893448

4.0927405,-0.008076,9.808778,1.058525,9.865732,83.840698,90.047173

4.0952573,0.001496,9.801600,1.101596,9.863309,83.587471,89.991257

4.0977726,-0.012861,9.801600,1.072882,9.860152,83.753288,90.075180

4.1002879,-0.008076,9.792028,1.053739,9.848566,83.857925,90.047256

4.1028032,-0.017647,9.787243,1.080060,9.846673,83.702675,90.103310

4.1053185,-0.012861,9.789636,1.096810,9.850895,83.607368,90.075272

4.1078339,-0.012861,9.792028,1.113560,9.855151,83.512138,90.075256

4.1103492,0.011067,9.775279,1.118345,9.839049,83.473427,89.935135

4.1128645,-0.000897,9.789636,1.077667,9.848773,83.718033,90.005249

4.1153798,-0.020040,9.794421,1.084846,9.854338,83.679604,90.117233

4.1178946,-0.017647,9.792028,1.092024,9.852749,83.636574,90.103256

4.1204100,-0.005683,9.772886,1.060918,9.830304,83.804390,90.033318

4.1229253,-0.020040,9.780065,1.072882,9.838758,83.739647,90.117401

4.1254406,0.023031,9.743873,1.075275,9.803051,83.702682,89.864571

4.1279559,0.015852,9.753445,1.084846,9.813604,83.653259,89.906876

4.1304712,0.006281,9.748658,1.053739,9.805445,83.830811,89.963081

4.1329865,0.006281,9.753445,1.070489,9.812016,83.736572,89.963104

4.1355062,0.011067,9.768100,1.046561,9.824011,83.884621,89.935089

4.1380215,0.039781,9.765409,1.044168,9.821155,83.896881,89.766602

4.1405368,-0.008076,9.753445,1.070489,9.812018,83.736572,90.047440

4.1430521,0.011067,9.729516,1.048954,9.785904,83.846626,89.934830

4.1455674,0.023031,9.729516,1.053739,9.786439,83.818787,89.864372

4.1480827,0.020638,9.748658,1.060918,9.806238,83.789124,89.878700

4.1505980,0.030209,9.734302,1.034597,9.789174,83.933205,89.822189

4.1531134,0.061316,9.712767,1.017847,9.766146,84.017654,89.638298

4.1556277,0.075972,9.686445,1.068096,9.745452,83.707771,89.550629

4.1581430,0.030209,9.717552,1.048954,9.774050,83.839134,89.821884

4.1606584,0.056530,9.748658,1.029811,9.803063,83.969955,89.667755

4.1631737,0.056530,9.755837,1.070489,9.814556,83.738205,89.667999

4.1656890,0.051745,9.719945,1.034597,9.774988,83.924362,89.694984

4.1682043,0.073579,9.707980,1.017847,9.761471,84.014778,89.565750

4.1707201,0.097508,9.755837,1.044168,9.812041,83.891190,89.427361

4.1732349,0.075972,9.772886,1.060918,9.830597,83.804573,89.554604

4.1757460,0.090329,9.780065,1.051346,9.836826,83.864586,89.470825

4.1782613,0.051745,9.760623,1.060918,9.818248,83.796753,89.696259

4.1807766,0.078365,9.739087,1.063311,9.797275,83.769348,89.538986

4.1832919,0.066102,9.724730,1.048954,9.781363,83.843758,89.610550

4.1858072,0.044566,9.763016,1.077667,9.822414,83.701103,89.738457

4.1883225,0.102293,9.739087,1.032204,9.794168,83.950386,89.398224

4.1908379,0.090329,9.729516,1.015454,9.782780,84.041954,89.468079

4.1933527,0.051745,9.770494,1.063311,9.828319,83.789101,89.696564

4.1958709,0.049352,9.681660,1.111167,9.745340,83.452873,89.707939

4.1983862,0.071186,9.686445,1.053739,9.743853,83.791664,89.578934

4.2009015,0.042173,9.686445,1.094417,9.748166,83.553871,89.750542

4.2034168,0.054138,9.715159,1.010369,9.767707,84.062714,89.680725

4.2059321,0.080758,9.722338,1.082453,9.782744,83.647255,89.524086

4.2084475,0.034995,9.669696,1.099203,9.732035,83.514786,89.792648

4.2109628,0.039781,9.703195,1.103989,9.765877,83.509094,89.765106

4.2134781,0.039781,9.696016,1.118345,9.760380,83.420593,89.764931

4.2159915,0.025424,9.722338,1.120738,9.786754,83.424301,89.850174

4.2185068,0.034995,9.763016,1.106381,9.825568,83.534653,89.794624

4.2210221,0.054138,9.755837,1.099203,9.817716,83.571617,89.682053

4.2235374,0.027817,9.717552,1.113560,9.781186,83.462868,89.835991

4.2260523,0.039781,9.741480,1.125524,9.806366,83.409363,89.766029

4.2285676,0.018245,9.739087,1.123131,9.803651,83.421608,89.892662

4.2310829,0.044566,9.763016,1.149452,9.830549,83.285240,89.738457

4.2335982,0.011067,9.734302,1.099203,9.796172,83.557426,89.934860

4.2361135,0.011067,9.710373,1.118345,9.774567,83.430183,89.934700

4.2386289,-0.005683,9.758230,1.120738,9.822380,83.448257,90.033371

4.2411442,0.015852,9.748658,1.089632,9.809378,83.622391,89.906830

4.2436595,0.011067,9.736694,1.101596,9.798819,83.545090,89.934875

4.2461748,-0.005683,9.724730,1.099203,9.786657,83.551132,90.033485

4.2486897,0.003888,9.760623,1.103989,9.822859,83.546906,89.977173

4.2512054,-0.020040,9.753445,1.120738,9.817645,83.445084,90.117722

4.2537203,-0.034397,9.765409,1.103989,9.827674,83.550087,90.201813

4.2562351,-0.024826,9.741480,1.084846,9.801731,83.645538,90.146011

4.2587504,-0.039182,9.727123,1.111167,9.790462,83.483185,90.230797

4.2612658,-0.058325,9.753445,1.120738,9.817798,83.445183,90.342621

4.2637806,-0.008076,9.784850,1.139881,9.851025,83.355309,90.047287

4.2662964,-0.000897,9.755837,1.137488,9.821926,83.349586,90.005272

4.2688112,-0.024826,9.746265,1.149452,9.813845,83.273758,90.145943

4.2713265,-0.012861,9.772886,1.151845,9.840540,83.278061,90.075401

4.2738419,-0.022433,9.784850,1.115953,9.848307,83.493599,90.131355

4.2763610,-0.015254,9.777672,1.120738,9.841704,83.461174,90.089386

4.2788763,-0.012861,9.780065,1.132702,9.845448,83.393585,90.075348

4.2813916,-0.000897,9.792028,1.154238,9.859822,83.277267,90.005249

4.2839069,0.013460,9.782457,1.159024,9.850888,83.243111,89.921165

4.2864223,-0.005683,9.789636,1.149452,9.856888,83.303268,90.033264

4.2889376,-0.022433,9.763016,1.142274,9.829638,83.326744,90.131653

4.2914529,-0.015254,9.768100,1.120738,9.832195,83.454826,90.089478

4.2939682,-0.003290,9.758230,1.139881,9.824581,83.337349,90.019318

4.2964840,0.023031,9.763016,1.166202,9.832448,83.188255,89.864838

4.2989998,0.039781,9.799207,1.170988,9.869004,83.185623,89.767403

4.3015146,0.008674,9.792028,1.173380,9.862085,83.166824,89.949249

4.3040299,0.013460,9.741480,1.159024,9.810196,83.214958,89.920837

4.3065457,-0.005683,9.748658,1.154238,9.816752,83.247635,90.033401

4.3090611,0.054138,9.746265,1.192523,9.819100,83.024246,89.681740

4.3115764,0.044566,9.734302,1.144667,9.801474,83.293396,89.737686

4.3140912,0.001496,9.715159,1.135095,9.781246,83.335915,89.991180

4.3166080,0.020638,9.724730,1.149452,9.792449,83.258995,89.878403

4.3191233,-0.017647,9.703195,1.168595,9.773327,83.132729,90.104202

4.3216386,-0.000897,9.722338,1.178166,9.793464,83.090508,90.005287

4.3241539,0.011067,9.734302,1.178166,9.805346,83.098923,89.934860

4.3266692,0.042173,9.710373,1.185344,9.782544,83.040405,89.751160

4.3291845,0.020638,9.717552,1.161416,9.786733,83.184502,89.878319

4.3317003,0.039781,9.707980,1.108774,9.771173,83.484383,89.765221

4.3342156,0.025424,9.700802,1.185344,9.772985,83.033569,89.849838

4.3367324,0.044566,9.688838,1.194916,9.762345,82.969337,89.736458

4.3392482,0.037388,9.710373,1.170988,9.780795,83.123878,89.779396

4.3417635,0.015852,9.731909,1.182952,9.803555,83.069481,89.906670

4.3442788,0.037388,9.734302,1.163809,9.803698,83.182266,89.779938

4.3467937,0.046959,9.729516,1.194916,9.802730,82.998451,89.723465

4.3493094,0.042173,9.719945,1.142274,9.786924,83.297485,89.751404

4.3518248,0.080758,9.707980,1.182952,9.780122,83.052795,89.523384

4.3543401,0.054138,9.741480,1.187737,9.813770,83.048584,89.681587

4.3568611,-0.005683,9.741480,1.204487,9.815663,82.951431,90.033424

4.3593774,0.030209,9.717552,1.226022,9.794635,82.809258,89.821884

4.3618927,-0.003290,9.715159,1.178166,9.786338,83.085457,90.019402

4.3644080,0.001496,9.734302,1.202094,9.808245,82.960152,89.991196

4.3669238,-0.005683,9.731909,1.187737,9.804122,83.041710,90.033455

4.3694391,-0.015254,9.751051,1.173380,9.821407,83.138382,90.089630

4.3719549,0.001496,9.724730,1.170988,9.794978,83.133881,89.991188

4.3744707,0.011067,9.736694,1.240379,9.815390,82.740074,89.934875

4.3769798,-0.010469,9.746265,1.230808,9.823680,82.802498,90.061539

4.3794951,0.011067,9.729516,1.221237,9.805866,82.845726,89.934830

4.3820109,-0.017647,9.734302,1.223630,9.810923,82.835342,90.103867

4.3845263,-0.003290,9.758230,1.218844,9.834056,82.880386,90.019318

4.3870416,-0.012861,9.758230,1.182952,9.829679,83.087990,90.075516

4.3895564,0.015852,9.789636,1.218844,9.865232,82.903000,89.907219

4.3920722,0.015852,9.784850,1.199701,9.858135,83.009972,89.907173

4.3945875,-0.010469,9.789636,1.190130,9.861718,83.068542,90.061272

4.3971028,-0.022433,9.794421,1.228415,9.871180,82.851311,90.131226

4.3996186,-0.000897,9.741480,1.223630,9.818029,82.840561,90.005280

4.4021335,-0.003290,9.775279,1.211666,9.850087,82.934113,90.019287

4.4046488,0.011067,9.760623,1.228415,9.837626,82.826805,89.935036

4.4071641,0.011067,9.801600,1.214058,9.876508,82.939125,89.935310

4.4096799,0.018245,9.780065,1.218844,9.855739,82.896133,89.893112

4.4121952,0.008674,9.743873,1.223630,9.820407,82.842300,89.948997

4.4147105,0.049352,9.768100,1.230808,9.845460,82.818504,89.710526

4.4172258,0.034995,9.753445,1.223630,9.829964,82.849297,89.794426

4.4197412,0.042173,9.746265,1.173380,9.816735,83.135101,89.752075

4.4222565,0.025424,9.753445,1.202094,9.827276,82.973854,89.850647

4.4247718,0.051745,9.760623,1.199701,9.834212,82.992882,89.696259

4.4272871,0.006281,9.755837,1.211666,9.830795,82.920174,89.963112

4.4298024,0.003888,9.763016,1.209273,9.837624,82.939156,89.977180

4.4323177,0.044566,9.784850,1.197309,9.857932,83.023842,89.739044

4.4348330,0.066102,9.739087,1.202094,9.813216,82.963737,89.611122

4.4373455,0.030209,9.741480,1.221237,9.817778,82.854446,89.822319

4.4398613,0.011067,9.787243,1.192523,9.859632,83.053062,89.935211

4.4423766,0.018245,9.782457,1.221237,9.858409,82.884048,89.893135

4.4448915,0.020638,9.772886,1.252344,9.852822,82.697662,89.879005

4.4474068,0.025424,9.755837,1.242772,9.834708,82.740356,89.850685

4.4499226,0.008674,9.758230,1.254736,9.838573,82.672981,89.949074

4.4524379,0.034995,9.748658,1.286142,9.833195,82.484406,89.794327

4.4549527,0.030209,9.760623,1.288535,9.845354,82.479698,89.822670

4.4574695,0.039781,9.739087,1.273879,9.822126,82.548042,89.765968

4.4599848,0.063709,9.760623,1.257129,9.841453,82.661087,89.626030

4.4625001,0.011067,9.751051,1.259522,9.832066,82.639984,89.934975

4.4650149,0.039781,9.763016,1.266701,9.844927,82.607529,89.766541

4.4675307,0.058923,9.748658,1.281057,9.832645,82.513870,89.653694

4.4700460,0.063709,9.743873,1.266701,9.826070,82.593262,89.625381

4.4725614,0.066102,9.727123,1.295713,9.813265,82.412682,89.610649

4.4750772,0.058923,9.734302,1.269093,9.816857,82.572189,89.653183

4.4775901,0.032602,9.736694,1.271486,9.819417,82.560059,89.808151

4.4801049,0.034995,9.707980,1.235594,9.786358,82.746666,89.793465

4.4826202,0.049352,9.743873,1.269093,9.826296,82.579361,89.709801

4.4851356,0.049352,9.763016,1.223630,9.839521,82.856277,89.710373

4.4876509,0.078365,9.746265,1.233201,9.824287,82.788879,89.539322

4.4901662,0.066102,9.746265,1.249951,9.826314,82.691925,89.611412

4.4926815,0.083151,9.727123,1.257129,9.808374,82.636200,89.510231

4.4951963,0.037388,9.751051,1.233201,9.828793,82.792206,89.780312

4.4977102,0.039781,9.765409,1.259522,9.846379,82.650742,89.766602

4.5002260,0.051745,9.715159,1.240379,9.794159,82.724251,89.694832

4.5027409,0.051745,9.710373,1.235594,9.788806,82.748489,89.694687

4.5052562,0.046959,9.724730,1.240379,9.803628,82.731316,89.723328

4.5077720,0.075972,9.751051,1.228415,9.828417,82.820045,89.553604

4.5102868,0.049352,9.731909,1.237987,9.810458,82.750488,89.709450

4.5128021,0.049352,9.727123,1.235594,9.805409,82.760834,89.709305

4.5153170,0.044566,9.775279,1.230808,9.852561,82.823708,89.738785

4.5178366,0.054138,9.719945,1.226022,9.797112,82.811089,89.680878

4.5203524,0.092722,9.724730,1.240379,9.803954,82.731560,89.453720

4.5228677,0.071186,9.753445,1.209273,9.828382,82.932487,89.581825

4.5253830,0.083151,9.724730,1.209273,9.799981,82.911896,89.510109

4.5278978,0.114257,9.734302,1.206880,9.809498,82.932892,89.327515

4.5304136,0.109472,9.729516,1.247558,9.809785,82.693634,89.355362

4.5329289,0.092722,9.724730,1.242772,9.804257,82.717690,89.453720

4.5354443,0.114257,9.736694,1.252344,9.817568,82.671295,89.327682

4.5379577,0.085543,9.741480,1.240379,9.820503,82.743874,89.496880

4.5404730,0.104686,9.741480,1.237987,9.820387,82.757858,89.384300

4.5429888,0.121436,9.755837,1.233201,9.834221,82.796204,89.286850

4.5455041,0.107079,9.775279,1.235594,9.853642,82.796455,89.372406

4.5480189,0.135793,9.736694,1.194916,9.810682,83.004150,89.200974

4.5505347,0.154935,9.780065,1.163809,9.850286,83.214668,89.092400

4.5530500,0.140578,9.746265,1.209273,9.822005,82.927872,89.173637

4.5555649,0.126221,9.731909,1.206880,9.807270,82.931282,89.256927

4.5580907,0.133400,9.758230,1.178166,9.830002,83.116318,89.216789

4.5606060,0.142971,9.758230,1.194916,9.832158,83.019508,89.160599

4.5631223,0.140578,9.734302,1.166202,9.804918,83.169037,89.172615

4.5656376,0.157328,9.768100,1.223630,9.845699,82.860786,89.077255

4.5681529,0.121436,9.710373,1.206880,9.785839,82.915718,89.283508

4.5706682,0.166899,9.758230,1.269093,9.841825,82.591141,89.020142

4.5731845,0.157328,9.741480,1.254736,9.823215,82.661461,89.074738

4.5756998,0.154935,9.722338,1.178166,9.794689,83.091377,89.087013

4.5782089,0.157328,9.727123,1.247558,9.808063,82.692345,89.073372

4.5807247,0.138186,9.777672,1.209273,9.853137,82.950333,89.190308

4.5832400,0.164507,9.758230,1.199701,9.833077,82.992073,89.034187

4.5857553,0.152542,9.734302,1.226022,9.812391,82.822342,89.102211

4.5882711,0.159721,9.760623,1.233201,9.839515,82.800102,89.062508

4.5907865,0.154935,9.746265,1.226022,9.824298,82.831085,89.089249

4.5933018,0.140578,9.696016,1.218844,9.773335,82.835922,89.169350

4.5958176,0.147757,9.707980,1.242772,9.788320,82.705765,89.128021

4.5983319,0.162114,9.772886,1.197309,9.847291,83.016266,89.049660

4.6008472,0.159721,9.734302,1.216451,9.811315,82.877884,89.059975

4.6033626,0.135793,9.748658,1.216451,9.825199,82.888000,89.201958

4.6058784,0.131007,9.719945,1.223630,9.797539,82.825508,89.227806

4.6083937,0.145364,9.739087,1.230808,9.817629,82.798042,89.144875

4.6109090,0.159721,9.719945,1.211666,9.796478,82.895248,89.058586

4.6134243,0.133400,9.698409,1.226022,9.776505,82.795853,89.211960

4.6159396,0.135793,9.748658,1.221237,9.825792,82.860306,89.201958

4.6184540,0.092722,9.763016,1.221237,9.839537,82.870331,89.455864

4.6209693,0.097508,9.731909,1.216451,9.808125,82.875557,89.425949

4.6234841,0.104686,9.719945,1.185344,9.792514,83.047523,89.382935

4.6259999,0.111864,9.751051,1.178166,9.822606,83.111107,89.342728

4.6285152,0.111864,9.700802,1.206880,9.776228,82.908722,89.339325

4.6310306,0.109472,9.741480,1.221237,9.818341,82.854858,89.356155

4.6335459,0.142971,9.734302,1.187737,9.807537,83.044144,89.158539

4.6360612,0.133400,9.765409,1.199701,9.839729,82.996834,89.217361

4.6385784,0.121436,9.765409,1.233201,9.843716,82.803192,89.287544

4.6410942,0.121436,9.719945,1.206880,9.795338,82.922623,89.284218

4.6436095,0.154935,9.724730,1.170988,9.796203,83.134743,89.087234

4.6461248,0.119043,9.731909,1.209273,9.807475,82.917343,89.299179

4.6486402,0.121436,9.717552,1.178166,9.789466,83.087677,89.284035

4.6511559,0.152542,9.736694,1.168595,9.807757,83.156952,89.102432

4.6536708,0.169292,9.696016,1.173380,9.768225,83.100845,88.999718

4.6561861,0.159721,9.688838,1.173380,9.760939,83.095673,89.055565

4.6587024,0.205185,9.719945,1.178166,9.793238,83.090347,88.790688

4.6612172,0.154935,9.736694,1.182952,9.809515,83.073715,89.088356

4.6637325,0.142971,9.710373,1.180559,9.782919,83.068909,89.156464

4.6662478,0.157328,9.715159,1.187737,9.788758,83.030739,89.072227

4.6687636,0.152542,9.727123,1.202094,9.802307,82.955872,89.101555

4.6712790,0.116650,9.681660,1.206880,9.757290,82.894882,89.309700

4.6737943,0.142971,9.693624,1.192523,9.767748,82.987389,89.155006

4.6763101,0.154935,9.717552,1.211666,9.794026,82.893463,89.086563

4.6788263,0.107079,9.719945,1.202094,9.794581,82.950287,89.368835

4.6813416,0.090329,9.731909,1.190130,9.804827,83.028130,89.468208

4.6838574,0.109472,9.698409,1.190130,9.771772,83.004425,89.353294

4.6863728,0.102293,9.734302,1.206880,9.809365,82.932793,89.397926

4.6888881,0.092722,9.746265,1.209273,9.821438,82.927460,89.454926

4.6914039,0.085543,9.748658,1.185344,9.820830,83.067673,89.497246

4.6939192,0.097508,9.731909,1.206880,9.806942,82.931038,89.425949

4.6964345,0.080758,9.746265,1.187737,9.818704,83.052094,89.525253

4.6989431,0.071186,9.722338,1.175773,9.793435,83.104591,89.580490

4.7014589,0.083151,9.748658,1.199701,9.822553,82.984520,89.511314

4.7039742,0.104686,9.772886,1.192523,9.845932,83.043350,89.386276

4.7064891,0.147757,9.743873,1.151845,9.812830,83.258995,89.131226

4.7090049,0.152542,9.736694,1.142274,9.804656,83.309669,89.102432

4.7115202,0.142971,9.722338,1.156631,9.791940,83.216347,89.157501

4.7140350,0.133400,9.770494,1.156631,9.839620,83.249367,89.217773

4.7165504,0.150150,9.743873,1.163809,9.814278,83.189651,89.117165

4.7190690,0.119043,9.712767,1.166202,9.783253,83.153839,89.297798

4.7215838,0.133400,9.743873,1.154238,9.812905,83.244972,89.215630

4.7240996,0.152542,9.777672,1.185344,9.850441,83.088615,89.106194

4.7266150,0.111864,9.748658,1.156631,9.817670,83.234207,89.342567

4.7291303,0.145364,9.775279,1.139881,9.842588,83.349594,89.148041

4.7316456,0.126221,9.763016,1.168595,9.833515,83.174957,89.259293

4.7341609,0.119043,9.751051,1.163809,9.820978,83.194321,89.300552

4.7366762,0.128614,9.724730,1.166202,9.795251,83.162270,89.242279

4.7391949,0.133400,9.722338,1.194916,9.796401,82.993904,89.213898

4.7417102,0.087936,9.746265,1.151845,9.814487,83.260139,89.483063

4.7442255,0.142971,9.729516,1.151845,9.798503,83.249092,89.158127

4.7467413,0.135793,9.741480,1.159024,9.811127,83.215599,89.201370

4.7492566,0.111864,9.707980,1.161416,9.777846,83.178276,89.339813

4.7517719,0.102293,9.724730,1.123131,9.789907,83.412331,89.397339

4.7542877,0.116650,9.719945,1.135095,9.786695,83.339645,89.312424

4.7568030,0.119043,9.763016,1.135095,9.829501,83.368782,89.301414

4.7593184,0.109472,9.765409,1.147059,9.833155,83.301071,89.357735

4.7618337,0.095115,9.741480,1.111167,9.805110,83.492958,89.440590

4.7643495,0.090329,9.734302,1.123131,9.799296,83.418671,89.468338

4.7668648,0.078365,9.724730,1.137488,9.791343,83.328720,89.538300

4.7693801,0.109472,9.739087,1.151845,9.807576,83.255363,89.355995

4.7718959,0.123829,9.760623,1.166202,9.830825,83.187126,89.273155

4.7744112,0.107079,9.741480,1.151845,9.809926,83.256989,89.370224

4.7769265,0.073579,9.719945,1.161416,9.789363,83.186340,89.566284

4.7794428,0.063709,9.751051,1.175773,9.821889,83.124664,89.625664

4.7819581,0.116650,9.717552,1.123131,9.782937,83.407616,89.312248

4.7844734,0.092722,9.729516,1.185344,9.801894,83.054214,89.453987

4.7869887,0.071186,9.743873,1.190130,9.816544,83.036491,89.581421

4.7895045,0.095115,9.712767,1.159024,9.782138,83.195404,89.438934

4.7920198,0.090329,9.731909,1.204487,9.806580,82.944862,89.468208

4.7945352,0.068794,9.727123,1.182952,9.799032,83.066269,89.594788

4.7970510,0.083151,9.707980,1.147059,9.775865,83.261627,89.509262

4.7995663,0.071186,9.734302,1.161416,9.803600,83.196289,89.581009

4.8020816,0.087936,9.724730,1.192523,9.797971,83.009125,89.481918

4.8045969,0.119043,9.734302,1.178166,9.806063,83.099434,89.299355

4.8071127,0.083151,9.753445,1.163809,9.822986,83.195717,89.511551

4.8096280,0.058923,9.748658,1.151845,9.816647,83.261627,89.653694

4.8121433,0.095115,9.712767,1.173380,9.783850,83.111916,89.438934

4.8146591,0.058923,9.729516,1.139881,9.796238,83.317978,89.653015

4.8171744,0.066102,9.763016,1.149452,9.830671,83.285324,89.612076

4.8196969,0.046959,9.751051,1.151845,9.818958,83.263222,89.724075

4.8222127,0.039781,9.746265,1.168595,9.816154,83.162827,89.766144

4.8247280,0.037388,9.755837,1.161416,9.824798,83.211037,89.780426

4.8272438,0.049352,9.746265,1.127917,9.811439,83.398720,89.709877

4.8297591,0.046959,9.751051,1.137488,9.817285,83.346428,89.724075

4.8322749,0.042173,9.746265,1.156631,9.814747,83.232185,89.752075

4.8347907,0.030209,9.808778,1.159024,9.877063,83.261101,89.823540

4.8373060,0.018245,9.787243,1.111167,9.850135,83.522827,89.893188

4.8398156,0.054138,9.746265,1.132702,9.812015,83.370972,89.681740

4.8423309,0.042173,9.739087,1.156631,9.807619,83.227242,89.751892

4.8448462,0.030209,9.760623,1.159024,9.829243,83.228165,89.822670

4.8473620,0.073579,9.787243,1.159024,9.855906,83.246567,89.569267

4.8498774,0.090329,9.753445,1.132702,9.819412,83.375992,89.469383

4.8523927,0.095115,9.746265,1.139881,9.813158,83.329552,89.440865

4.8549085,0.071186,9.787243,1.154238,9.855327,83.274185,89.583275

4.8574238,0.109472,9.746265,1.161416,9.815832,83.204803,89.356468

4.8599358,0.147757,9.748658,1.142274,9.816463,83.317749,89.131653

4.8624511,0.116650,9.751051,1.111167,9.814851,83.499443,89.314613

4.8649664,0.099900,9.782457,1.147059,9.849984,83.312569,89.414902

4.8674822,0.099900,9.755837,1.156631,9.824670,83.239052,89.413307

4.8699975,0.123829,9.719945,1.149452,9.788458,83.256233,89.270111

4.8725128,0.121436,9.784850,1.149452,9.852882,83.300529,89.288963

4.8750277,0.090329,9.753445,1.127917,9.818861,83.403732,89.469383

4.8775434,0.107079,9.724730,1.175773,9.796137,83.106499,89.369141

4.8800607,0.104686,9.715159,1.161416,9.784895,83.183220,89.382629

4.8825755,0.083151,9.686445,1.147059,9.754480,83.246788,89.508171

4.8850913,0.087936,9.715159,1.170988,9.785872,83.127457,89.481407

4.8876066,0.109472,9.731909,1.168595,9.802431,83.153214,89.355522

4.8901219,0.087936,9.729516,1.168595,9.799838,83.151390,89.482170

4.8926377,0.066102,9.715159,1.163809,9.784842,83.169067,89.610168

4.8951530,0.051745,9.700802,1.194916,9.774255,82.977951,89.694382

4.8976684,0.046959,9.710373,1.180559,9.781987,83.068245,89.722923

4.9001846,0.058923,9.763016,1.159024,9.831749,83.229897,89.654205

4.9026999,0.006281,9.760623,1.161416,9.829480,83.214279,89.963127

4.9052153,0.034995,9.755837,1.178166,9.826783,83.114052,89.794479

4.9077306,0.044566,9.724730,1.192523,9.797677,83.008919,89.737427

4.9102464,0.027817,9.691231,1.180559,9.762912,83.054634,89.835548

4.9127617,-0.000897,9.719945,1.192523,9.792827,83.005440,90.005287

4.9152770,0.008674,9.724730,1.206880,9.799337,82.925529,89.948898

4.9177928,0.013460,9.748658,1.187737,9.820756,83.053558,89.920891

4.9203067,0.030209,9.722338,1.137488,9.788700,83.326912,89.821968

4.9228220,0.049352,9.722338,1.187737,9.794744,83.035019,89.709160

4.9253373,0.025424,9.753445,1.166202,9.822950,83.181641,89.850647

4.9278531,0.013460,9.746265,1.197309,9.819543,82.996429,89.920876

4.9303679,0.034995,9.729516,1.199701,9.803265,82.970650,89.793922

4.9328833,0.044566,9.758230,1.202094,9.832094,82.977318,89.738327

4.9353986,0.066102,9.751051,1.161416,9.820196,83.207840,89.611603

4.9379144,0.037388,9.763016,1.159024,9.831643,83.229828,89.780586

4.9404306,0.058923,9.748658,1.161416,9.817775,83.206154,89.653694

4.9429455,0.006281,9.739087,1.175773,9.809806,83.116158,89.963051

4.9454613,0.020638,9.748658,1.206880,9.823102,82.942726,89.878700

4.9479766,0.027817,9.763016,1.170988,9.833029,83.160576,89.836754

4.9504919,0.054138,9.743873,1.159024,9.812713,83.216705,89.681664

4.9530077,0.063709,9.758230,1.147059,9.825623,83.295906,89.625938

4.9555230,0.068794,9.743873,1.156631,9.812521,83.230644,89.595490

4.9580383,0.066102,9.741480,1.197309,9.815006,82.993179,89.611221

4.9605560,0.015852,9.739087,1.168595,9.808959,83.157791,89.906738

4.9630713,0.061316,9.743873,1.156631,9.812472,83.230606,89.639458

4.9655867,0.092722,9.787243,1.154238,9.855506,83.274307,89.457207

4.9681025,0.066102,9.777672,1.151845,9.845506,83.281471,89.612656

4.9706178,0.044566,9.753445,1.166202,9.823018,83.181686,89.738197

4.9731331,0.066102,9.731909,1.154238,9.800342,83.236275,89.610840

4.9756484,0.061316,9.746265,1.135095,9.812334,83.357124,89.639542

4.9781642,0.092722,9.753445,1.147059,9.821101,83.292809,89.455330

4.9806776,0.054138,9.719945,1.168595,9.790091,83.144539,89.680878

4.9831929,0.068794,9.751051,1.194916,9.824233,83.013847,89.595787

4.9857082,0.068794,9.770494,1.178166,9.841512,83.124405,89.596588

4.9882240,0.071186,9.751051,1.168595,9.821083,83.166275,89.581726

4.9907393,0.083151,9.715159,1.142274,9.782434,83.294395,89.509628

4.9932547,0.092722,9.751051,1.170988,9.821548,83.152542,89.455193

4.9957705,0.073579,9.763016,1.168595,9.832980,83.174583,89.568199

4.9982858,0.066102,9.729516,1.163809,9.799097,83.179054,89.610741

5.0008006,0.090329,9.748658,1.166202,9.818581,83.178589,89.469124

5.0033159,0.107079,9.743873,1.137488,9.810627,83.341896,89.370384

5.0058317,0.085543,9.748658,1.199701,9.822573,82.984535,89.497246

5.0083470,0.097508,9.739087,1.151845,9.807449,83.255280,89.426376

5.0108624,0.102293,9.753445,1.161416,9.822884,83.209702,89.399109

5.0133781,0.102293,9.758230,1.166202,9.828202,83.185303,89.399406

5.0158935,0.107079,9.763016,1.159024,9.832155,83.230179,89.371620

5.0184088,0.145364,9.748658,1.147059,9.816986,83.289986,89.145714

5.0209270,0.138186,9.751051,1.137488,9.818145,83.347015,89.188095

5.0234423,0.133400,9.753445,1.154238,9.822411,83.251541,89.216400

5.0259576,0.169292,9.736694,1.202094,9.812079,82.962921,89.003899

5.0284734,0.138186,9.768100,1.159024,9.837591,83.233940,89.189514

5.0309887,0.171685,9.717552,1.132702,9.784851,83.352493,88.987831

5.0335040,0.178863,9.741480,1.115953,9.806823,83.465958,88.948112

5.0360198,0.169292,9.717552,1.139881,9.785644,83.310715,89.001938

5.0385351,0.186042,9.717552,1.182952,9.791058,83.060593,88.903206

5.0410447,0.174078,9.719945,1.185344,9.793502,83.048233,88.973976

5.0435605,0.147757,9.758230,1.147059,9.826528,83.296532,89.132507

5.0460758,0.195613,9.746265,1.139881,9.814647,83.330574,88.850197

5.0485911,0.190828,9.734302,1.137488,9.802394,83.336281,88.876938

5.0511060,0.152542,9.746265,1.142274,9.814160,83.316177,89.103317

5.0536218,0.190828,9.727123,1.147059,9.796381,83.275803,88.876114

5.0561371,0.181256,9.717552,1.187737,9.791547,83.032730,88.931419

5.0586524,0.202792,9.743873,1.139881,9.812416,83.329048,88.807716

5.0611706,0.205185,9.777672,1.185344,9.851397,83.089287,88.797821

5.0636859,0.190828,9.751051,1.149452,9.820420,83.278282,88.878868

5.0662017,0.181256,9.739087,1.156631,9.809203,83.228340,88.933777

5.0687170,0.190828,9.763016,1.185344,9.836561,83.078812,88.880241

5.0712323,0.209970,9.760623,1.187737,9.834865,83.063568,88.767647

5.0737476,0.238684,9.758230,1.206880,9.835476,82.951653,88.598839

5.0762634,0.207577,9.729516,1.204487,9.805986,82.944435,88.777794

5.0787783,0.183649,9.746265,1.202094,9.821836,82.969948,88.920502

5.0812721,0.176471,9.748658,1.185344,9.822042,83.068535,88.962944

5.0837870,0.174078,9.712767,1.204487,9.788714,82.931923,88.973221

5.0863023,0.171685,9.724730,1.223630,9.802914,82.829460,88.988579

5.0888171,0.154935,9.792028,1.197309,9.866173,83.029694,89.093506

5.0913320,0.200399,9.736694,1.202094,9.812666,82.963341,88.820915

5.0938463,0.147757,9.700802,1.230808,9.779687,82.769951,89.127373

5.0963612,0.131007,9.717552,1.257129,9.799406,82.629425,89.227615

5.0988765,0.190828,9.770494,1.264308,9.853803,82.628250,88.881096

5.1014166,0.166899,9.729516,1.211666,9.806093,82.902252,89.017250

5.1039324,0.164507,9.698409,1.247558,9.779703,82.671036,89.028229

5.1064477,0.147757,9.712767,1.218844,9.790059,82.848228,89.128448

5.1089630,0.145364,9.703195,1.233201,9.782326,82.757782,89.141716

5.1114788,0.131007,9.707980,1.226022,9.785968,82.802856,89.226852

5.1139941,0.114257,9.722338,1.221237,9.799404,82.840981,89.326691

5.1165094,0.102293,9.724730,1.197309,9.798694,82.981453,89.397339

5.1190257,0.126221,9.727123,1.199701,9.801640,82.969482,89.256561

5.1215391,0.147757,9.712767,1.230808,9.791555,82.778763,89.128448

5.1240544,0.135793,9.734302,1.218844,9.811252,82.863754,89.200783

5.1265697,0.095115,9.746265,1.190130,9.819121,83.038330,89.440865

5.1290851,0.114257,9.760623,1.204487,9.835324,82.965591,89.329330

5.1316009,0.121436,9.729516,1.178166,9.801342,83.096092,89.284920

5.1341166,0.123829,9.751051,1.173380,9.822177,83.138924,89.272438

5.1366320,0.116650,9.784850,1.142274,9.851989,83.341957,89.316978

5.1391478,0.128614,9.808778,1.170988,9.879265,83.192734,89.248772

5.1416636,0.133400,9.770494,1.206880,9.845654,82.958977,89.217773

5.1441789,0.116650,9.743873,1.214058,9.819908,82.898216,89.314110

5.1466947,0.133400,9.796814,1.178166,9.868304,83.143166,89.219872

5.1492100,0.150150,9.813564,1.192523,9.886895,83.072311,89.123428

5.1517253,0.152542,9.772886,1.190130,9.846268,83.057617,89.105759

5.1542411,0.159721,9.792028,1.211666,9.868002,82.947006,89.065514

5.1567564,0.150150,9.813564,1.202094,9.888055,83.017258,89.123428

5.1592717,0.150150,9.763016,1.209273,9.838768,82.939980,89.118896

5.1617870,0.138186,9.803992,1.245165,9.883714,82.762558,89.192482

5.1643028,0.193220,9.801600,1.223630,9.879572,82.885391,88.870667

5.1668181,0.221934,9.803992,1.197309,9.879325,83.039017,88.703209

5.1693335,0.226720,9.813564,1.223630,9.892154,82.894485,88.676544

5.1718493,0.214756,9.799207,1.228415,9.878238,82.856453,88.744530

5.1743646,0.205185,9.818350,1.237987,9.898217,82.815102,88.802803

5.1768799,0.248255,9.794421,1.245165,9.876373,82.757149,88.548058

5.1793957,0.243470,9.799207,1.221237,9.878014,82.898247,88.576729

5.1819110,0.229113,9.787243,1.218844,9.865505,82.903198,88.658989

5.1844263,0.233898,9.768100,1.247558,9.850223,82.723793,88.628304

5.1869416,0.224327,9.763016,1.266701,9.847403,82.609398,88.683731

5.1894574,0.269791,9.758230,1.286142,9.846319,82.494484,88.416321

5.1919727,0.262612,9.743873,1.266701,9.829371,82.595764,88.456161

5.1944880,0.231506,9.705587,1.300499,9.795066,82.370262,88.633591

5.1970038,0.245863,9.722338,1.288535,9.810434,82.452774,88.551392

5.1995192,0.229113,9.717552,1.278665,9.803994,82.505974,88.649376

5.2020335,0.188435,9.691231,1.281057,9.777349,82.471291,88.886093

5.2045488,0.219541,9.710373,1.298106,9.799215,82.387627,88.704819

5.2070646,0.188435,9.664909,1.293321,9.752879,82.379608,88.883057

5.2095799,0.126221,9.674481,1.324427,9.765532,82.205376,89.252510

5.2120953,0.135793,9.667302,1.283749,9.753112,82.436516,89.195244

5.2146106,0.104686,9.657731,1.290928,9.744189,82.386971,89.378960

5.2171264,0.073579,9.684052,1.341177,9.776760,82.115295,89.564674

5.2196417,0.056530,9.679267,1.324427,9.769622,82.208656,89.665375

5.2221570,0.107079,9.707980,1.331606,9.799465,82.190170,89.368057

5.2246723,0.090329,9.707980,1.302892,9.795436,82.356430,89.466904

5.2271881,0.044566,9.676874,1.331606,9.768165,82.164986,89.736130

5.2297029,0.066102,9.688838,1.362713,9.784423,81.994179,89.609108

5.2322183,0.025424,9.710373,1.300499,9.797107,82.371864,89.849991

5.2347341,0.011067,9.696016,1.331606,9.787034,82.180191,89.934601

5.2372494,0.027817,9.703195,1.362713,9.798456,82.005722,89.835747

5.2397647,0.039781,9.700802,1.300499,9.787667,82.364464,89.765045

5.2422800,-0.012861,9.688838,1.357927,9.783543,82.021759,90.076057

5.2447953,-0.024826,9.698409,1.348356,9.791721,82.085014,90.146660

5.2473106,-0.008076,9.712767,1.341177,9.804931,82.138092,90.047638

5.2498255,-0.022433,9.731909,1.333999,9.822938,82.194862,90.132072

5.2523417,-0.020040,9.739087,1.310070,9.826826,82.338760,90.117897

5.2548566,0.003888,9.736694,1.333999,9.827654,82.198631,89.977119

5.2573719,0.001496,9.736694,1.333999,9.827653,82.198631,89.991203

5.2598877,-0.017647,9.724730,1.314856,9.813232,82.299889,90.103973

5.2624011,0.011067,9.748658,1.322034,9.837898,82.277122,89.934959

5.2649164,-0.005683,9.765409,1.290928,9.850368,82.469513,90.033340

5.2674317,0.001496,9.765409,1.329213,9.855456,82.248856,89.991226

5.2699471,0.030209,9.760623,1.333999,9.851408,82.217560,89.822670

5.2724624,-0.005683,9.758230,1.326820,9.848022,82.257019,90.033371

5.2749777,-0.008076,9.746265,1.312463,9.834242,82.330505,90.047478

5.2774930,0.006281,9.763016,1.312463,9.850842,82.343513,89.963135

5.2800088,-0.020040,9.777672,1.348356,9.870225,82.148361,90.117432

5.2825251,-0.024826,9.770494,1.357927,9.864437,82.087601,90.145584

5.2850399,-0.029611,9.760623,1.341177,9.852380,82.176193,90.173820

5.2875552,0.001496,9.794421,1.338784,9.885496,82.216560,89.991249

5.2900710,0.013460,9.770494,1.348356,9.863102,82.142654,89.921074

5.2925863,0.001496,9.765409,1.372284,9.861358,82.000893,89.991226

5.2951016,-0.003290,9.748658,1.377069,9.845439,81.959747,90.019341

5.2976174,0.023031,9.760623,1.365105,9.855648,82.038368,89.864807

5.3001328,0.054138,9.763016,1.374677,9.859469,81.985306,89.682289

5.3026457,0.037388,9.722338,1.377069,9.819448,81.938324,89.779663

5.3051610,0.037388,9.755837,1.436890,9.861156,81.621483,89.780426

5.3076763,0.023031,9.765409,1.422533,9.868503,81.712006,89.864876

5.3101921,0.073579,9.698409,1.475175,9.810234,81.351570,89.565323

5.3127069,0.051745,9.696016,1.499103,9.811357,81.211197,89.694229

5.3152223,0.068794,9.684052,1.477568,9.796367,81.325073,89.592987

5.3177381,0.092722,9.686445,1.494318,9.801470,81.230568,89.451561

5.3202534,0.051745,9.664909,1.491925,9.779519,81.224915,89.693245

5.3227687,0.049352,9.650553,1.520639,9.769747,81.045639,89.707001

5.3252840,0.042173,9.717552,1.506282,9.833692,81.188995,89.751343

5.3277998,0.020638,9.751051,1.494318,9.864908,81.287407,89.878731

5.3303151,-0.032004,9.792028,1.465604,9.901154,81.487595,90.187263

5.3328300,-0.046361,9.830314,1.499103,9.944071,81.329407,90.270210

5.3353457,-0.067896,9.839885,1.420140,9.942069,81.787697,90.395340

5.3378611,-0.118146,9.825528,1.389034,9.923929,81.954002,90.688911

5.3403764,-0.132503,9.827921,1.405783,9.928837,81.860374,90.772430

5.3428917,-0.137288,9.823135,1.379462,9.920471,82.007004,90.800713

5.3454070,-0.134895,9.813564,1.317249,9.902494,82.355751,90.787529

5.3479223,-0.161216,9.787243,1.331606,9.878729,82.253220,90.943695

5.3504376,-0.166002,9.770494,1.329213,9.861892,82.253944,90.973373

5.3529530,-0.206979,9.765409,1.341177,9.859250,82.181679,91.214211

5.3554688,-0.218943,9.775279,1.322034,9.866701,82.299805,91.283073

5.3579836,-0.173181,9.753445,1.290928,9.840029,82.461555,91.017227

5.3604989,-0.223729,9.741480,1.322034,9.833323,82.273514,91.315659

5.3630157,-0.209372,9.746265,1.322034,9.837749,82.277008,91.230652

5.3655310,-0.180359,9.777672,1.281057,9.862885,82.536957,91.056755

5.3680463,-0.173181,9.763016,1.249951,9.844229,82.705292,91.016228

5.3705616,-0.154038,9.794421,1.242772,9.874153,82.769508,90.901024

5.3730769,-0.158824,9.796814,1.230808,9.875104,82.840179,90.928787

5.3755922,-0.161216,9.842278,1.228415,9.919950,82.886642,90.938423

5.3781075,-0.170788,9.823135,1.185344,9.895867,83.120491,90.996063

5.3806233,-0.151645,9.799207,1.235594,9.877962,82.814285,90.886597

5.3831396,-0.137288,9.813564,1.259522,9.895013,82.687065,90.801498

5.3856549,-0.113360,9.813564,1.233201,9.891394,82.838058,90.661812

5.3881702,-0.113360,9.830314,1.240379,9.908908,82.808952,90.660690

5.3906856,-0.077468,9.789636,1.276272,9.872783,82.572487,90.453384

5.3932009,-0.072682,9.792028,1.295713,9.877650,82.462433,90.425278

5.3957167,-0.072682,9.734302,1.310070,9.822331,82.335236,90.427795

5.3982320,-0.024826,9.715159,1.276272,9.798664,82.515984,90.146408

5.4007473,-0.043968,9.700802,1.278665,9.784808,82.491196,90.259689

5.4032626,-0.060718,9.681660,1.286142,9.766902,82.433098,90.359322

5.4057784,-0.015254,9.696016,1.281057,9.780290,82.473564,90.090141

5.4082932,0.008674,9.722338,1.259522,9.803587,82.618484,89.948883

5.4108086,0.003888,9.696016,1.271486,9.779030,82.529152,89.977020

5.4133244,0.015852,9.674481,1.252344,9.755215,82.624191,89.906113

5.4158397,0.039781,9.640982,1.281057,9.725801,82.431152,89.763588

5.4183550,0.058923,9.684052,1.264308,9.766413,82.561920,89.651382

5.4208703,0.056530,9.719945,1.293321,9.805774,82.420959,89.666779

5.4233866,0.080758,9.664909,1.278665,9.749461,82.463814,89.521263

5.4259019,0.066102,9.660124,1.245165,9.740267,82.655388,89.607948

5.4284172,0.119043,9.676874,1.329213,9.768463,82.179398,89.295197

5.4309330,0.116650,9.648160,1.269093,9.731968,82.507027,89.307304

5.4334483,0.121436,9.681660,1.261915,9.764308,82.574471,89.281387

5.4359632,0.111864,9.700802,1.252344,9.781944,82.644463,89.339325

5.4384785,0.154935,9.705587,1.249951,9.786971,82.662384,89.085434

5.4409943,0.171685,9.691231,1.221237,9.769382,82.818863,88.985085

5.4435096,0.140578,9.741480,1.204487,9.816669,82.952156,89.173225

5.4460249,0.150150,9.727123,1.226022,9.805233,82.817078,89.115639

5.4485407,0.188435,9.676874,1.240379,9.757866,82.697037,88.884438

5.4510560,0.212363,9.712767,1.209273,9.790060,82.904678,88.747467

5.4535708,0.212363,9.746265,1.185344,9.820378,83.067352,88.751770

5.4560862,0.238684,9.724730,1.214058,9.803126,82.885994,88.594009

5.4586020,0.233898,9.705587,1.192523,9.781372,82.997208,88.619476

5.4611173,0.291326,9.751051,1.168595,9.825145,83.169113,88.288719

5.4636316,0.288933,9.760623,1.192523,9.837446,83.037323,88.304428

5.4661469,0.276969,9.731909,1.206880,9.810369,82.933525,88.369804

5.4686627,0.305683,9.743873,1.194916,9.821626,83.011986,88.203117

5.4711781,0.329611,9.763016,1.206880,9.842849,82.956963,88.066360

5.4736934,0.346660,9.736694,1.197309,9.816156,82.994003,87.960930

5.4762092,0.365803,9.746265,1.168595,9.822887,83.167542,87.850548

5.4787240,0.387338,9.717552,1.144667,9.792401,83.287155,87.717422

5.4812393,0.384945,9.698409,1.154238,9.774435,83.218262,87.727036

5.4837532,0.387338,9.743873,1.182952,9.823058,83.083313,87.723579

5.4862690,0.389731,9.734302,1.190130,9.814527,83.035049,87.707283

5.4887838,0.416052,9.724730,1.170988,9.803810,83.140099,87.550217

5.4912992,0.401695,9.755837,1.187737,9.836079,83.064430,87.642189

5.4938145,0.387338,9.765409,1.216451,9.848502,82.904915,87.728592

5.4963303,0.365803,9.768100,1.235594,9.852730,82.795784,87.855347

5.4988456,0.358624,9.748658,1.209273,9.829918,82.933594,87.893211

5.5013604,0.372981,9.746265,1.247558,9.832864,82.710876,87.808411

5.5038748,0.416052,9.803992,1.273879,9.895157,82.603348,87.570000

5.5063906,0.394517,9.796814,1.266701,9.886239,82.638588,87.693954

5.5089059,0.377767,9.782457,1.237987,9.867715,82.792778,87.788521

5.5114212,0.392124,9.803992,1.286142,9.895766,82.532204,87.709602

5.5139360,0.365803,9.796814,1.283749,9.887335,82.539780,87.861626

5.5164518,0.370588,9.755837,1.249951,9.842565,82.704056,87.824593

5.5189672,0.382553,9.748658,1.264308,9.837742,82.616150,87.752777

5.5214825,0.370588,9.734302,1.319642,9.830332,82.285217,87.819778

5.5239992,0.356231,9.760623,1.290928,9.852063,82.470810,87.909813

5.5265145,0.377767,9.768100,1.305285,9.862163,82.394424,87.785271

5.5290298,0.365803,9.703195,1.307678,9.797746,82.330002,87.841019

5.5315456,0.349053,9.684052,1.261915,9.772161,82.580467,87.935722

5.5340605,0.337089,9.664909,1.293321,9.756884,82.382759,88.002472

5.5365758,0.344267,9.640982,1.288535,9.732799,82.392220,87.954910

5.5390911,0.346660,9.688838,1.254736,9.775894,82.625740,87.950867

5.5416069,0.339482,9.674481,1.261915,9.762340,82.572960,87.990288

5.5441222,0.356231,9.645767,1.278665,9.736669,82.453857,87.884949

5.5466375,0.370588,9.652946,1.283749,9.744984,82.430176,87.801422

5.5491533,0.344267,9.657731,1.276272,9.747777,82.476692,87.958450

5.5516686,0.324826,9.638589,1.237987,9.723195,82.685074,88.069832

5.5541840,0.368196,9.638589,1.233201,9.724133,82.714211,87.812355

5.5566988,0.351446,9.638589,1.252344,9.725959,82.601883,87.911781

5.5592146,0.332004,9.636196,1.264308,9.724453,82.529640,88.026718

5.5617299,0.341875,9.664909,1.269093,9.753868,82.523949,87.974136

5.5642476,0.380160,9.660124,1.266701,9.750234,82.535324,87.746376

5.5667629,0.389731,9.684052,1.261915,9.773699,82.581642,87.695396

5.5692782,0.377767,9.684052,1.273879,9.774781,82.511742,87.766075

5.5717936,0.375374,9.712767,1.257129,9.800976,82.630615,87.786766

5.5743089,0.389731,9.717552,1.242772,9.804448,82.717827,87.703331

5.5768242,0.399302,9.722338,1.261915,9.812019,82.610779,87.648148

5.5793395,0.389731,9.727123,1.333999,9.825903,82.197227,87.705589

5.5818553,0.430409,9.712767,1.257129,9.803237,82.632324,87.462669

5.5843744,0.430409,9.765409,1.245165,9.853877,82.740524,87.476334

5.5868902,0.420838,9.753445,1.314856,9.850666,82.329330,87.529358

5.5894055,0.432802,9.789636,1.302892,9.885434,82.426430,87.468590

5.5919209,0.459123,9.770494,1.319642,9.869893,82.316330,87.309608

5.5944366,0.466301,9.734302,1.312463,9.833445,82.329880,87.257462

5.5969520,0.456730,9.775279,1.283749,9.869787,82.526443,87.324921

5.5994678,0.444766,9.787243,1.360320,9.891330,82.095261,87.398071

5.6019835,0.442373,9.777672,1.319642,9.876235,82.321297,87.409523

5.6044946,0.432802,9.741480,1.317249,9.839659,82.306641,87.456093

5.6070104,0.404088,9.777672,1.326820,9.875556,82.278732,87.633446

5.6095252,0.396909,9.746265,1.333999,9.845140,82.212570,87.667961

5.6120405,0.418445,9.765409,1.355534,9.867916,82.104439,87.546394

5.6145558,0.447159,9.777672,1.343570,9.879676,82.183937,87.381538

5.6170716,0.437587,9.765409,1.396212,9.874416,81.871315,87.434296

5.6195869,0.425623,9.724730,1.405783,9.835027,81.782204,87.493927

5.6221023,0.420838,9.741480,1.386641,9.848670,81.906166,87.526329

5.6246157,0.461516,9.748658,1.393819,9.858603,81.872231,87.289558

5.6271315,0.413659,9.768100,1.381855,9.874027,81.955132,87.575089

5.6296463,0.408874,9.736694,1.379462,9.842423,81.943199,87.595390

5.6321616,0.435195,9.724730,1.369891,9.830380,81.989601,87.437645

5.6346769,0.396909,9.710373,1.377069,9.815559,81.935112,87.659348

5.6371927,0.406481,9.717552,1.379462,9.823389,81.927483,87.604744

5.6397080,0.382553,9.729516,1.355534,9.830935,82.074547,87.748360

5.6422229,0.418445,9.669696,1.348356,9.772215,82.069115,87.522141

5.6447411,0.423230,9.676874,1.396212,9.786237,81.797569,87.495689

5.6472564,0.399302,9.672089,1.384248,9.778798,81.862099,87.635948

5.6497717,0.396909,9.703195,1.355534,9.805457,82.053818,87.657623

5.6522875,0.408874,9.748658,1.393819,9.856279,81.870300,87.598335

5.6548023,0.408874,9.729516,1.384248,9.835996,81.909744,87.593613

5.6573176,0.396909,9.712767,1.412962,9.823026,81.729782,87.659927

5.6598330,0.413659,9.719945,1.424926,9.832541,81.667389,87.563087

5.6623487,0.420838,9.715159,1.422533,9.827768,81.677414,87.519630

5.6648655,0.432802,9.707980,1.408176,9.819122,81.754692,87.447327

5.6673813,0.413659,9.705587,1.377069,9.811517,81.931763,87.559486

5.6698966,0.408874,9.698409,1.417747,9.810011,81.690491,87.585907

5.6724119,0.418445,9.672089,1.427319,9.785788,81.613129,87.522751

5.6749272,0.418445,9.669696,1.417747,9.782031,81.666550,87.522141

5.6774430,0.406481,9.638589,1.436890,9.753578,81.528397,87.585144

5.6799583,0.435195,9.614660,1.429712,9.730116,81.550552,87.408356

5.6824737,0.370588,9.638589,1.444068,9.753208,81.485435,87.798149

5.6849918,0.358624,9.645767,1.439283,9.759148,81.519058,87.870758

5.6875072,0.380160,9.640982,1.467997,9.759511,81.348907,87.741905

5.6900229,0.248255,9.669696,1.456033,9.781855,81.439690,88.529335

5.6925383,0.346660,9.705587,1.470389,9.822456,81.390648,87.954399

5.6950541,0.463908,9.727123,1.523032,9.856560,81.111069,87.269501

5.6975698,0.382553,9.688838,1.503889,9.812319,81.183792,87.738914

5.7000852,0.384945,9.705587,1.467997,9.823524,81.405708,87.728714

5.7026005,0.358624,9.710373,1.482354,9.829412,81.326248,87.884911

5.7051129,0.351446,9.710373,1.515853,9.834260,81.133072,87.927208

5.7076283,0.387338,9.758230,1.491925,9.879217,81.314163,87.726921

5.7101440,0.408874,9.746265,1.489532,9.867907,81.318184,87.597748

5.7126594,0.372981,9.734302,1.499103,9.856118,81.251427,87.805717

5.7151747,0.361017,9.731909,1.482354,9.850775,81.345200,87.875519

5.7176900,0.346660,9.693624,1.520639,9.818292,81.090271,87.951881

5.7202058,0.363410,9.731909,1.523032,9.857065,81.111526,87.861450

5.7227211,0.356231,9.739087,1.518246,9.863153,81.145195,87.905197

5.7252331,0.238684,9.753445,1.489532,9.869415,81.319519,88.598152

5.7277484,0.329611,9.763016,1.527817,9.887333,81.110886,88.066360

5.7302637,0.523729,9.763016,1.527817,9.895706,81.118469,86.929359

5.7327795,0.363410,9.729516,1.554437,9.859606,80.929062,87.860924

5.7352943,0.308076,9.768100,1.559223,9.896558,80.935165,88.193550

5.7378097,0.305683,9.765409,1.566401,9.894961,80.891594,88.207077

5.7403255,0.269791,9.768100,1.532603,9.891280,81.086403,88.417915

5.7428408,0.233898,9.777672,1.534996,9.900191,81.080475,88.629646

5.7453585,0.195613,9.727123,1.611865,9.861709,80.592979,88.847931

5.7478743,0.154935,9.729516,1.604687,9.862175,80.635696,89.087685

5.7503896,0.102293,9.734302,1.614258,9.867772,80.584732,89.397926

5.7529044,0.063709,9.727123,1.635793,9.863914,80.454193,89.624741

5.7554202,0.023031,9.719945,1.736292,9.873833,79.872002,89.864243

5.7579355,-0.017647,9.693624,1.753042,9.850879,79.749161,90.104309

5.7604508,-0.134895,9.674481,1.829911,9.846947,79.290161,90.798851

5.7629662,-0.235693,9.650553,1.872982,9.833452,79.019760,91.399040

5.7654805,-0.108574,9.645767,1.906481,9.832970,78.820305,90.644905

5.7679958,-0.003290,9.648160,2.023730,9.858117,78.153778,90.019539

5.7705107,-0.214158,9.650553,1.985445,9.855000,78.377319,91.271255

5.7730260,-0.223729,9.645767,1.971088,9.847643,78.453781,91.328712

5.7755418,-0.259621,9.664909,1.990230,9.871114,78.368195,91.538727

5.7780571,-0.381655,9.672089,1.978266,9.879702,78.449272,92.259689

5.7805724,-0.379262,9.705587,1.937588,9.904368,78.718491,92.237793

5.7830877,-0.381655,9.684052,1.932802,9.882421,78.721405,92.256897

5.7856021,-0.431904,9.724730,1.889732,9.916048,79.013771,92.543007

5.7881174,-0.455833,9.753445,1.849054,9.937629,79.276718,92.675804

5.7906327,-0.455833,9.784850,1.820340,9.963168,79.472527,92.667229

5.7931480,-0.492024,9.823135,1.858625,10.009523,79.298889,92.867455

5.7956638,-0.503988,9.844670,1.868196,10.033031,79.268631,92.930641

5.7981787,-0.487238,9.830314,1.899303,10.023963,79.077782,92.837540

5.8006940,-0.484846,9.849456,1.894517,10.041716,79.125130,92.818146

5.8032098,-0.518345,9.861421,1.863411,10.049309,79.313988,93.008865

5.8057251,-0.499203,9.892527,1.837090,10.074036,79.492813,92.888847

5.8082399,-0.448654,9.887741,1.765006,10.054052,79.889236,92.598000

5.8107553,-0.400798,9.926026,1.757827,10.088439,79.965462,92.312263

5.8132710,-0.436690,9.909277,1.712364,10.065618,80.205200,92.523323

5.8157864,-0.458226,9.981061,1.633401,10.124207,80.715538,92.628578

5.8183012,-0.427119,9.995419,1.539781,10.122339,81.250359,92.446846

5.8208165,-0.372084,10.031311,1.530210,10.154171,81.332642,92.124252

5.8233323,-0.300299,10.048360,1.487139,10.162249,81.585144,91.711800

5.8258405,-0.273978,9.997811,1.501496,10.113644,81.462166,91.569733

5.8283553,-0.192323,9.971490,1.460818,10.079762,81.667015,91.104942

5.8308702,-0.132503,9.942777,1.465604,10.051087,81.615494,90.763504

5.8333859,-0.060718,9.935597,1.511068,10.050030,81.352524,90.350136

5.8359008,-0.022433,9.863813,1.494318,9.976387,81.385506,90.130302

5.8384161,0.056530,9.825528,1.513460,9.941567,81.243492,89.670357

5.8409309,0.058923,9.808778,1.575973,9.934752,80.872482,89.655815

5.8434467,0.140578,9.741480,1.611865,9.874933,80.605690,89.173225

5.8459616,0.164507,9.696016,1.631008,9.833615,80.452774,89.027992

5.8484769,0.202792,9.652946,1.631008,9.791867,80.411690,88.796494

5.8509917,0.253041,9.669696,1.669293,9.815987,80.208771,88.500999

5.8535075,0.291326,9.652946,1.585544,9.786633,80.676346,88.271339

5.8560224,0.305683,9.662517,1.539781,9.789208,80.950150,88.187996

5.8585377,0.327219,9.672089,1.542174,9.799728,80.945778,88.062355

5.8610530,0.361017,9.679267,1.506282,9.802420,81.160660,87.863976

5.8635683,0.380160,9.650553,1.561616,9.783473,80.815292,87.744141

5.8660831,0.413659,9.672089,1.602294,9.812633,80.602150,87.551048

5.8685980,0.473480,9.609875,1.602294,9.754036,80.545181,87.179314

5.8711138,0.461516,9.540483,1.595115,9.683914,80.519142,87.230507

5.8736286,0.473480,9.621839,1.590330,9.763867,80.625954,87.182816

5.8761435,0.492622,9.602696,1.554437,9.740161,80.816872,87.063278

5.8786588,0.566800,9.617053,1.511068,9.751528,81.085701,86.627060

5.8811741,0.590728,9.617053,1.501496,9.751470,81.142563,86.485016

5.8836894,0.583550,9.614660,1.477568,9.745021,81.279015,86.526764

5.8862042,0.677169,9.607482,1.415355,9.734757,81.640030,85.968262

5.8887191,0.713061,9.617053,1.362713,9.739258,81.956810,85.759537

5.8912339,0.770489,9.631411,1.341177,9.754818,82.097443,85.426224

5.8937497,0.801596,9.569197,1.333999,9.694928,82.091148,85.211609

5.8962646,0.873679,9.614660,1.283749,9.739251,82.425690,84.807823

5.8987799,0.911965,9.547662,1.226022,9.669160,82.715446,84.543831

5.9012947,0.976571,9.609875,1.178166,9.730953,83.045906,84.197433

5.9038100,1.045963,9.585947,1.144667,9.710545,83.230309,83.772858

5.9063106,1.103390,9.564411,1.132702,9.694248,83.290077,83.419212

5.9088254,1.151546,9.564411,1.149452,9.701818,83.195724,83.134689

5.9113402,1.199402,9.576375,1.108774,9.714675,83.446327,82.861107

5.9138546,1.208974,9.578768,1.082453,9.715252,83.602943,82.806511

5.9163699,1.208974,9.552447,1.070489,9.687973,83.656052,82.786903

5.9188848,1.218545,9.590733,1.077667,9.727712,83.639534,82.759117

5.9213991,1.173081,9.588340,1.094417,9.721632,83.536201,83.024834

5.9239140,1.225723,9.605089,1.056132,9.740408,83.775299,82.727684

5.9264474,1.252044,9.597911,1.060918,9.737200,83.744911,82.567749

5.9289627,1.252044,9.612267,1.080060,9.753451,83.642242,82.578728

5.9314780,1.228116,9.600304,1.056132,9.735991,83.772469,82.710045

5.9339933,1.261616,9.571589,1.027418,9.708892,83.925453,82.491219

5.9365082,1.268794,9.633803,1.000798,9.768398,84.119576,82.497192

5.9390235,1.249652,9.597911,1.068096,9.737678,83.702728,82.581795

5.9415393,1.259223,9.597911,1.036990,9.735547,83.885498,82.525620

5.9440541,1.271187,9.609875,1.012762,9.746347,84.035515,82.464706

5.9465704,1.240080,9.619446,1.056132,9.756380,83.785530,82.654289

5.9490862,1.232902,9.633803,1.096810,9.774109,83.556931,82.707123

5.9516010,1.273580,9.633803,1.084846,9.777988,83.630043,82.469223

5.9541163,1.297508,9.619446,1.084846,9.766993,83.622849,82.318085

5.9566317,1.319044,9.578768,1.111167,9.732799,83.444405,82.159401

5.9591475,1.295115,9.605089,1.130310,9.757697,83.348053,82.320763

5.9616623,1.309472,9.614660,1.101596,9.765753,83.523140,82.244301

5.9641776,1.307079,9.631411,1.135095,9.785753,83.338997,82.271599

5.9666948,1.326222,9.585947,1.199701,9.751335,82.933029,82.123093

5.9692101,1.342972,9.617053,1.147059,9.777884,83.263023,82.050346

5.9717250,1.342972,9.640982,1.147059,9.801420,83.279282,82.069832

5.9742408,1.340579,9.600304,1.123131,9.758299,83.390900,82.050667

5.9767561,1.350150,9.585947,1.089632,9.741693,83.577888,81.982811

5.9792714,1.383650,9.612267,1.125524,9.776348,83.389038,81.808754

5.9817863,1.321436,9.576375,1.108774,9.730494,83.457024,82.143417

5.9843020,1.275973,9.605089,1.099203,9.751619,83.527863,82.432938

5.9868183,1.304687,9.609875,1.075275,9.757464,83.673141,82.268501

5.9893332,1.307079,9.588340,1.070489,9.736051,83.687508,82.237305

5.9918489,1.278365,9.583553,1.034597,9.723637,83.892159,82.402077

5.9943643,1.299901,9.595518,1.027418,9.737520,83.943375,82.285133

5.9968796,1.268794,9.588340,1.029811,9.726593,83.922371,82.462029

5.9993954,1.225723,9.612267,1.003191,9.741893,84.089378,82.733055

6.0019102,1.208974,9.664909,0.988834,9.790296,84.203156,82.869965

6.0044255,1.177867,9.679267,0.984048,9.800200,84.237160,83.061806

6.0069480,1.218545,9.679267,1.025025,9.809370,84.001953,82.824654

6.0094643,1.223331,9.707980,1.027418,9.838547,84.005798,82.817848

6.0119796,1.141975,9.729516,0.998405,9.847051,84.180710,83.305695

6.0144949,1.077069,9.731909,0.945763,9.836900,84.482811,83.684547

6.0170107,1.144367,9.772886,0.984048,9.888743,84.288933,83.321297

6.0195260,1.158724,9.739087,0.933799,9.852129,84.561256,83.215034

6.0220413,1.151546,9.772886,0.955334,9.886761,84.454994,83.279785

6.0245576,1.165903,9.765409,0.950549,9.880590,84.479401,83.191620

6.0270696,1.175474,9.782457,0.931406,9.896753,84.599770,83.148109

6.0295854,1.120140,9.736694,0.943370,9.846211,84.502029,83.437363

6.0321007,1.115354,9.746265,0.924228,9.853319,84.617821,83.471519

6.0346160,1.163510,9.707980,0.929013,9.821492,84.572289,83.165649

6.0371318,1.146760,9.743873,0.909871,9.853222,84.701614,83.287712

6.0396471,1.187438,9.729516,0.936192,9.846316,84.544052,83.041748

6.0421624,1.192224,9.691231,0.924228,9.807933,84.592842,82.986664

6.0446782,1.158724,9.686445,0.909871,9.797843,84.671585,83.178505

6.0471911,1.129711,9.734302,0.888335,9.839818,84.820305,83.380173

6.0497069,1.079462,9.698409,0.924228,9.801968,84.589539,83.648949

6.0522223,1.000499,9.657731,0.902692,9.751287,84.688431,84.085503

6.0547376,0.897608,9.612267,0.862014,9.692495,84.897583,84.665108

6.0572534,1.098605,9.768100,0.940978,9.874621,84.531845,83.582985

6.0597687,1.323829,9.801600,1.034597,9.944559,84.028343,82.308029

6.0622840,1.333400,9.763016,1.077667,9.912406,83.758522,82.222847

6.0647998,1.216152,9.717552,1.065703,9.851171,83.789566,82.866516

6.0673141,1.163510,9.710373,0.996012,9.830419,84.184845,83.167320

6.0698295,1.144367,9.688838,1.022633,9.809635,84.016174,83.263893

6.0723448,1.120140,9.655338,1.048954,9.776532,83.840706,83.382553

6.0748606,1.141975,9.688838,1.065703,9.813940,83.765915,83.277847

6.0773759,1.170689,9.696016,1.012762,9.818805,84.079689,83.115486

6.0798912,1.189831,9.719945,1.056132,9.849287,83.844376,83.021072

6.0824065,1.225723,9.717552,1.046561,9.850306,83.901009,82.810959

6.0849223,1.254437,9.717552,1.010369,9.850142,84.112579,82.644379

6.0874357,1.285544,9.722338,1.022633,9.860134,84.046928,82.467712

6.0899506,1.271187,9.691231,1.012762,9.826574,84.084389,82.527245

6.0924659,1.331008,9.679267,1.007977,9.822210,84.109810,82.170296

6.0949817,1.342972,9.681660,1.039382,9.829467,83.930115,82.102730

6.0974970,1.362114,9.703195,1.010369,9.850288,84.112671,82.009155

6.1000123,1.381257,9.710373,0.996012,9.858562,84.201500,81.904243

6.1025271,1.388435,9.734302,1.044168,9.888107,83.938354,81.882469

6.1050429,1.383650,9.727123,1.058525,9.881897,83.850815,81.904182

6.1075644,1.427020,9.700802,1.044168,9.860641,83.921410,81.631622

6.1100798,1.436591,9.684052,1.034597,9.844544,83.967453,81.561935

6.1125951,1.467698,9.693624,1.044168,9.859551,83.920738,81.390320

6.1151109,1.529911,9.643374,1.022633,9.817387,84.020912,80.985214

6.1176262,1.513161,9.645767,1.053739,9.820430,83.840263,81.084496

6.1201420,1.491626,9.636196,1.029811,9.805189,83.971268,81.200790

6.1226578,1.534697,9.638589,1.007977,9.811916,84.103615,80.953072

6.1251731,1.501197,9.612267,0.996012,9.779638,84.154549,81.123528

6.1276822,1.520340,9.585947,1.012762,9.758458,84.042946,80.987900

6.1301975,1.537089,9.571589,1.010369,9.746734,84.049896,80.876839

6.1327128,1.549054,9.552447,0.981655,9.726893,84.207748,80.788925

6.1352282,1.532304,9.559626,0.998405,9.732996,84.112274,80.893570

6.1377435,1.517947,9.489935,1.010369,9.663533,83.998482,80.912331

6.1402593,1.544268,9.497113,1.053739,9.679375,83.750145,80.764313

6.1427741,1.505983,9.497113,1.087239,9.677047,83.549065,80.989479

6.1452894,1.515554,9.504591,1.075275,9.684543,83.625305,80.940178

6.1478033,1.510768,9.492328,1.127917,9.677752,83.307114,80.956833

6.1503191,1.486840,9.470792,1.103989,9.650149,83.430916,81.077835

6.1528344,1.508376,9.492328,1.051346,9.668755,83.757515,80.970924

6.1553497,1.532304,9.466006,1.132702,9.655891,83.263298,80.805038

6.1578646,1.508376,9.528519,1.168595,9.717690,83.093216,81.004654

6.1603804,1.491626,9.511769,1.156631,9.697242,83.149788,81.087524

6.1628957,1.458126,9.516555,1.123131,9.692904,83.346107,81.288887

6.1654105,1.474876,9.497113,1.111167,9.674973,83.405045,81.172630

6.1679263,1.484447,9.521340,1.103989,9.699396,83.464409,81.138504

6.1704416,1.429412,9.540483,1.115953,9.711302,83.401405,81.478981

6.1729569,1.458126,9.562018,1.113560,9.736444,83.432693,81.329674

6.1754723,1.467698,9.629018,1.084846,9.800460,83.644714,81.333427

6.1779876,1.462912,9.631411,1.108774,9.804772,83.506805,81.363373

6.1805029,1.438984,9.597911,1.130310,9.770782,83.357002,81.473335

6.1830182,1.436591,9.643374,1.096810,9.811293,83.581451,81.526855

6.1855330,1.453341,9.621839,1.101596,9.793135,83.541328,81.410629

6.1880493,1.453341,9.612267,1.087239,9.782125,83.618652,81.402206

6.1905646,1.402792,9.638589,1.060918,9.797743,83.783722,81.719360

6.1930799,1.383650,9.612267,1.082453,9.771483,83.639908,81.808754

6.1955957,1.323829,9.590733,1.046561,9.738069,83.830444,82.141006

6.1981106,1.273580,9.626625,1.053739,9.767512,83.806763,82.463669

6.2006259,1.230509,9.629018,1.068096,9.765908,83.721008,82.717545

6.2031417,1.230509,9.640982,1.103989,9.781691,83.519630,82.726486

6.2056570,1.189831,9.633803,1.068096,9.765587,83.720802,82.959290

6.2081747,1.146760,9.626625,1.099203,9.756804,83.531319,83.206718

6.2106905,1.108176,9.662517,1.096810,9.787506,83.565788,83.457443

6.2132058,1.065105,9.667302,1.130310,9.791261,83.370956,83.712738

6.2157207,1.000499,9.703195,1.147059,9.821850,83.293320,84.113022

6.2182364,0.933500,9.681660,1.185344,9.798520,83.051811,84.492599

6.2207518,0.919143,9.667302,1.221237,9.787389,82.832146,84.568787

6.2232671,0.902393,9.719945,1.228415,9.838732,82.827614,84.695900

6.2257824,0.851845,9.755837,1.240379,9.871198,82.781334,85.009796

6.2282977,0.815953,9.741480,1.264308,9.857012,82.630669,85.212044

6.2308125,0.796810,9.763016,1.278665,9.878581,82.562874,85.334137

6.2333279,0.772882,9.772886,1.273879,9.885818,82.596321,85.478218

6.2358432,0.741775,9.768100,1.271486,9.878394,82.604721,85.657379

6.2383590,0.763310,9.782457,1.252344,9.891788,82.726585,85.538338

6.2408743,0.722632,9.763016,1.295713,9.875097,82.460472,85.766838

6.2433896,0.715454,9.763016,1.254736,9.869281,82.695900,85.808739

6.2459054,0.708275,9.772886,1.261915,9.879443,82.661484,85.854820

6.2484174,0.698704,9.784850,1.228415,9.886379,82.862366,85.915627

6.2509332,0.717847,9.777672,1.221237,9.879757,82.899506,85.801056

6.2534485,0.710668,9.789636,1.237987,9.893161,82.811417,85.847954

6.2559633,0.703490,9.743873,1.288535,9.853846,82.486221,85.870514

6.2584791,0.703490,9.722338,1.273879,9.830642,82.554535,85.861397

6.2609944,0.729811,9.734302,1.228415,9.838611,82.827522,85.712379

6.2635098,0.720240,9.731909,1.257129,9.839166,82.659378,85.767365

6.2660246,0.744168,9.712767,1.264308,9.822937,82.604958,85.618698

6.2685380,0.775275,9.710373,1.300499,9.827701,82.395752,85.435196

6.2710538,0.794417,9.703195,1.264308,9.817410,82.600777,85.319534

6.2735686,0.777667,9.700802,1.281057,9.815877,82.501007,85.416672

6.2760839,0.787239,9.662517,1.276272,9.778182,82.500221,85.342201

6.2785997,0.806381,9.674481,1.240379,9.786950,82.718857,85.235329

6.2811146,0.885643,9.662517,1.283749,9.787574,82.463303,84.763039

6.2836299,0.856631,9.664909,1.240379,9.781760,82.714973,84.934937

6.2861447,0.863809,9.626625,1.228415,9.743052,82.756805,84.872513

6.2886596,0.811167,9.605089,1.211666,9.715136,82.835449,85.172722

6.2911749,0.823131,9.629018,1.168595,9.734533,83.105225,85.113983

6.2936902,0.835095,9.636196,1.226022,9.749707,82.775948,85.046989

6.2962055,0.851845,9.626625,1.273879,9.747836,82.490921,84.943161

6.2987204,0.847059,9.609875,1.245165,9.727160,82.645439,84.962700

6.3012362,0.818345,9.619446,1.310070,9.742675,82.272186,85.137444

6.3037510,0.851845,9.629018,1.322034,9.756608,82.212379,84.944405

6.3062663,0.825524,9.645767,1.298106,9.767671,82.362900,85.108315

6.3087864,0.763310,9.669696,1.310070,9.787847,82.308067,85.486519

6.3113022,0.815953,9.657731,1.319642,9.781565,82.246521,85.170723

6.3138175,0.803988,9.688838,1.360320,9.816845,82.034897,85.256416

6.3163328,0.794417,9.722338,1.353141,9.848144,82.102539,85.328712

6.3188481,0.772882,9.727123,1.365105,9.852806,82.036057,85.457031

6.3213639,0.782453,9.729516,1.400998,9.860959,81.832054,85.402138

6.3238788,0.760918,9.729516,1.415355,9.861323,81.748077,85.528160

6.3263941,0.725025,9.741480,1.396212,9.867701,81.865746,85.743515

6.3289051,0.770489,9.743873,1.381855,9.871486,81.953049,85.478790

6.3314204,0.760918,9.751051,1.362713,9.875170,82.068222,85.538002

6.3339353,0.763310,9.736694,1.367498,9.861841,82.029366,85.517448

6.3364511,0.727418,9.789636,1.396212,9.915418,81.905151,85.750450

6.3389664,0.727418,9.772886,1.331606,9.889976,82.262085,85.743195

6.3414812,0.727418,9.765409,1.288535,9.876875,82.503838,85.739944

6.3439965,0.722632,9.775279,1.307678,9.888797,82.401047,85.772133

6.3465118,0.748953,9.772886,1.281057,9.884905,82.553673,85.617653

6.3490286,0.751346,9.753445,1.266701,9.864012,82.621910,85.594978

6.3515434,0.746561,9.777672,1.266701,9.887606,82.639610,85.633728

6.3540592,0.746561,9.741480,1.254736,9.850286,82.681740,85.617569

6.3565745,0.777667,9.734302,1.252344,9.845291,82.692047,85.432373

6.3590899,0.830309,9.739087,1.242772,9.853106,82.753983,85.127014

6.3616052,0.825524,9.729516,1.249951,9.844153,82.705238,85.150223

6.3641205,0.861416,9.707980,1.230808,9.823533,82.802391,84.929268

6.3666358,0.897608,9.688838,1.233201,9.808164,82.776962,84.707031

6.3691497,0.888036,9.688838,1.240379,9.808197,82.734718,84.763153

6.3716645,0.907179,9.672089,1.249951,9.794623,82.668144,84.641708

6.3741803,0.928714,9.672089,1.237987,9.795122,82.739075,84.515274

6.3766952,0.923929,9.679267,1.249951,9.803277,82.674652,84.547386

6.3792105,0.957428,9.650553,1.235594,9.776325,82.739182,84.334244

6.3817263,0.964607,9.669696,1.252344,9.798054,82.656624,84.303268

6.3842411,0.974178,9.655338,1.266701,9.786680,82.563286,84.238625

6.3867564,0.957428,9.657731,1.252344,9.785541,82.647179,84.338425

6.3892756,1.010070,9.660124,1.214058,9.788369,82.875214,84.030800

6.3917909,0.974178,9.662517,1.206880,9.786205,82.915985,84.242874

6.3943062,0.969392,9.693624,1.233201,9.819717,82.785507,84.289230

6.3968220,0.971785,9.691231,1.259522,9.820932,82.631599,84.273827

6.3993368,0.962214,9.707980,1.288535,9.840278,82.475800,84.339577

6.4018521,0.952643,9.674481,1.283749,9.805668,82.477295,84.376236

6.4043679,0.983749,9.650553,1.288535,9.785769,82.433640,84.179543

6.4068832,0.959821,9.681660,1.293321,9.814707,82.427895,84.338310

6.4093995,0.988535,9.724730,1.290928,9.859720,82.476692,84.195724

6.4119153,0.945464,9.679267,1.329213,9.815749,82.217300,84.421089

6.4144306,0.952643,9.696016,1.314856,9.831027,82.313911,84.388649

6.4169459,0.957428,9.693624,1.310070,9.828494,82.340073,84.359253

6.4194613,0.947857,9.707980,1.345963,9.846569,82.143440,84.423492

6.4219770,0.971785,9.672089,1.377069,9.817840,81.936996,84.262566

6.4244924,0.940678,9.669696,1.372284,9.811782,81.960205,84.443687

6.4270077,0.892822,9.700802,1.374677,9.838314,81.967957,84.741547

6.4295197,0.957428,9.669696,1.355534,9.811073,82.058403,84.345390

6.4320350,0.945464,9.707980,1.386641,9.851983,81.908905,84.437485

6.4345508,0.926321,9.669696,1.362713,9.809081,82.014435,84.527969

6.4370661,0.923929,9.691231,1.379462,9.832421,81.934952,84.554077

6.4395809,0.919143,9.710373,1.429712,9.858004,81.660950,84.592735

6.4420962,0.890429,9.722338,1.439283,9.868548,81.613762,84.767113

6.4446120,0.871287,9.727123,1.434497,9.870859,81.643814,84.881508

6.4471269,0.911965,9.736694,1.436890,9.884308,81.641243,84.649139

6.4496450,0.900000,9.724730,1.465604,9.875646,81.465446,84.712479

6.4521599,0.904786,9.719945,1.503889,9.877128,81.242096,84.681915

6.4546752,0.904786,9.703195,1.537389,9.865808,81.035065,84.672791

6.4571905,0.900000,9.722338,1.534996,9.883828,81.065590,84.711182

6.4597063,0.900000,9.746265,1.585544,9.915323,80.798416,84.724091

6.4622216,0.854238,9.772886,1.614258,9.942075,80.655731,85.004532

6.4647369,0.895215,9.746265,1.621436,9.920693,80.593384,84.751991

6.4672523,0.900000,9.734302,1.650150,9.914112,80.418839,84.717644

6.4697657,0.902393,9.792028,1.693221,9.978233,80.230118,84.734726

6.4722810,0.938286,9.722338,1.662114,9.907919,80.342621,84.487556

6.4747963,0.976571,9.705587,1.678864,9.898015,80.234489,84.254272

6.4773111,0.978964,9.729516,1.700400,9.925382,80.135521,84.254356

6.4798269,1.002892,9.729516,1.702792,9.928181,80.124313,84.114891

6.4823422,1.055534,9.672089,1.678864,9.873300,80.209808,83.771851

6.4848571,1.089033,9.674481,1.619044,9.869290,80.558029,83.577385

6.4873724,1.108176,9.681660,1.642972,9.882405,80.430016,83.470261

6.4898882,1.144367,9.657731,1.590330,9.854465,80.712898,83.242393

6.4924035,1.129711,9.640982,1.549353,9.829815,80.931358,83.316673

6.4949183,1.105783,9.626625,1.499103,9.805202,81.205635,83.447319

6.4974341,1.132104,9.636196,1.513460,9.819801,81.134048,83.299347

6.4999495,1.122533,9.590733,1.552045,9.780137,80.868927,83.324272

6.5024643,1.110569,9.576375,1.561616,9.766215,80.798920,83.384979

6.5049796,1.112962,9.562018,1.542174,9.749317,80.898567,83.360985

6.5074954,1.065105,9.535697,1.532603,9.716627,80.924843,83.626671

6.5100102,1.036391,9.530911,1.573580,9.715376,80.678856,83.794044

6.5125256,0.986142,9.504591,1.602294,9.689018,80.481148,84.076515

6.5150409,0.959821,9.480363,1.628615,9.667002,80.301033,84.218895

6.5175567,0.935893,9.418150,1.671686,9.611033,79.983368,84.325081

6.5200715,0.897608,9.432507,1.702792,9.626910,79.812012,84.564041

6.5225868,0.878465,9.403793,1.712364,9.598709,79.723701,84.663147

6.5251026,0.876072,9.410972,1.745863,9.611552,79.534576,84.681633

6.5276179,0.847059,9.394221,1.755435,9.594293,79.457397,84.847679

6.5301309,0.768096,9.430114,1.772184,9.625885,79.390976,85.343460

6.5326457,0.701097,9.410972,1.800898,9.607349,79.195992,85.739456

6.5351610,0.681954,9.403793,1.832304,9.604880,79.002396,85.852226

6.5376768,0.653241,9.365508,1.899303,9.578456,78.563072,86.010101

6.5401917,0.595514,9.399008,1.863411,9.600431,78.808052,86.374634

6.5427070,0.593121,9.396614,1.901696,9.605446,78.581085,86.388245

6.5452218,0.538086,9.406186,1.920838,9.615377,78.476646,86.725929

6.5477376,0.502194,9.401401,1.875375,9.599769,78.734467,86.942345

6.5502520,0.416052,9.425328,1.911267,9.626155,78.547859,87.472496

6.5527673,0.413659,9.425328,1.925624,9.628913,78.464005,87.487015

6.5552821,0.358624,9.413364,1.939981,9.617877,78.363274,87.818237

6.5577979,0.296112,9.425328,1.932802,9.626019,78.416878,88.200554

6.5603132,0.255434,9.430114,1.956731,9.634370,78.281761,88.448410

6.5628281,0.195613,9.422935,1.959123,9.626429,78.257408,88.810753

6.5653434,0.104686,9.422935,1.983052,9.629910,78.116272,89.363487

6.5678587,0.114257,9.458828,1.968695,9.662207,78.243546,89.307930

6.5703750,0.066102,9.449257,1.983052,9.655326,78.148010,89.599197

6.5728903,0.013460,9.437292,2.009373,9.648847,77.980179,89.918282

6.5754061,-0.017647,9.430114,2.042872,9.648870,77.776749,90.107224

6.5779209,-0.010469,9.466006,2.035694,9.682429,77.863220,90.063362

6.5804362,-0.060718,9.504591,2.018944,9.716845,78.007843,90.366013

6.5829515,-0.103789,9.489935,2.047658,9.708890,77.824577,90.626602

6.5854669,-0.168395,9.504591,2.069193,9.728678,77.719955,91.015015

6.5879822,-0.125324,9.485149,2.057229,9.706491,77.763718,90.756989

6.5905018,-0.130110,9.576375,2.138884,9.813190,77.410751,90.778404

6.5930171,-0.340977,9.564411,2.131706,9.805018,77.443062,92.041763

6.5955324,0.027817,9.502198,2.078765,9.726962,77.660049,89.832275

6.5980482,0.049352,9.545269,2.227419,9.801836,76.865067,89.703766

6.6005635,-0.216550,9.545269,2.198705,9.797620,77.031685,91.299629

6.6030784,-0.218943,9.593125,2.229812,9.851296,76.917900,91.307434

6.6055942,-0.235693,9.566804,2.246561,9.829868,76.788612,91.411285

6.6081095,-0.223729,9.477970,2.189134,9.730071,76.997925,91.352226

6.6106253,-0.020040,9.477970,2.222633,9.735112,76.802345,90.121147

6.6131406,-0.096610,9.470792,2.289632,9.744108,76.409790,90.584442

6.6156564,-0.214158,9.439685,2.268097,9.710704,76.492851,91.299644

6.6181717,-0.269193,9.422935,2.339881,9.712838,76.059975,91.636368

6.6206865,-0.276371,9.391829,2.294418,9.671979,76.277290,91.685539

6.6232023,-0.216550,9.396614,2.311167,9.679088,76.185486,91.320183

6.6257176,-0.194716,9.367901,2.349453,9.659990,75.923637,91.190750

6.6282330,-0.242871,9.384650,2.320739,9.670391,76.114403,91.482468

6.6307464,-0.293121,9.389436,2.356930,9.685172,75.915390,91.788086

6.6332612,-0.352941,9.379865,2.327917,9.670865,76.071289,92.154884

6.6357770,-0.333799,9.365508,2.342274,9.659731,75.967148,92.041229

6.6382923,-0.319442,9.391829,2.349453,9.686507,75.962967,91.948036

6.6408076,-0.398405,9.408579,2.376073,9.712148,75.838875,92.424736

6.6433225,-0.494417,9.391829,2.376073,9.700341,75.821281,93.013458

6.6458383,-0.448654,9.355937,2.392823,9.667495,75.669655,92.745453

6.6483536,-0.455833,9.391829,2.392823,9.702568,75.722557,92.778671

6.6508684,-0.467797,9.399008,2.388037,9.708908,75.761223,92.849312

6.6533842,-0.530309,9.396614,2.397608,9.712163,75.707832,93.230133

6.6558995,-0.599701,9.444471,2.390430,9.760729,75.823914,93.633263

6.6584144,-0.626022,9.509377,2.395216,9.826353,75.891777,93.766464

6.6609297,-0.637986,9.514162,2.409572,9.835260,75.818565,93.836311

6.6634455,-0.649950,9.528519,2.414358,9.851103,75.813141,93.902161

6.6659608,-0.697807,9.528519,2.431108,9.858493,75.723572,94.188492

6.6684756,-0.745962,9.578768,2.400001,9.902992,75.974655,94.453018

6.6709905,-0.789033,9.540483,2.414358,9.872816,75.844994,94.727814

6.6735063,-0.817747,9.614660,2.467000,9.959743,75.658714,94.861427

6.6760216,-0.841675,9.588340,2.519642,9.949536,75.330551,95.016632

6.6785369,-0.913460,9.633803,2.517249,9.999056,75.418983,95.416489

6.6810522,-0.865604,9.686445,2.541178,10.051571,75.355904,95.106522

6.6835675,-0.736092,9.698409,2.574677,10.061309,75.173149,94.340324

6.6860828,-0.757927,9.729516,2.598605,10.099044,75.089371,94.454330

6.6885977,-0.906282,9.784850,2.567499,10.156609,75.357269,95.291687

6.6911139,-0.987638,9.815957,2.581856,10.197765,75.334320,95.745506

6.6936293,-1.172184,9.849456,2.610569,10.256747,75.254723,96.786850

6.6961446,-0.968495,9.827921,2.620141,10.217198,75.140823,95.628059

6.6986594,-0.695414,9.815957,2.711367,10.207258,74.595535,94.052361

6.7011752,-0.669093,9.851849,2.711367,10.240026,74.646042,93.885307

6.7036905,-0.714557,9.887741,2.728117,10.282054,74.613556,94.133408

6.7062058,-0.812962,9.911670,2.744867,10.316801,74.570175,94.688942

6.7087212,-0.973281,9.873384,2.764009,10.299065,74.432419,95.629814

6.7112389,-0.987638,9.803992,2.737688,10.226858,74.472794,95.752472

6.7137547,-0.901496,9.679267,2.694618,10.087708,74.507103,95.320999

6.7162700,-0.431904,9.890134,2.852544,10.302344,73.925743,92.500534

6.7187853,-0.252443,9.859028,2.891128,10.277294,73.661461,91.466751

6.7213006,-0.460618,9.837492,2.809473,10.241169,74.077835,92.680786

6.7238164,-0.628415,9.854242,2.725724,10.243563,74.568184,93.648872

6.7263312,-0.637986,9.741480,2.699403,10.128684,74.543259,93.747047

6.7288465,-0.642772,9.736694,2.680260,10.119296,74.640991,93.776924

6.7313576,-0.707378,9.712767,2.675475,10.099326,74.638031,94.165482

6.7338729,-0.683450,9.676874,2.673082,10.062523,74.594582,94.039932

6.7363877,-0.666700,9.648160,2.663511,10.031240,74.602051,93.952927

6.7389035,-0.566202,9.612267,2.661118,9.989886,74.550957,93.371063

6.7414188,-0.568594,9.638589,2.692225,10.023661,74.419800,93.376053

6.7439337,-0.645165,9.595518,2.675475,9.982403,74.453575,93.846550

6.7464490,-0.702593,9.552447,2.677868,9.945545,74.380180,94.206589

6.7489648,-0.704985,9.506984,2.704189,9.909207,74.163300,94.240974

6.7514849,-0.637986,9.480363,2.773581,9.898336,73.727455,93.849945

6.7540002,-0.594916,9.437292,2.831008,9.870715,73.333000,93.607086

6.7565155,-0.611665,9.408579,2.838187,9.846359,73.246948,93.719650

6.7590313,-0.590130,9.446864,2.927020,9.907519,72.816422,93.574524

6.7615466,-0.523131,9.451650,2.967698,9.920412,72.593399,93.167976

6.7640619,-0.506381,9.442079,2.991627,9.917616,72.443405,93.069847

6.7665768,-0.659522,9.480363,3.049054,9.980430,72.211555,93.979492

6.7690926,-0.671486,9.401401,2.962913,9.880085,72.549164,94.085358

6.7716074,-0.364905,9.346365,3.039483,9.834946,71.998055,92.235832

6.7741227,-0.343370,9.408579,3.070590,9.902918,71.936600,92.090103

6.7766385,-0.369691,9.533304,3.111268,10.034966,71.938202,92.220757

6.7791538,-0.443869,9.578768,3.082554,10.072336,72.179161,92.653122

6.7816691,-0.554238,9.542876,3.051447,10.034192,72.295677,93.323929

6.7841845,-0.566202,9.590733,3.044269,10.078210,72.418358,93.378609

6.7867002,-0.537488,9.595518,3.037090,10.079026,72.462631,93.206039

6.7892151,-0.537488,9.609875,2.984448,10.076980,72.772598,93.201263

6.7917304,-0.587737,9.629018,2.946163,10.086788,73.017395,93.492889

6.7942457,-0.642772,9.636196,3.001198,10.113191,72.736855,93.816200

6.7967615,-0.626022,9.655338,3.037090,10.141074,72.573380,93.709686

6.7992768,-0.590130,9.657731,2.970091,10.121337,72.935471,93.496674

6.8017917,-0.556630,9.722338,2.974877,10.182513,73.012955,93.276764

6.8043075,-0.513560,9.741480,2.994019,10.204132,72.937637,93.017776

6.8068228,-0.415155,9.787243,3.022733,10.251800,72.851517,92.428917

6.8093381,-0.388834,9.835099,3.003591,10.290867,73.030083,92.264030

6.8118591,-0.305085,9.880563,3.049054,10.344821,72.857925,91.768578

6.8143749,-0.221336,9.906884,2.962913,10.342834,73.353256,91.279869

6.8168902,-0.173181,9.926026,2.938984,10.353436,73.508949,90.999542

6.8194056,-0.101396,9.856635,2.910270,10.277802,73.551056,90.589386

6.8219209,0.023031,9.904491,2.900699,10.320539,73.676476,89.866768

6.8244367,-0.005683,9.916455,2.845365,10.316599,73.990036,90.032837

6.8269525,-0.156431,9.691231,2.704189,10.062656,74.410988,90.924759

6.8294678,0.250648,9.451650,2.605784,9.807478,74.591827,88.480927

6.8319650,0.715454,9.770494,2.754438,10.176509,74.296082,85.811935

6.8344798,0.729811,9.933205,2.838187,10.356471,74.094612,85.797920

6.8369946,0.583550,9.911670,2.787937,10.312823,74.315681,86.630600

6.8395100,0.384945,9.770494,2.699403,10.143841,74.566933,87.743782

6.8420248,0.451944,9.645767,2.697010,10.025913,74.394997,87.317413

6.8445401,0.569193,9.506984,2.747260,9.912324,73.909462,86.573730

6.8470550,0.597907,9.470792,2.804687,9.895436,73.534828,86.387619

6.8495703,0.578764,9.370294,3.008376,9.858382,72.232254,86.465569

6.8521028,0.533300,9.332008,3.164209,9.868282,71.298103,86.729248

6.8546185,0.557229,9.329616,3.202494,9.879685,71.085953,86.581963

6.8571339,0.636491,9.324830,3.183352,9.873769,71.191574,86.095184

6.8596492,0.648455,9.315259,3.068197,9.828956,71.810608,86.017944

6.8621650,0.626920,9.298509,2.936592,9.771329,72.510475,86.142868

6.8646803,0.590728,9.221640,2.835794,9.665884,72.939476,86.334702

6.8671956,0.533300,9.209675,2.735295,9.622077,73.484612,86.685898

6.8697114,0.485444,9.166604,2.630011,9.548782,74.012421,86.968567

6.8722248,0.471087,9.121140,2.589034,9.493167,74.173454,87.043427

6.8747396,0.485444,9.116355,2.584249,9.487988,74.194626,86.951889

6.8772550,0.502194,9.099606,2.586641,9.473422,74.154640,86.841133

6.8797703,0.538086,9.147462,2.632404,9.533895,73.971825,86.633537

6.8822861,0.578764,9.173783,2.730510,9.589002,73.455833,86.390053

6.8848014,0.667598,9.171391,2.792723,9.610379,73.106453,85.836708

6.8873167,0.705883,9.195318,2.807080,9.640117,73.070946,85.610275

6.8898320,0.691526,9.238688,2.809473,9.681152,73.130058,85.719330

6.8923478,0.684347,9.348758,2.816651,9.787805,73.275414,85.813309

6.8948631,0.658026,9.408579,2.790330,9.835665,73.519135,85.999306

6.8973784,0.590728,9.489935,2.766402,9.902566,73.777863,86.438057

6.8998942,0.542872,9.526126,2.675475,9.909589,74.336418,86.738373

6.9024096,0.456730,9.540483,2.632404,9.907520,74.591591,87.259178

6.9049249,0.382553,9.538090,2.603391,9.894400,74.744865,87.703217

6.9074407,0.351446,9.590733,2.598605,9.942757,74.849426,87.901375

6.9099560,0.262612,9.640982,2.517249,9.967649,75.372017,88.439697

6.9124756,0.200399,9.696016,2.376073,9.984920,76.233467,88.815971

6.9149909,0.164507,9.753445,2.222633,10.004841,77.164314,89.033714

6.9175062,0.142971,9.792028,2.078765,10.011270,78.015770,89.163498

6.9200220,0.068794,9.799207,2.004587,10.002378,78.439003,89.597771

6.9225378,0.044566,9.787243,1.889732,9.968108,79.071854,89.739105

6.9250531,-0.003290,9.770494,1.817947,9.938183,79.459793,90.019295

6.9275689,-0.058325,9.784850,1.815255,9.951977,79.490334,90.341522

6.9300842,-0.091825,9.827921,1.779363,9.988122,79.738106,90.535309

6.9325938,-0.094217,9.859028,1.796113,10.021743,79.675575,90.547531

6.9351091,-0.091825,9.878170,1.774577,10.036722,79.816086,90.532593

6.9376245,-0.110967,9.911670,1.717149,10.059926,80.171944,90.641434

6.9401398,-0.082253,9.921241,1.607080,10.050895,80.799248,90.475006

6.9426551,-0.082253,9.873384,1.475175,9.983317,81.502632,90.477310

6.9451709,-0.094217,9.882956,1.396212,9.981538,81.959129,90.546204

6.9476862,-0.125324,9.887741,1.300499,9.973687,82.507698,90.726166

6.9502015,-0.151645,9.878170,1.190130,9.950761,83.130875,90.879509

6.9527111,-0.204586,9.897313,1.132702,9.964019,83.472549,91.184189

6.9552264,-0.214158,9.894919,1.025025,9.950174,84.087135,91.239868

6.9577417,-0.177966,9.914063,0.984048,9.964370,84.332420,91.028397

6.9602571,-0.185145,9.904491,0.924228,9.949243,84.669868,91.070908

6.9627724,-0.194716,9.892527,0.895514,9.934886,84.828438,91.127617

6.9652872,-0.144467,9.885348,0.850050,9.922881,85.085693,90.837273

6.9678025,-0.122931,9.868599,0.763909,9.898885,85.574013,90.713684

6.9703183,-0.108574,9.866206,0.732503,9.893956,85.754204,90.630493

6.9728370,-0.051147,9.890134,0.679861,9.913606,86.067650,90.296303

6.9753528,0.011067,9.882956,0.593719,9.900780,86.562088,89.935844

6.9778681,0.006281,9.887741,0.471386,9.898973,87.270561,89.963600

6.9803834,0.104686,9.959526,0.440279,9.969803,87.468918,89.397781

6.9828987,0.209970,9.937990,0.404387,9.948430,87.670380,88.789635

6.9854140,0.317647,9.964312,0.366102,9.976093,87.896889,88.174118

6.9879293,0.401695,10.016953,0.315853,10.029979,88.195412,87.703583

6.9904447,0.442373,9.978668,0.270389,9.992128,88.449379,87.461632

6.9929419,0.521336,9.952348,0.176770,9.967561,88.983833,87.001404

6.9954567,0.643669,9.899706,0.069093,9.920850,89.600967,86.279922

6.9979715,0.705883,9.825528,0.049950,9.850978,89.709473,85.890831

7.0004869,0.725025,9.789636,-0.009870,9.816452,90.057610,85.764381

7.0030017,0.758525,9.803992,-0.045763,9.833398,90.266647,85.575897

7.0055165,0.806381,9.811171,-0.081954,9.844594,90.476982,85.301414

7.0080314,0.837488,9.796814,-0.125025,9.833341,90.728500,85.113907

7.0105467,0.885643,9.815957,-0.125025,9.856623,90.726784,84.844452

7.0130816,0.880858,9.808778,-0.175274,9.849810,91.019615,84.868431

7.0155969,0.873679,9.830314,-0.244666,9.872094,91.420143,84.921120

7.0181122,0.995713,9.854242,-0.225524,9.906987,91.304398,84.230179

7.0206280,1.022034,9.851849,-0.170489,9.906187,90.986130,84.077301

7.0231433,1.072284,9.818350,-0.168096,9.878160,90.975044,83.767303

7.0256586,1.115354,9.818350,-0.134596,9.882416,90.780380,83.519043

7.0281734,1.127319,9.801600,-0.170489,9.867688,90.989975,83.439026

7.0306892,1.161117,9.842278,-0.220738,9.912989,91.275940,83.271774

7.0332031,1.271187,9.758230,-0.203988,9.842793,91.187515,82.577980

7.0357184,1.290330,9.731909,-0.203988,9.819196,91.190369,82.447350

7.0382338,1.311865,9.664909,-0.223131,9.756088,91.310524,82.270203

7.0407495,1.319044,9.681660,-0.184846,9.772849,91.083771,82.241707

7.0432649,1.307079,9.705587,-0.227916,9.795857,91.333199,82.329964

7.0457797,1.326222,9.722338,-0.242273,9.815366,91.414375,82.232239

7.0482950,1.362114,9.657731,-0.242273,9.756322,91.422943,81.972023

7.0508108,1.362114,9.619446,-0.225524,9.718021,91.329765,81.940491

7.0533280,1.369293,9.559626,-0.213559,9.659555,91.266830,81.848564

7.0558438,1.326222,9.502198,-0.203988,9.596471,91.218002,82.054550

7.0583591,1.283151,9.516555,-0.170489,9.604185,91.017136,82.320915

7.0608740,1.208974,9.466006,-0.148953,9.544060,90.894249,82.721733

7.0633893,1.211366,9.449257,-0.113061,9.527258,90.679947,82.694695

7.0659051,1.446162,9.482756,0.064307,9.592610,89.615898,81.328949

7.0684204,1.508376,9.528519,0.260818,9.650694,88.451347,81.004654

7.0709357,1.429412,9.585947,0.296710,9.696475,88.246490,81.518806

7.0734487,1.266401,9.593125,0.387637,9.684115,87.705940,82.479790

7.0759645,1.137189,9.614660,0.430708,9.691254,87.452766,83.254593

7.0784798,1.048355,9.609875,0.466600,9.678144,87.236595,83.774139

7.0809946,0.933500,9.640982,0.468993,9.697417,87.227943,84.469505

7.0835099,0.883251,9.679267,0.517149,9.733231,86.954308,84.786095

7.0860257,0.842274,9.631411,0.569791,9.684945,86.627190,85.002159

7.0885410,0.820738,9.633803,0.591326,9.686767,86.500214,85.130524

7.0910563,0.770489,9.585947,0.653540,9.639043,86.112289,85.404617

7.0935712,0.760918,9.535697,0.761516,9.596271,85.448486,85.437653

7.0960870,0.679562,9.497113,0.672682,9.545128,85.958794,85.907204

7.0986023,0.569193,9.559626,0.622433,9.596763,86.281265,86.592560

7.1011176,0.449552,9.617053,0.617647,9.647346,86.329269,87.323639

7.1036334,0.361017,9.573982,0.574577,9.598000,86.567986,87.840508

7.1061482,0.380160,9.562018,0.529113,9.584189,86.835274,87.723274

7.1086636,0.344267,9.542876,0.481256,9.561204,87.114838,87.933899

7.1111789,0.284148,9.466006,0.447458,9.480835,87.294861,88.280632

7.1136980,0.142971,9.425328,0.361316,9.433334,87.804916,89.130959

7.1162133,0.008674,9.461221,0.291924,9.465727,88.232712,89.947472

7.1187291,0.085543,9.540483,0.186341,9.542686,88.881111,89.486282

7.1212444,0.162114,9.466006,0.097807,9.467900,89.408104,89.018852

7.1237597,0.174078,9.468399,-0.045763,9.470110,90.276871,88.946724

7.1262755,0.140578,9.470792,-0.156132,9.473122,90.944366,89.149597

7.1287909,0.003888,9.420543,-0.165703,9.422001,91.007706,89.976349

7.1313062,-0.099003,9.432507,-0.223131,9.435665,91.355034,90.601349

7.1338172,-0.003290,9.367901,-0.321236,9.373407,91.963974,90.020126

7.1363325,0.013460,9.334401,-0.366999,9.341622,92.251526,89.917381

7.1388478,-0.029611,9.353543,-0.431605,9.363543,92.641945,90.181381

7.1413631,0.030209,9.382257,-0.455534,9.393358,92.779663,89.815514

7.1438785,0.023031,9.420543,-0.381356,9.428287,92.318138,89.859924

7.1463938,-0.070289,9.482756,-0.306879,9.487981,91.853500,90.424690

7.1489096,-0.032004,9.521340,-0.280558,9.525527,91.687798,90.192589

7.1514244,0.068794,9.511769,-0.304487,9.516891,91.833450,89.585617

7.1539373,0.044566,9.509377,-0.292523,9.513979,91.761925,89.731483

7.1564527,0.066102,9.475577,-0.215952,9.478269,91.305534,89.600311

7.1589680,0.131007,9.449257,-0.194417,9.452165,91.178574,89.205688

7.1614833,0.085543,9.461221,-0.175274,9.463231,91.061272,89.481979

7.1639986,0.011067,9.418150,-0.148953,9.419334,90.906090,89.932678

7.1665139,0.147757,9.399008,-0.103490,9.400739,90.630760,89.099358

7.1690288,0.083151,9.528519,-0.033799,9.528941,90.203224,89.500023

7.1715446,-0.273978,9.696016,-0.060419,9.700074,90.356880,91.618561

7.1740589,-0.391227,9.688838,-0.108275,9.697338,90.639748,92.312294

7.1765742,-0.348156,9.669696,-0.048156,9.676082,90.285149,92.062035

7.1790895,-0.355334,9.688838,-0.036191,9.695419,90.213875,92.100357

7.1816049,-0.412762,9.823135,-0.045763,9.831910,90.266685,92.406120

7.1841202,-0.262014,9.751051,0.057129,9.754738,89.664444,91.539185

7.1866350,-0.192323,9.562018,0.124128,9.564758,89.256416,91.152245

7.1891503,-0.177966,9.468399,-0.014656,9.470082,90.088669,91.076790

7.1916661,-0.158824,9.406186,0.004487,9.407528,89.972672,90.967346

7.1941819,-0.036790,9.164211,0.002094,9.164286,89.986908,90.230011

7.1966972,-0.020040,9.202497,0.011665,9.202526,89.927376,90.124771

7.1992130,-0.467797,9.528519,0.049950,9.540126,89.700012,92.810646

7.2017279,-0.513560,9.480363,-0.065204,9.494487,90.393486,93.100731

7.2042432,-0.312263,9.473185,0.014058,9.478340,89.915024,91.887947

7.2067585,-0.300299,9.468399,0.052343,9.473305,89.683418,91.816582

7.2092738,-0.218943,9.444471,0.049950,9.447141,89.697060,91.328003

7.2117891,-0.177966,9.454042,0.078664,9.456044,89.523354,91.078430

7.2143040,-0.072682,9.535697,0.054736,9.536131,89.671127,90.436707

7.2168193,-0.017647,9.477970,0.057129,9.478159,89.654655,90.106682

7.2193351,-0.003290,9.458828,0.059521,9.459016,89.639458,90.019928

7.2218499,0.286541,9.248260,0.093021,9.253165,89.424004,88.225365

7.2243652,0.238684,9.554840,0.253639,9.561186,88.479881,88.569023

7.2268810,-0.156431,9.696016,0.222533,9.699831,88.685410,90.924301

7.2293959,-0.118146,9.636196,0.088235,9.637324,89.475418,90.702446

7.2319112,0.039781,9.552447,0.028415,9.552572,89.829567,89.761398

7.2344294,0.114257,9.482756,-0.031406,9.483496,90.189743,89.309677

7.2369447,0.233898,9.468399,-0.060419,9.471480,90.365494,88.584908

7.2394600,0.296112,9.449257,-0.089133,9.454315,90.540176,88.205109

7.2419758,0.221934,9.415757,-0.093918,9.418840,90.571327,88.649757

7.2444906,0.274576,9.420543,-0.108275,9.425166,90.658218,88.330498

7.2470059,0.327219,9.403793,-0.043370,9.409585,90.264084,88.007118

7.2495213,0.276969,9.408579,-0.048156,9.412778,90.293129,88.313820

7.2520370,0.353839,9.410972,-0.043370,9.417721,90.263855,87.846779

7.2545519,0.303290,9.437292,-0.096311,9.442656,90.584404,88.159294

7.2570672,0.274576,9.466006,-0.065204,9.470212,90.394493,88.338509

7.2595830,0.279362,9.434899,0.011665,9.439041,89.929192,88.304001

7.2620983,0.245863,9.449257,-0.000299,9.452455,90.001816,88.509544

7.2646136,0.281755,9.461221,0.009272,9.465419,89.943871,88.294235

7.2671285,0.312862,9.267402,0.064307,9.272904,89.602654,88.066467

7.2696443,0.269791,9.451650,0.109771,9.456136,89.334869,88.364975

7.2721596,-0.187537,9.768100,0.081057,9.770236,89.524651,91.099884

7.2746696,-0.226122,9.667302,0.083450,9.670307,89.505562,91.339928

7.2771854,-0.060718,9.562018,0.138485,9.563214,89.170273,90.363815

7.2797003,-0.077468,9.494720,0.076271,9.495343,89.539764,90.467468

7.2822156,-0.185145,9.492328,0.107378,9.494740,89.352020,91.117393

7.2847314,-0.185145,9.406186,0.150449,9.409211,89.083832,91.127625

7.2872462,-0.252443,9.348758,0.188734,9.354070,88.843887,91.546768

7.2897615,-0.300299,9.322437,0.191127,9.329230,88.826103,91.845001

7.2922764,-0.228515,9.288938,0.167198,9.293252,88.969116,91.409233

7.2947903,-0.254836,9.308080,0.157627,9.312901,89.030182,91.568245

7.2973056,-0.041575,9.046964,0.071486,9.047341,89.547287,90.263298

7.2998209,-0.170788,9.284152,0.083450,9.286098,89.485100,91.053871

7.3023357,-0.685843,9.449257,0.021236,9.474137,89.871574,94.151344

7.3048511,-0.582951,9.315259,-0.050548,9.333619,90.310303,93.580917

7.3073664,-0.477667,9.257831,-0.058026,9.270327,90.358635,92.953613

7.3098817,-0.443869,9.238688,-0.081954,9.249708,90.507660,92.750633

7.3123965,-0.396012,9.286545,-0.014656,9.294996,90.090340,92.441818

7.3149180,-0.434297,9.334401,-0.005085,9.344500,90.031174,92.663857

7.3174338,-0.410369,9.346365,-0.026620,9.355408,90.163033,92.514061

7.3199492,-0.527916,9.303294,-0.012263,9.318269,90.075401,93.247772

7.3224645,-0.429512,9.303294,-0.043370,9.313305,90.266815,92.643341

7.3249793,-0.235693,9.099606,-0.129811,9.103583,90.817024,91.483711

7.3274951,-0.218943,9.358330,-0.098704,9.361411,90.604118,91.340225

7.3300104,-0.673879,9.679267,-0.203988,9.704841,91.204399,93.982552

7.3325257,-0.702593,9.585947,-0.297308,9.616258,91.771713,94.191940

7.3350353,-0.503988,9.492328,-0.287737,9.510052,91.733810,93.039223

7.3375502,-0.364905,9.463614,-0.266202,9.474386,91.610046,92.208160

7.3400650,-0.352941,9.477970,-0.249452,9.487819,91.506584,92.132599

7.3425803,-0.259621,9.477970,-0.213559,9.483931,91.290298,91.569061

7.3450961,-0.281157,9.444471,-0.211167,9.451015,91.280281,91.705162

7.3476110,-0.228515,9.391829,-0.165703,9.396070,91.010483,91.393799

7.3501258,0.083151,9.152247,-0.168096,9.154169,91.052170,89.479469

7.3526411,0.404088,9.092427,-0.113061,9.102104,90.711716,87.455322

7.3551574,-0.242871,9.540483,-0.089133,9.543989,90.535103,91.458260

7.3576722,-0.348156,9.437292,-0.177667,9.445383,91.077797,92.112770

7.3601875,-0.180359,9.396614,-0.084347,9.398724,90.514198,91.099602

7.3627033,-0.173181,9.384650,-0.132203,9.387179,90.806946,91.057190

7.3652182,-0.180359,9.365508,-0.136989,9.368246,90.837852,91.103256

7.3677335,-0.022433,9.204889,-0.180060,9.206677,91.120636,90.139633

7.3702483,0.209970,9.176176,-0.215952,9.181119,91.347801,88.689178

7.3727641,-0.036790,9.439685,-0.230309,9.442565,91.397614,90.223297

7.3752804,-0.209372,9.523733,-0.266202,9.529753,91.600693,91.259399

7.3777957,-0.233300,9.614660,-0.270987,9.621307,91.613968,91.390015

7.3803115,-0.283549,9.640982,-0.369392,9.652222,92.193253,91.684631

7.3828263,-0.189930,9.612267,-0.443570,9.624371,92.641594,91.131966

7.3853416,-0.020040,9.564411,-0.467498,9.575850,92.798317,90.120049

7.3878574,0.006281,9.734302,-0.412463,9.743038,92.426292,89.963028

7.3903723,-0.151645,9.923634,-0.486640,9.936715,92.807121,90.875481

7.3928876,-0.290728,9.993026,-0.546461,10.012178,93.128738,91.666443

7.3954015,-0.177966,9.952348,-0.611366,9.972696,93.514664,91.024445

7.3979168,-0.101396,9.954741,-0.608973,9.973866,93.500481,90.583580

7.4004321,-0.091825,10.060324,-0.512961,10.073812,92.918777,90.522949

7.4029474,-0.230907,10.251749,-0.522533,10.267654,92.917107,91.290298

7.4054623,-0.295514,10.299606,-0.553639,10.318708,93.075623,91.643463

7.4079776,-0.250050,10.237392,-0.536890,10.254510,93.001175,91.399178

7.4104934,-0.125324,10.117751,-0.524925,10.132134,92.969711,90.709663

7.4130082,-0.108574,10.144073,-0.474676,10.155753,92.678963,90.613228

7.4155250,-0.077468,9.971490,-0.524925,9.985598,93.013329,90.445114

7.4180408,0.001496,9.842278,-0.455534,9.852814,92.649948,89.991295

7.4205561,-0.027218,9.870992,-0.376570,9.878210,92.184723,90.157990

7.4230709,-0.053539,9.731909,-0.436391,9.741836,92.567459,90.315208

7.4255867,0.102293,9.595518,-0.386142,9.603829,92.304314,89.389221

7.4281020,0.219541,9.456435,-0.340678,9.465116,92.062691,88.670052

7.4306169,0.229113,9.387043,-0.268594,9.393680,91.638489,88.601837

7.4331322,0.308076,9.274581,-0.223131,9.282378,91.377411,88.097496

7.4356480,0.310469,9.315259,-0.098704,9.320953,90.606743,88.091095

7.4381628,0.293719,9.265009,-0.096311,9.270164,90.595276,88.184219

7.4406781,0.363410,9.166604,-0.043370,9.173907,90.270866,87.729698

7.4431934,0.550050,9.090034,0.035593,9.106730,89.776062,86.537178

7.4457088,0.511765,9.149855,0.183948,9.166001,88.850082,86.798698

7.4482241,0.406481,9.121140,0.200698,9.132400,88.740738,87.448318

7.4507394,0.456730,9.116355,0.148056,9.128989,89.070724,87.131874

7.4532542,0.404088,9.188140,0.183948,9.198860,88.854187,87.481796

7.4557700,0.351446,9.157033,0.131306,9.164715,89.179077,87.802071

7.4582849,0.209970,9.180962,0.100199,9.183909,89.374870,88.689865

7.4608002,0.097508,9.173783,0.057129,9.174479,89.643219,89.391029

7.4633160,0.262612,9.137891,0.045165,9.141775,89.716934,88.353836

7.4658308,0.394517,9.133105,0.064307,9.141849,89.596954,87.526573

7.4683461,0.356231,9.176176,0.002094,9.183088,89.986938,87.776817

7.4708610,0.293719,9.200104,-0.036191,9.204863,90.225273,88.171417

7.4733768,0.154935,9.262616,-0.103490,9.264490,90.640038,89.041702

7.4759216,0.288933,9.006286,-0.144168,9.012073,90.916611,88.162506

7.4784565,0.837488,8.270791,-0.343071,8.320160,92.363190,84.218025

7.4809732,0.430409,9.003893,-0.045763,9.014290,90.290871,87.263199

7.4834895,-0.539881,9.849456,0.057129,9.864407,89.668175,93.137428

7.4860063,-0.908674,9.851849,-0.194417,9.895576,91.125755,95.269707

7.4885225,-0.748355,9.777672,-0.254237,9.809564,91.485115,94.376724

7.4910388,-0.709771,9.684052,-0.297308,9.714579,91.753777,94.191872

7.4935555,-0.779462,9.652946,-0.352642,9.690784,92.085419,94.616539

7.4960113,-0.757927,9.652946,-0.422034,9.691849,92.495750,94.489517

7.4985266,-0.877568,9.681660,-0.340678,9.727318,92.007072,95.179268

7.5010414,-0.973281,9.863813,-0.338285,9.917485,91.954735,95.635239

7.5035563,-1.117149,10.148858,-0.316451,10.215062,91.775238,96.281624

7.5060716,-1.236790,10.261321,-0.290130,10.339658,91.607925,96.872673

7.5085864,-1.524228,10.400404,-0.338285,10.516944,91.843277,98.337608

7.5111012,-1.562812,10.620842,-0.374178,10.741726,91.996246,98.370766

7.5136161,-0.836890,10.376475,-0.326321,10.415282,91.795425,94.611076

7.5161328,-0.637986,10.093823,-0.410070,10.122275,92.321785,93.616608

7.5186477,-0.592523,10.019346,-0.410070,10.045225,92.339600,93.384407

7.5211625,-0.772283,10.345368,-0.287737,10.378143,91.588745,94.269218

7.5236773,-1.059721,10.706984,-0.259023,10.762416,91.379089,95.652428

7.5261931,-1.105185,10.826625,-0.309272,10.887281,91.627808,95.828583

7.5287080,-0.927817,10.805090,-0.285344,10.848605,91.507187,94.907867

7.5312228,-0.820140,10.692627,-0.251845,10.726991,91.345291,94.386078

7.5337377,-0.762712,10.616056,-0.227916,10.645860,91.226738,94.109367

7.5362558,-0.724128,10.589736,-0.172881,10.615872,90.933113,93.911804

7.5387707,-0.707378,10.510473,-0.146560,10.535270,90.797089,93.850327

7.5412855,-0.820140,10.687841,-0.139382,10.720168,90.744972,94.388039

7.5438008,-1.054936,10.968101,-0.065204,11.018909,90.339050,95.493935

7.5463161,-1.239183,11.121540,-0.089133,11.190718,90.456360,96.357780

7.5488310,-1.153041,10.996815,-0.127418,11.057833,90.660225,95.985725

7.5513458,-1.088435,10.905888,-0.127418,10.960808,90.666069,95.699394

7.5538611,-1.292124,11.003993,-0.108275,11.080125,90.559906,96.697189

7.5563593,-1.435694,11.114362,-0.089133,11.207060,90.455696,97.360405

7.5588746,-1.347159,11.178968,-0.050548,11.259961,90.257217,96.871483

7.5613890,-1.392623,11.260324,0.026022,11.346144,89.868591,97.050262

7.5639038,-1.495514,11.291431,0.037986,11.390102,89.808914,97.544731

7.5664182,-1.572384,11.291431,-0.026620,11.400417,90.133789,97.927719

7.5689325,-1.658525,11.320145,-0.067597,11.441195,90.338516,98.335159

7.5714474,-1.713560,11.327323,-0.103490,11.456668,90.517570,98.602295

7.5739622,-1.811965,11.356037,-0.127418,11.500393,90.634819,99.065674

7.5764976,-1.807179,11.368001,-0.144168,11.511652,90.717567,99.032768

7.5790124,-1.814358,11.420942,-0.113061,11.564714,90.560150,99.026711

7.5815277,-1.910071,11.406586,-0.192024,11.566998,90.951210,99.506172

7.5840430,-1.986641,11.464013,-0.247059,11.637499,91.216454,99.831360

7.5865583,-2.113760,11.473584,-0.270987,11.669814,91.330597,100.438461

7.5890732,-2.154438,11.535798,-0.266202,11.738275,91.299469,100.578751

7.5915880,-2.132902,11.586047,-0.292523,11.784369,91.422394,100.430923

7.5941038,-2.120938,11.617154,-0.270987,11.812285,91.314545,100.346512

7.5966177,-2.175973,11.660523,-0.256630,11.864592,91.239403,100.570396

7.5991325,-2.120938,11.691630,-0.254237,11.885169,91.225716,100.282013

7.6016474,-2.077867,11.677274,-0.211167,11.862581,91.019981,100.089668

7.6041627,-2.106581,11.689238,-0.201595,11.879251,90.972374,100.215927

7.6066780,-2.075475,11.655738,-0.153739,11.840078,90.743988,100.096527

7.6091933,-2.067997,11.633904,-0.132203,11.817013,90.641014,100.079391

7.6117082,-1.969891,11.609976,-0.105882,11.776384,90.515160,99.629799

7.6142230,-1.941177,11.507084,-0.005085,11.669669,90.024963,99.575310

7.6167407,-1.905285,11.404193,0.114556,11.562822,89.432343,99.484741

7.6192560,-1.603490,11.198111,0.323031,11.316943,88.364326,98.148956

7.6217709,-1.344766,11.020742,0.620040,11.119784,86.803528,96.956917

7.6242867,-1.001994,10.872388,0.835693,10.950397,85.623146,95.265480

7.6268015,-0.805783,10.817054,1.072882,10.899955,84.351234,94.260201

7.6293168,-0.812962,10.972886,1.075275,11.055376,84.418442,94.237198

7.6318316,-0.738784,11.363215,0.991227,11.430267,85.025093,93.719872

7.6343474,-0.669093,11.967104,0.897907,12.019381,85.715736,93.200134

7.6368632,-0.606880,12.518052,0.866800,12.562694,86.043564,92.775543

7.6393781,-0.537488,13.006785,0.756730,13.039863,86.673141,92.366325

7.6418939,-0.578166,13.322937,0.629611,13.350331,87.296883,92.484863

7.6444087,-0.405583,13.401900,0.548256,13.419241,87.658478,91.733421

7.6469240,-0.223729,13.214961,0.600898,13.230508,87.396866,90.969925

7.6494389,-0.180359,12.965809,0.713360,12.986670,86.851151,90.796951

7.6519547,-0.156431,12.795918,0.885943,12.827506,86.039665,90.700409

7.6544695,-0.106182,12.704692,1.108774,12.753426,85.012451,90.478851

7.6569824,-0.146859,12.652050,1.283749,12.717859,84.206657,90.665031

7.6594973,-0.139681,12.733705,1.391426,12.810262,83.764336,90.628471

7.6620121,-0.130110,12.771990,1.523032,12.863136,83.200066,90.583656

7.6645279,-0.233300,12.862917,1.604687,12.964725,82.890076,91.039085

7.6670427,-0.226122,12.872489,1.619044,12.975878,82.832336,91.006371

7.6695580,-0.317049,12.855739,1.561616,12.954119,83.076172,91.412743

7.6720729,-0.324227,12.743276,1.520639,12.837777,83.197327,91.457466

7.6745877,-0.326620,12.661621,1.381855,12.740992,83.773598,91.477676

7.6771035,-0.228515,12.496516,1.235594,12.559531,84.354164,91.047607

7.6796188,-0.211765,12.393326,1.022633,12.437248,85.283623,90.978920

7.6821337,-0.202194,12.390933,0.797408,12.418211,86.318344,90.934860

7.6846495,-0.189930,12.467802,0.617647,12.484536,87.164246,90.872757

7.6871643,-0.070289,12.608979,0.500399,12.619101,87.727394,90.319397

7.6896791,0.073579,12.827024,0.411565,12.833837,88.162277,89.671341

7.6921945,0.140578,13.045071,0.217747,13.047646,89.043770,89.382584

7.6947098,0.495015,13.380365,0.018843,13.389532,89.919365,87.881271

7.6972241,0.926321,13.603197,-0.225524,13.636565,90.947609,86.104408

7.6997390,1.232902,13.837993,-0.520140,13.902540,92.144127,84.908653

7.7022543,1.738386,13.964812,-0.723829,14.091199,92.944435,82.904137

7.7047691,2.140679,14.216357,-0.826720,14.400374,93.291138,81.436813

7.7072845,2.481058,14.376976,-0.894018,14.616852,93.506599,80.208809

7.7097998,2.840281,14.546866,-0.915554,14.849807,93.534767,78.951973

7.7123146,3.273680,14.606986,-0.857827,14.993896,93.279785,77.367752

7.7148299,3.582953,14.645271,-0.733400,15.095013,92.784843,76.252670

7.7173452,3.795914,14.652450,-0.652044,15.150194,92.466698,75.476059

7.7198606,4.150650,14.611772,-0.532104,15.199175,92.006264,74.142166

7.7223754,4.514658,14.527723,-0.326321,15.216550,91.228813,72.736763

7.7248907,4.957929,14.292928,-0.201595,15.129754,90.763458,70.869370

7.7274060,5.252545,14.111073,-0.187238,15.058110,90.712456,69.583298

7.7299209,5.216652,13.741981,-0.184846,14.699988,90.720490,69.212524

7.7324362,4.869095,13.054642,-0.366999,13.937950,91.508827,69.545586

7.7349510,5.144569,12.788740,-0.012263,13.784724,90.050972,68.086395

7.7374668,5.621338,12.335898,0.256032,13.558739,88.918007,65.501747

7.7399817,5.836992,11.672488,0.315853,13.054394,88.613586,63.432014

7.7424965,5.896812,11.047064,0.399601,12.528755,88.172256,61.907146

7.7450118,5.798707,10.517652,0.550648,12.022861,87.374931,61.130692

7.7475271,5.468198,10.048360,0.632004,11.457319,86.837868,61.445492

7.7500420,5.199903,9.511769,0.787837,10.868920,85.843254,61.335415

7.7525573,4.945964,9.101998,1.022633,10.409357,84.362076,61.480644

7.7550721,4.641777,8.699705,1.379462,9.956600,82.036194,61.917595

7.7575874,4.411767,8.388040,1.796113,9.646187,79.268944,62.257462

7.7601027,4.332504,8.141280,2.112563,9.461182,77.097801,61.979656

7.7626176,4.138686,7.820343,2.423929,9.173980,74.679512,62.111290

7.7651324,3.788736,7.580761,2.603391,8.865670,72.923485,63.444897

7.7676482,3.443870,7.377371,2.749652,8.593394,71.338722,64.976112

7.7701631,3.065505,7.190432,2.907878,8.339987,69.594200,66.909943

7.7726784,2.782853,7.027421,3.029912,8.143051,68.155701,68.396477

7.7751932,2.442474,6.895816,3.125625,7.955343,66.865166,70.496033

7.7777100,2.040180,6.806982,3.171387,7.781712,65.949379,73.315536

7.7802253,1.798206,6.701698,3.221637,7.650179,65.094742,74.980125

7.7827401,1.762314,6.531508,3.259922,7.509557,64.271767,74.900185

7.7852559,1.630409,6.514759,3.343671,7.502029,63.531731,75.949524

7.7877707,1.165903,6.689734,3.159423,7.489581,65.049034,80.113655

7.7902861,0.691526,6.891030,2.977270,7.538477,66.737572,84.269463

7.7928009,0.361017,7.125826,2.941377,7.717475,67.596176,87.099693

7.7953167,0.128614,7.319644,2.821437,7.845651,68.923264,88.993355

7.7978320,-0.065504,7.513762,2.651546,7.968162,70.563156,90.499481

7.8003473,-0.146859,7.774879,2.467000,8.158211,72.398506,91.082130

7.8028622,-0.247657,7.925926,2.287239,8.253065,73.910522,91.789711

7.8053780,-0.278764,8.095817,2.102992,8.369142,75.446770,91.972092

7.8078928,-0.307478,8.361719,1.901696,8.580754,77.195602,92.105934

7.8104081,-0.348156,8.606086,1.743470,8.787810,78.556793,92.316612

7.8129230,-0.331406,8.773883,1.611865,8.926867,79.597427,92.163139

7.8154387,-0.314656,8.903095,1.429712,9.022649,80.882591,92.024124

7.8179536,-0.242871,9.090034,1.235594,9.176841,82.262047,91.530487

7.8204689,-0.250050,9.276974,1.058525,9.340516,83.492912,91.543968

7.8229837,-0.250050,9.394221,0.974477,9.447938,84.079887,91.524704

7.8254995,-0.139681,9.477970,0.857229,9.517682,84.832542,90.844330

7.8280144,0.003888,9.456435,0.754337,9.486475,85.439186,89.976440

7.8305297,0.063709,9.557233,0.701396,9.583147,85.802734,89.618073

7.8330450,0.095115,9.633803,0.632004,9.654981,86.246796,89.434334

7.8355603,0.116650,9.681660,0.620040,9.702195,86.335892,89.309700

7.8380752,0.114257,9.719945,0.596112,9.738877,86.490761,89.326523

7.8405900,0.250648,9.672089,0.629611,9.695800,86.276794,88.515533

7.8431058,0.447159,9.550055,0.660718,9.583321,86.046631,87.319221

7.8456206,0.542872,9.422935,0.670289,9.462331,85.937897,86.702736

7.8481359,0.562014,9.430114,0.737288,9.475574,85.537338,86.589333

7.8506508,0.617348,9.403793,0.756730,9.454369,85.409119,86.243988

7.8531666,0.708275,9.269794,0.727717,9.325252,85.524246,85.630699

7.8556814,0.782453,9.185747,0.679861,9.244047,85.782326,85.131233

7.8581977,0.878465,9.044571,0.622433,9.108423,86.081581,84.452477

7.8607125,1.022034,8.876774,0.663111,8.959988,85.755775,83.432121

7.8632283,1.124926,8.709276,0.581755,8.800875,86.209877,82.640190

7.8657436,1.194617,8.565408,0.569791,8.667063,86.230537,82.060181

7.8682585,1.292722,8.397611,0.533899,8.513287,86.404419,81.248627

7.8707743,1.417448,8.299505,0.567398,8.438773,86.144691,80.308128

7.8732891,1.419841,8.273184,0.653540,8.419538,85.548119,80.261787

7.8758044,1.378864,8.254042,0.672682,8.395413,85.404251,80.516129

7.8783207,1.299901,8.268398,0.802194,8.408310,84.525375,81.065483

7.8808365,1.247259,8.239685,0.814158,8.373226,84.420113,81.392365

7.8833513,1.319044,8.189436,0.933799,8.347378,83.577026,80.850151

7.8858666,1.400399,8.165507,1.044168,8.350265,82.816582,80.268341

7.8883820,1.400399,8.067102,1.113560,8.263127,82.255112,80.151947

7.8908973,1.415056,7.995318,1.178166,8.204606,81.743889,79.963409

7.8934121,1.515554,7.933105,1.242772,8.171630,81.252296,79.184433

7.8959274,1.599303,7.870592,1.374677,8.148234,80.287262,78.513893

7.8984437,1.673779,7.760522,1.523032,8.083740,79.140182,77.828957

7.9009590,1.716850,7.717451,1.566401,8.059792,78.793381,77.458023

7.9034739,1.867598,7.537691,1.592723,7.927261,78.409409,76.084183

7.9059892,2.064109,7.398907,1.607080,7.847743,78.183235,74.412239

7.9085050,2.104787,7.345965,1.631008,7.813675,77.951614,74.011787

7.9110198,2.162214,7.255038,1.640579,7.746112,77.772499,73.404396

7.9135351,2.272583,7.149754,1.628615,7.676979,77.752052,72.366898

7.9160509,2.380260,7.099505,1.676471,7.673276,77.380119,71.465179

7.9185658,2.509772,7.029814,1.693221,7.654034,77.219330,70.352509

7.9210806,2.598306,7.008278,1.657329,7.655972,77.497910,69.657829

7.9235959,2.667698,7.092326,1.683650,7.762240,77.472832,69.386780

7.9261117,2.684448,7.094719,1.638186,7.760474,77.813553,69.274727

7.9286265,2.773281,7.063313,1.666900,7.769173,77.610687,68.563454

7.9311419,2.845066,7.094719,1.635793,7.816985,77.920929,68.148628

7.9336567,2.837888,7.128219,1.559223,7.829195,78.512451,68.291504

7.9361725,2.854637,7.223932,1.564009,7.923400,78.615562,68.437859

7.9386868,2.907279,7.243074,1.436890,7.935934,79.568420,68.130089

7.9412022,2.900101,7.278966,1.302892,7.943014,80.559113,68.276573

7.9437170,2.773281,7.422835,1.249951,8.021966,81.035873,69.513565

7.9462328,2.686841,7.544869,1.300499,8.113906,80.776833,70.398422

7.9487476,2.610271,7.643274,1.286142,8.178466,80.952133,71.144341

7.9512630,2.444866,7.712666,1.103989,8.165866,82.230072,72.411713

7.9537783,1.956432,7.748558,0.838086,8.035557,84.013321,75.829575

7.9562936,2.174178,7.925926,1.025025,8.282393,82.890869,74.660393

7.9588132,2.464009,8.081459,1.135095,8.524656,82.348091,73.043716

7.9613280,2.648556,8.232507,1.089632,8.716439,82.818733,72.166023

7.9638433,2.610271,8.335398,1.135095,8.807998,82.595642,72.611801

7.9663587,2.394617,8.352147,1.206880,8.772064,82.092033,74.002045

7.9688745,2.315654,8.448159,1.242772,8.847492,81.925186,74.671616

7.9713893,2.255834,8.455338,1.192523,8.831966,82.240021,75.061768

7.9739046,2.095215,8.522337,1.355534,8.880181,81.219635,76.187775

7.9764199,1.829313,8.601300,1.458425,8.913795,80.583244,77.993309

7.9789367,1.700101,8.687442,1.434497,8.967708,80.795280,78.927361

7.9814520,1.726422,8.735598,1.439283,9.020129,80.818443,78.820663

7.9839673,1.618445,8.766704,1.554437,9.049350,80.109055,79.540237

7.9864826,1.604088,8.778668,1.614258,9.068845,79.746689,79.644829

7.9889979,1.668695,8.790632,1.645365,9.097635,79.580360,79.251633

7.9915133,1.683351,8.721240,1.705185,9.044410,79.132713,79.075272

7.9940290,1.616053,8.682656,1.781756,9.009706,78.594025,79.456512

7.9965444,1.489233,8.706883,1.951945,9.046420,77.539299,80.293999

7.9990654,1.268794,8.716455,1.987837,9.029835,77.282684,81.718018

8.0015812,1.132104,8.646764,1.923231,8.930119,77.563080,82.540802

8.0040970,0.952643,8.680264,2.028515,8.964897,76.922249,83.736961

8.0066118,0.839881,8.697312,2.169991,9.003194,76.052979,84.484177

8.0091276,0.646062,8.682656,2.196312,8.979404,75.842133,85.744560

8.0116434,0.514158,8.716455,2.313560,9.032912,75.159706,86.624207

8.0141582,0.447159,8.630014,2.359323,8.957874,74.729301,87.033905

8.0166740,0.346660,8.610871,2.323132,8.925481,74.913269,87.694603

8.0191822,0.257827,8.574979,2.349453,8.894754,74.684196,88.277786

8.0216980,0.178863,8.555837,2.404787,8.889169,74.304192,88.802383

8.0242128,0.236291,8.496016,2.455036,8.846768,73.888557,88.406898

8.0267286,0.198006,8.426325,2.469393,8.782942,73.670677,88.653885

8.0292435,0.071186,8.383254,2.440679,8.731606,73.768303,89.513481

8.0317593,-0.017647,8.380861,2.505285,8.747320,73.357086,90.120644

8.0342751,-0.156431,8.402397,2.536392,8.778271,73.205505,91.066574

8.0367899,-0.314656,8.380861,2.507678,8.753645,73.353119,92.150139

8.0392971,-0.386441,8.270791,2.383251,8.615986,73.942131,92.675117

8.0418129,-0.388834,8.268398,2.349453,8.604506,74.154213,92.692436

8.0443277,-0.436690,8.280363,2.435894,8.642262,73.628853,93.018867

8.0468426,-0.580559,8.256434,2.371287,8.609806,74.013130,94.022186

8.0493584,-0.681057,8.285149,2.332703,8.634178,74.325569,94.699272

8.0518732,-0.731306,8.297112,2.270490,8.633192,74.752129,95.037025

8.0543880,-0.817747,8.299505,2.162812,8.615582,75.461235,95.627167

8.0569038,-0.958924,8.354540,2.189134,8.689659,75.408607,96.547684

8.0594244,-1.023829,8.342576,2.236990,8.697754,75.096512,96.996544

8.0619392,-1.045364,8.385647,2.260918,8.747778,75.021515,97.105896

8.0644541,-1.169791,8.455338,2.213062,8.818094,75.465179,97.876839

8.0669699,-1.210469,8.464910,2.220240,8.834557,75.444771,98.138039

8.0694847,-1.234397,8.440981,2.186741,8.806573,75.622597,98.319878

8.0720005,-1.263111,8.402397,2.213062,8.780283,75.401207,98.549118

8.0745153,-1.270290,8.419147,2.234597,8.802789,75.294487,98.580132

8.0770311,-1.342373,8.411968,2.246561,8.809666,75.225769,99.066757

8.0795403,-1.316052,8.378469,2.301596,8.787951,74.816956,98.926826

8.0820551,-1.220040,8.395218,2.280061,8.784467,74.956284,98.268661

8.0845699,-1.232005,8.356933,2.213062,8.732343,75.319260,98.386314

8.0870857,-1.210469,8.311469,2.332703,8.717067,74.478386,98.286209

8.0896006,-1.224826,8.275578,2.433501,8.712480,73.780853,98.418938

8.0921154,-1.275374,8.230113,2.347060,8.652747,74.261322,98.808739

8.0946302,-1.272982,8.218149,2.342274,8.639717,74.269943,98.805069

8.0971460,-1.196112,8.150851,2.258525,8.542131,74.668793,98.348396

8.0996609,-1.188934,8.155637,2.184348,8.526392,75.156090,98.294189

8.1021757,-1.179362,8.081459,2.117349,8.437064,75.465790,98.302811

8.1046906,-1.172184,8.100602,2.126920,8.456806,75.433472,98.233734

8.1072063,-1.196112,8.079066,2.100599,8.432942,75.576065,98.421509

8.1097212,-1.241576,8.088638,2.172384,8.466808,75.132980,98.726578

8.1122360,-1.131506,8.074281,2.330310,8.479661,74.049210,97.977310

8.1147518,-1.069293,8.055139,2.376073,8.466071,73.700500,97.561615

8.1172667,-1.028615,7.988139,2.342274,8.387769,73.784622,97.337471

8.1197805,-0.975673,7.921140,2.335096,8.315592,73.691483,97.021942

8.1222954,-0.903889,7.894819,2.292025,8.270343,73.910545,96.531433

8.1248102,-0.781855,7.789236,2.272882,8.151656,73.809929,95.731941

8.1273260,-0.820140,7.743773,2.229812,8.100043,74.021065,96.045639

8.1298409,-0.774676,7.705487,2.217848,8.055651,74.019165,95.740982

8.1323557,-0.731306,7.650452,2.213062,7.997617,73.935745,95.460312

8.1348715,-0.765105,7.671988,2.232204,8.026675,73.853264,95.695114

8.1373863,-0.731306,7.631310,2.323132,8.010532,73.141464,95.473923

8.1399050,-0.697807,7.547262,2.368894,7.941017,72.643799,95.282448

8.1424208,-0.700200,7.506584,2.414358,7.916325,72.242752,95.329018

8.1449356,-0.659522,7.528119,2.469393,7.950185,71.904114,95.006775

8.1474514,-0.637986,7.494620,2.533999,7.937097,71.381805,94.865623

8.1499662,-0.602094,7.501798,2.608177,7.965054,70.885773,94.588722

8.1524820,-0.527916,7.477870,2.682653,7.962026,70.309998,94.038223

8.1549969,-0.460618,7.547262,2.728117,8.038404,70.160568,93.492500

8.1575117,-0.369691,7.669595,2.759224,8.159208,70.234398,92.759644

8.1600237,-0.305085,7.750951,2.778366,8.239516,70.293617,92.254051

8.1625385,-0.252443,7.832307,2.740081,8.301615,70.727219,91.846062

8.1650543,-0.226122,7.971390,2.697010,8.418316,71.314453,91.624855

8.1675692,-0.166002,8.091031,2.653939,8.516791,71.843559,91.175362

8.1700840,-0.106182,8.249256,2.591427,8.647369,72.561729,90.737450

8.1725998,-0.079860,8.400003,2.565106,8.783291,73.019646,90.544708

8.1751146,-0.012861,8.553444,2.553142,8.926371,73.380028,90.086151

8.1776295,0.023031,8.704491,2.579463,9.078673,73.493546,89.848404

8.1801453,0.030209,8.821739,2.581856,9.191843,73.686935,89.803795

8.1826611,0.061316,8.979964,2.526821,9.328897,74.284584,89.608788

8.1851759,0.049352,9.137891,2.457429,9.462687,74.947929,89.690559

8.1876917,-0.046361,9.272188,2.385644,9.574285,75.571472,90.286476

8.1902065,-0.008076,9.341579,2.220240,9.601804,76.630409,90.049530

8.1927214,0.006281,9.442079,2.129313,9.679197,77.291634,89.961884

8.1952362,-0.032004,9.566804,2.042872,9.782539,77.946297,90.191673

8.1977520,-0.003290,9.662517,1.973480,9.861991,78.456627,90.019508

8.2002687,-0.024826,9.775279,1.880160,9.954482,79.112816,90.145508

8.2027836,0.023031,9.868599,1.729113,10.018963,80.061905,89.866287

8.2052994,0.066102,9.899706,1.604687,10.029136,80.792961,89.617432

8.2078142,0.078365,9.940384,1.518246,10.055965,81.316299,89.548317

8.2103300,-0.010469,10.074680,1.451247,10.178674,81.802994,90.059540

8.2128448,-0.005683,10.201500,1.379462,10.294346,82.299088,90.031921

8.2153606,0.030209,10.359726,1.319642,10.443480,82.740677,89.832924

8.2178755,0.058923,10.455439,1.228415,10.527520,83.299110,89.677101

8.2203903,0.107079,10.572986,1.237987,10.645755,83.322006,89.419754

8.2229052,0.188435,10.704591,1.173380,10.770357,83.745476,88.991516

8.2254210,0.154935,10.778769,1.194916,10.845906,83.674767,89.176483

8.2279358,0.162114,10.817054,1.269093,10.892453,83.309204,89.141380

8.2304506,0.159721,10.826625,1.281057,10.903321,83.252594,89.154800

8.2329664,0.147757,10.742876,1.357927,10.829367,82.796547,89.212006

8.2354813,0.102293,10.673485,1.458425,10.773149,82.219643,89.450905

8.2379971,0.042173,10.639985,1.542174,10.751249,81.752968,89.772896

8.2405128,-0.039182,10.575378,1.602294,10.696144,81.384598,90.212280

8.2430286,-0.137288,10.572986,1.741078,10.716260,80.649673,90.743935

8.2455435,-0.204586,10.539187,1.880160,10.707536,79.886871,91.112083

8.2480583,-0.259621,10.465010,1.961516,10.650417,79.387093,91.421135

8.2505732,-0.372084,10.402797,2.062015,10.611716,78.795296,92.048462

8.2530890,-0.585344,10.357333,2.141277,10.592546,78.337318,93.234627

8.2556038,-0.697807,10.246964,2.306382,10.526471,77.343643,93.895767

8.2581196,-0.834497,10.156036,2.452643,10.481265,76.467163,94.697304

8.2606344,-1.121935,10.062716,2.661118,10.468932,75.274292,96.361877

8.2631493,-1.414158,9.959526,2.790330,10.439250,74.496796,98.081436

8.2656651,-1.677668,9.859028,2.871686,10.404882,73.978737,99.657272

8.2681799,-1.847857,9.813564,3.029912,10.435563,73.121399,100.663719

8.2706947,-2.058426,9.707980,3.157030,10.413877,72.352737,101.971375

8.2732105,-2.235794,9.614660,3.247958,10.391809,71.787041,103.090912

8.2757254,-2.451447,9.542876,3.274279,10.382532,71.617203,104.407059

8.2782412,-2.921038,9.475577,3.346063,10.464950,71.352798,107.132973

8.2807579,-3.392723,9.310472,3.355635,10.462111,71.292213,110.021667

8.2832737,-3.527021,9.111569,3.358027,10.331356,71.032448,111.161049

8.2857885,-3.603591,8.924630,3.537788,10.254309,69.817894,111.987892

8.2883043,-3.826422,8.788239,3.657429,10.259213,69.114479,113.528435

8.2908192,-4.039683,8.584550,3.671786,10.173276,68.843010,115.200546

8.2933340,-4.336692,8.457730,3.712764,10.204152,68.663277,117.146431

8.2958498,-4.382155,8.299505,3.748656,10.106310,68.227493,117.834145

8.2983656,-4.408477,8.175078,3.820441,10.043025,67.641083,118.336121

8.3008804,-4.643272,8.002496,3.774977,9.992516,67.803734,120.123512

8.3033953,-4.628915,7.798807,3.719942,9.802358,67.697617,120.690887

8.3059101,-4.542774,7.707880,3.688536,9.677474,67.595276,120.513718

8.3084259,-4.391727,7.621439,3.623930,9.513489,67.608978,119.951981

8.3109407,-4.499703,7.456335,3.614359,9.429095,67.460533,121.109886

8.3134565,-4.561916,7.219146,3.602395,9.268462,67.128090,122.289574

8.3159714,-4.382155,6.977172,3.635894,9.005773,66.188477,122.131714

8.3184872,-4.219444,6.809375,3.640680,8.799195,65.559288,121.784515

8.3210020,-3.951148,6.545866,3.626323,8.462277,64.625824,121.115593

8.3235168,-3.634698,6.246463,3.669394,8.105170,63.081505,120.194305

8.3260326,-3.574877,6.059824,3.633501,7.918557,62.686493,120.537666

8.3285475,-4.217051,6.224928,3.348456,8.230760,65.994629,124.115509

8.3310633,-3.910171,7.034599,2.455036,8.414406,73.036301,119.067429

8.3335781,-1.069293,8.709276,2.327917,9.078220,75.141731,96.999535

8.3360939,2.296512,9.928419,2.773581,10.561260,74.774521,76.976135

8.3386087,3.731308,10.254143,2.708974,11.243159,76.057724,70.004417

8.3411217,2.914458,10.069895,1.743470,10.627160,80.557487,73.858345

8.3436365,0.971785,9.830314,0.653540,9.899826,86.214851,84.354317

8.3461514,-0.324227,10.400404,0.323031,10.410470,88.221855,91.785591

8.3486671,-0.733699,11.727523,0.244068,11.752986,88.810081,93.579880

8.3511820,-0.173181,13.047463,0.256032,13.051125,88.875923,90.760452

8.3536978,1.388435,12.654443,-0.000299,12.730384,90.001343,83.738602

8.3562126,2.289333,13.720445,0.040379,13.910186,89.833679,80.527145

8.3587284,2.545664,15.380466,-0.278166,15.592194,91.022217,80.602013

8.3612413,2.660520,16.125530,-0.455534,16.349880,91.596558,80.631279

8.3637562,2.983850,16.899309,-0.994517,17.189505,93.316757,79.986694

8.3662720,3.798307,17.934206,-2.105983,18.452589,96.553413,78.041962

8.3687868,5.374579,19.124636,-2.760121,20.056322,97.910065,74.303093

8.3713026,7.427620,20.358435,-2.554039,21.821056,96.721573,69.955887

8.3738174,9.820743,22.476082,-2.438884,24.648922,95.678413,66.397469

8.3763323,11.964711,25.106392,-2.762514,27.948465,95.672554,64.519379

8.3788471,13.217653,27.533014,-3.591328,30.751762,96.706558,64.355942

8.3813572,13.837993,30.108290,-5.174778,33.537701,98.876045,65.316139

8.3838720,13.413865,32.532516,-6.882655,35.856205,101.066696,67.592583

8.3863869,12.532409,33.912277,-8.188239,37.069546,102.761230,69.718018

8.3889027,12.012568,34.261929,-9.304491,37.480064,104.374084,70.678833

8.3914175,11.540584,33.172001,-10.293923,36.599609,106.335289,70.817146

8.3939323,10.467402,30.766914,-10.356136,34.108929,107.675133,71.210861

8.3964472,9.145069,27.283861,-9.625428,30.342876,108.495003,71.469757

8.3989620,8.067102,23.012672,-7.929515,25.642511,108.013023,70.681862

8.4014874,7.030113,18.401403,-5.589036,20.476118,105.840118,69.091034

8.4040031,6.198607,13.713266,-3.311068,15.409075,102.408356,65.676300

8.4065189,5.918348,9.540483,-1.191028,11.290092,96.055580,58.186996

8.4090338,5.937490,6.512366,0.660718,8.837491,85.712387,47.643772

8.4115486,5.820242,4.703990,2.483750,7.884907,71.639153,38.945564

8.4140644,5.693422,3.546761,4.110271,7.866950,58.501698,31.921160

8.4165792,5.906384,2.751447,5.588437,8.584082,49.381203,24.978125

8.4190950,5.760421,2.047359,6.692725,9.064585,42.409996,19.566143

8.4216080,4.545765,1.333400,7.222137,8.637198,33.262489,16.347893

8.4241228,2.919244,0.861416,7.006484,7.639034,23.480602,16.440380

8.4266386,1.850848,0.674776,6.809973,7.089196,16.134304,20.030670

8.4291534,1.489233,0.655334,6.922735,7.111367,13.226154,23.751808

8.4316692,1.146760,0.789631,6.802795,6.943817,11.566980,34.550362

8.4341841,0.614955,1.124926,6.472286,6.598039,11.204193,61.336201

8.4366999,0.102293,1.568196,6.165706,6.362832,14.299229,86.267891

8.4392147,-0.592523,1.968097,5.844769,6.195628,19.374601,106.755150

8.4417362,-1.133899,2.416153,5.348856,5.977774,26.518448,115.140633

8.4442520,-1.478764,2.892923,4.876872,5.860002,33.671467,117.074585

8.4467678,-1.718346,3.403192,4.301996,5.748182,41.547176,116.790207

8.4492826,-1.802095,3.949354,3.719942,5.716897,49.406166,114.527267

8.4517984,-1.859821,4.663013,3.180959,5.943158,57.640461,111.744362

8.4543133,-1.807179,5.489733,2.716153,6.385965,64.828346,108.221161

8.4568291,-1.598705,6.431010,2.308775,7.017420,70.791534,103.960350

8.4593439,-1.363909,7.420442,1.882553,7.776067,75.989731,100.414963

8.4618521,-1.165006,8.496016,1.479961,8.702288,80.208359,97.807915

8.4643669,-0.927817,9.729516,1.007977,9.825495,84.111786,95.447311

8.4668827,-0.748355,10.917851,0.495613,10.954686,87.406929,93.921158

8.4693975,-0.590130,12.105888,0.081057,12.120535,89.616829,92.790810

8.4719133,-0.499203,13.255939,-0.414856,13.271820,91.791267,92.156670

8.4744282,-0.367298,14.355440,-0.860519,14.385898,93.429298,91.465652

8.4769440,-0.204586,15.212968,-1.358525,15.274876,95.102547,90.770477

8.4794588,-0.101396,15.847665,-1.849652,15.955563,96.656990,90.366585

8.4819775,0.126221,16.278971,-2.230709,16.431581,97.802422,89.555756

8.4844923,0.368196,16.453648,-2.472683,16.642483,98.544449,88.718063

8.4870081,0.528515,16.429718,-2.618645,16.645489,99.051292,88.157532

8.4895229,0.662812,16.322041,-2.623431,16.544809,99.123627,87.674591

8.4920387,0.837488,15.967605,-2.506183,16.184769,98.907997,86.997635

8.4945536,0.993321,15.447763,-2.302494,15.649970,98.460320,86.320839

8.4970694,1.153939,14.764912,-2.101197,14.958249,98.075089,85.531181

8.4995842,1.242473,14.015061,-1.916651,14.199974,97.757210,84.933815

8.5021009,1.235295,13.299009,-1.734796,13.468450,97.400513,84.693237

8.5046158,1.240080,12.577872,-1.552643,12.733867,97.003510,84.369278

8.5071316,1.256830,11.979069,-1.336990,12.118797,96.333969,84.010506

8.5096464,1.197010,11.416157,-1.171885,11.538404,95.829231,84.014282

8.5121622,1.124926,10.802697,-0.977767,10.905033,95.144165,84.055000

8.5146770,1.108176,10.338190,-0.783649,10.426905,94.310211,83.881683

8.5171928,1.055534,9.921241,-0.659223,9.998987,93.780190,83.927071

8.5197077,1.089033,9.545269,-0.493819,9.619876,92.942467,83.491188

8.5222225,1.091426,9.231211,-0.302094,9.300415,91.861397,83.257095

8.5247374,1.185045,8.852845,-0.096311,8.932328,90.617790,82.375687

8.5272532,1.240080,8.457730,0.059521,8.548365,89.601051,81.658676

8.5297680,1.268794,8.170293,0.251246,8.272040,88.259491,81.172844

8.5322838,1.230509,7.858628,0.447458,7.966957,86.780334,81.100845

8.5347996,1.266401,7.530512,0.555434,7.656428,85.839836,80.453926

8.5373144,1.364507,7.202396,0.675075,7.361530,84.738403,79.272354

8.5398293,1.412663,6.938887,0.763909,7.122312,83.842857,78.492622

8.5423450,1.472483,6.713662,0.790230,6.918521,83.441391,77.629402

8.5448608,1.606481,6.481259,0.802194,6.725401,83.149551,76.078911

8.5473766,1.690529,6.234499,0.802194,6.509254,82.920929,74.828644

8.5498915,1.786242,6.045466,0.799801,6.354369,82.769211,73.539276

8.5524073,1.905883,5.908776,0.790230,6.258633,82.746338,72.122826

8.5549221,2.013859,5.822635,0.766301,6.208537,82.910072,70.921165

8.5574379,2.131108,5.729016,0.754337,6.158917,82.964813,69.595558

8.5599527,2.152643,5.657231,0.653540,6.088123,83.837616,69.167587

8.5624685,2.251048,5.664410,0.567398,6.121658,84.681793,68.327026

8.5649843,2.313261,5.721837,0.471386,6.189734,85.632347,67.987183

8.5674992,2.406581,5.820242,0.368495,6.308933,86.651543,67.535652

8.5700150,2.550450,5.973382,0.287139,6.501426,87.468681,66.879013

8.5725298,2.576771,6.148358,0.234497,6.670610,87.985428,67.261490

8.5750456,2.627020,6.361618,0.186341,6.885211,88.449158,67.561897

8.5775604,2.725126,6.610771,0.138485,7.151767,88.890472,67.597313

8.5800762,2.823531,6.907780,0.133699,7.463754,88.973602,67.767883

8.5825920,2.809174,7.209575,0.045165,7.737665,89.665565,68.711884

8.5851078,2.842673,7.547262,0.018843,8.064881,89.866127,69.361137

8.5876236,2.859423,7.940283,-0.065204,8.439707,90.442665,70.195236

8.5901384,2.914458,8.294720,-0.129811,8.792798,90.845901,70.640411

8.5926542,2.864209,8.594122,-0.263809,9.062683,91.668076,71.568039

8.5951691,2.892923,8.874381,-0.369392,9.341311,92.266289,71.944763

8.5976849,2.931208,9.166604,-0.398106,9.632087,92.368782,72.267265

8.6001997,2.902494,9.480363,-0.422034,9.923702,92.437401,72.977585

8.6027155,2.861816,9.691231,-0.457926,10.115316,92.594704,73.548157

8.6052313,2.876173,9.906884,-0.529711,10.329536,92.939484,73.810898

8.6077471,2.837888,10.139287,-0.582353,10.545040,93.165787,74.363586

8.6102619,2.821138,10.263714,-0.623330,10.662606,93.351395,74.630928

8.6127768,2.790031,10.443475,-0.647259,10.829099,93.426628,75.042442

8.6152925,2.756532,10.560722,-0.702293,10.937118,93.681602,75.371201

8.6178074,2.713162,10.592129,-0.709472,10.957088,93.712502,75.632660

8.6203232,2.686841,10.651949,-0.678365,11.006513,93.533554,75.843063

8.6228399,2.650948,10.671092,-0.685544,11.016792,93.567657,76.048813

8.6253548,2.617449,10.632807,-0.642473,10.969065,93.357811,76.170624

8.6278706,2.574378,10.551151,-0.620937,10.878408,93.272209,76.288292

8.6303854,2.552843,10.508080,-0.524925,10.826463,92.779099,76.345047

8.6329012,2.560021,10.340583,-0.479462,10.663548,92.577042,76.094856

8.6354160,2.562414,10.203893,-0.357428,10.526782,91.945801,75.903313

8.6379309,2.540879,10.055538,-0.294915,10.375784,91.628761,75.819084

8.6404476,2.485844,9.880563,-0.194417,10.190326,91.093185,75.878082

8.6429663,2.397010,9.727123,-0.105882,10.018672,90.605545,76.156677

8.6454821,2.286940,9.590733,-0.009870,9.859632,90.057358,76.588097

8.6479979,2.152643,9.494720,0.042772,9.735781,89.748283,77.225853

8.6505127,1.977967,9.408579,0.131306,9.615142,89.217537,78.127594

8.6530294,1.829313,9.343972,0.169591,9.522865,88.979576,78.923042

8.6555443,1.829313,9.226425,0.279960,9.410191,88.295158,78.785469

8.6580601,1.697708,9.178569,0.306281,9.339280,88.120651,79.520760

8.6605749,1.553839,9.078070,0.351745,9.216805,87.812866,80.287148

8.6630859,1.517947,9.008678,0.401994,9.144509,87.480453,80.435600

8.6656008,1.402792,8.994321,0.435494,9.113467,87.261040,81.135323

8.6681156,1.342972,8.975179,0.457029,9.086599,87.116974,81.489868

8.6706314,1.328615,8.982357,0.498006,9.093733,86.860703,81.586166

8.6731462,1.249652,8.979964,0.529113,9.081924,86.660057,82.077599

8.6756630,1.175474,9.023035,0.541077,9.115353,86.596985,82.577606

8.6781778,1.100998,9.090034,0.512363,9.170793,86.797272,83.093895

8.6806927,1.091426,9.106784,0.521934,9.186791,86.743065,83.165833

8.6832066,1.110569,9.157033,0.514756,9.238484,86.805901,83.084915

8.6857224,1.105783,9.245867,0.476172,9.323923,87.072639,83.179962

8.6882372,1.050748,9.332008,0.428315,9.400740,87.388596,83.575775

8.6907520,1.029213,9.434899,0.382852,9.498589,87.690002,83.774467

8.6932678,1.053141,9.569197,0.339781,9.632969,87.978607,83.719566

8.6957836,1.060320,9.643374,0.327817,9.707028,88.064690,83.725349

8.6982985,1.055534,9.722338,0.330210,9.785042,88.066109,83.803787

8.7008142,1.079462,9.784850,0.330210,9.849750,88.078819,83.704605

8.7033310,1.089033,9.842278,0.263211,9.905842,88.477402,83.685989

8.7058458,1.098605,9.902099,0.212961,9.965131,88.775459,83.669113

8.7083616,1.146760,9.973883,0.176770,10.041147,88.991280,83.441147

8.7108765,1.165903,10.065109,0.140877,10.133390,89.203430,83.392532

8.7133932,1.206581,10.103395,0.095414,10.175634,89.462746,83.189804

8.7159081,1.249652,10.168001,0.083450,10.244844,89.533287,82.993462

8.7184229,1.264009,10.187143,0.028415,10.265302,89.841400,82.926956

8.7209387,1.307079,10.225429,-0.031406,10.308678,90.174553,82.715591

8.7234507,1.299901,10.275678,-0.067597,10.357793,90.373924,82.790230

8.7259655,1.290330,10.314262,-0.139382,10.395595,90.768234,82.869255

8.7284813,1.345365,10.335797,-0.115454,10.423629,90.634628,82.583763

8.7309961,1.369293,10.311870,-0.151346,10.403486,90.833549,82.436058

8.7335110,1.424627,10.331012,-0.235095,10.431425,91.291397,82.148537

8.7360277,1.455733,10.319048,-0.244666,10.424096,91.344925,81.970131

8.7385426,1.489233,10.321441,-0.294915,10.432493,91.619904,81.789719

8.7410574,1.446162,10.352547,-0.302094,10.457432,91.655388,82.047729

8.7435741,1.484447,10.311870,-0.280558,10.421946,91.542587,81.808250

8.7460890,1.508376,10.311870,-0.251845,10.424647,91.384315,81.678040

8.7486038,1.501197,10.333405,-0.256630,10.445032,91.407875,81.734116

8.7511206,1.515554,10.263714,-0.230309,10.377561,91.271667,81.600327

8.7536354,1.556232,10.230214,-0.206381,10.349963,91.142570,81.350410

8.7561512,1.580160,10.208678,-0.184846,10.331902,91.025116,81.201241

8.7586660,1.568196,10.127323,-0.113061,10.248643,90.632088,81.197769

8.7611809,1.551446,10.055538,-0.113061,10.175146,90.636650,81.229126

8.7636976,1.549054,9.966704,-0.117847,10.087053,90.669395,81.165611

8.7662125,1.582553,9.890134,-0.101097,10.016459,90.578300,80.908981

8.7687292,1.563411,9.854242,-0.031406,9.977541,90.180344,80.984962

8.7712440,1.541875,9.753445,-0.033799,9.874624,90.196114,81.016724

8.7737589,1.510768,9.693624,0.033200,9.810701,89.806107,81.141617

8.7762747,1.527518,9.652946,0.126520,9.773877,89.258301,81.007866

8.7787895,1.532304,9.550055,0.167198,9.673647,89.009659,80.884598

8.7813053,1.510768,9.530911,0.251246,9.653177,88.508575,80.992844

8.7838211,1.503590,9.458828,0.260818,9.581140,88.440102,80.967743

8.7863379,1.429412,9.387043,0.311067,9.500345,88.123650,81.341797

8.7888527,1.431805,9.403793,0.375673,9.519587,87.738342,81.342735

8.7913685,1.364507,9.394221,0.394816,9.501008,87.618378,81.735603

8.7938833,1.292722,9.382257,0.399601,9.479323,87.583977,82.154968

8.7963991,1.290330,9.375079,0.392423,9.471592,87.625465,82.163391

8.7989140,1.302294,9.394221,0.447458,9.494608,87.298790,82.107552

8.8014288,1.264009,9.434899,0.421137,9.528504,87.466843,82.369431

8.8039417,1.295115,9.444471,0.406780,9.541532,87.556595,82.191765

8.8064585,1.314258,9.463614,0.404387,9.562990,87.576431,82.093628

8.8089733,1.338186,9.545269,0.382852,9.646215,87.725372,82.019508

8.8114882,1.352543,9.554840,0.337388,9.655992,87.997635,81.942978

8.8140039,1.388435,9.605089,0.334995,9.710701,88.023048,81.774750

8.8165188,1.383650,9.660124,0.287139,9.762937,88.314629,81.848785

8.8190336,1.427020,9.698409,0.308674,9.807691,88.196449,81.629585

8.8215494,1.446162,9.772886,0.275175,9.883138,88.404518,81.582626

8.8240623,1.472483,9.851849,0.253639,9.964510,88.541420,81.499352

8.8265791,1.489233,9.868599,0.220140,9.982761,88.736412,81.418457

8.8290939,1.438984,9.945169,0.200698,10.050738,88.855812,81.766914

8.8316088,1.467698,9.942777,0.148056,10.051610,89.156029,81.602951

8.8341246,1.491626,9.973883,0.066700,10.085025,89.621056,81.494270

8.8366394,1.527518,10.021739,0.119342,10.138186,89.325523,81.333649

8.8391542,1.525125,10.021739,0.109771,10.137716,89.379593,81.347023

8.8416691,1.544268,10.036395,0.083450,10.154849,89.529152,81.252686

8.8441849,1.565803,10.009775,0.112164,10.132123,89.365715,81.109421

8.8467007,1.587339,10.048360,0.155234,10.174148,89.125763,81.023170

8.8492165,1.589732,10.024133,0.171984,10.150866,89.029205,80.988487

8.8517313,1.565803,9.978668,0.169591,10.102194,89.038101,81.082146

8.8542461,1.565803,10.016953,0.167198,10.139973,89.055206,81.115685

8.8567619,1.529911,9.916455,0.207876,10.035932,88.813133,81.229553

8.8592768,1.494019,9.887741,0.260818,10.003377,88.505959,81.407715

8.8617916,1.529911,9.842278,0.275175,9.964275,88.417511,81.164497

8.8643084,1.520340,9.777672,0.291924,9.899470,88.310165,81.161797

8.8668232,1.484447,9.739087,0.361316,9.858191,87.899559,81.333588

8.8693380,1.441377,9.676874,0.387637,9.791308,87.731071,81.528046

8.8718538,1.477269,9.640982,0.399601,9.761686,87.653900,81.288437

8.8743687,1.438984,9.595518,0.358923,9.709452,87.881500,81.471245

8.8768835,1.405484,9.542876,0.418744,9.654906,87.514236,81.621658

8.8793993,1.395614,9.480363,0.457029,9.593430,87.269409,81.625580

8.8819151,1.352543,9.454042,0.392423,9.558363,87.647034,81.858223

8.8844318,1.299901,9.454042,0.375673,9.550382,87.745636,82.171104

8.8869467,1.311865,9.422935,0.380459,9.521420,87.709953,82.074203

8.8894625,1.280758,9.372686,0.452243,9.470592,87.262947,82.218842

8.8919773,1.237687,9.346365,0.447458,9.438571,87.282738,82.456528

8.8944921,1.249652,9.300901,0.416351,9.393707,87.459686,82.347672

8.8970079,1.271187,9.300901,0.433101,9.397354,87.358444,82.217400

8.8995237,1.278365,9.255438,0.495613,9.356441,86.963608,82.136032

8.9020386,1.271187,9.209675,0.507577,9.310836,86.874985,82.141273

8.9045544,1.297508,9.195318,0.505185,9.300140,86.886154,81.968285

8.9070702,1.307079,9.145069,0.514756,9.252336,86.810692,81.865959

8.9095850,1.321436,9.082855,0.514756,9.192901,86.790047,81.722290

8.9120998,1.331008,9.075677,0.536291,9.188422,86.653976,81.656677

8.9146156,1.376471,9.037392,0.562612,9.158912,86.478226,81.339920

8.9171314,1.350150,9.003893,0.576969,9.122822,86.373932,81.471931

8.9196463,1.347757,9.049356,0.612862,9.169673,86.167740,81.528976

8.9221621,1.333400,9.044571,0.603290,9.162214,86.224602,81.613548

8.9246759,1.292722,9.025428,0.653540,9.140929,85.900085,81.848900

8.9271908,1.261616,9.066106,0.696611,9.179935,85.647980,82.077744

8.9297056,1.218545,9.106784,0.713360,9.215598,85.560410,82.378731

8.9322214,1.187438,9.123533,0.725324,9.229029,85.492386,82.584572

8.9347363,1.134497,9.118748,0.715753,9.216884,85.546112,82.908066

8.9372520,1.079462,9.207282,0.734896,9.299427,85.467422,83.313164

8.9397678,1.060320,9.255438,0.787837,9.349230,85.166092,83.464584

8.9422827,1.045963,9.274581,0.842872,9.371357,84.839775,83.565521

8.9448004,1.043570,9.336794,0.864407,9.434615,84.743141,83.622543

8.9473162,1.022034,9.396614,0.895514,9.494359,84.587784,83.792557

8.9498310,1.031606,9.430114,0.902692,9.529223,84.564285,83.756966

8.9523478,1.017249,9.485149,0.897907,9.581706,84.622894,83.878632

8.9548626,1.002892,9.562018,0.924228,9.658788,84.509094,84.012543

8.9573784,0.993321,9.617053,0.912264,9.711160,84.609703,84.102982

8.9598932,0.955035,9.669696,0.895514,9.757923,84.734383,84.359428

8.9624081,0.962214,9.698409,0.929013,9.790202,84.554886,84.334023

8.9649324,0.986142,9.789636,0.986441,9.888504,84.274857,84.247810

8.9674473,0.959821,9.842278,0.919442,9.931620,84.688110,84.430115

8.9699631,0.919143,9.870992,0.885943,9.953200,84.893295,84.680214

8.9724789,0.892822,9.902099,0.888335,9.981875,84.894218,84.847862

8.9749937,0.907179,9.954741,0.921835,10.038406,84.731056,84.792999

8.9775105,0.897608,10.016953,0.914656,10.098597,84.803452,84.879471

8.9800253,0.945464,10.053145,0.876371,10.135466,85.039680,84.627327

8.9825411,0.964607,10.091431,0.876371,10.175238,85.059120,84.539871

8.9850464,1.029213,10.189536,0.845265,10.276205,85.281830,84.232300

8.9875631,1.072284,10.227821,0.840479,10.318165,85.327721,84.014984

8.9900780,1.117747,10.261321,0.778266,10.351317,85.688141,83.783386

8.9925928,1.139582,10.309476,0.699003,10.395795,86.144577,83.692284

8.9951086,1.199402,10.282856,0.706182,10.376627,86.097717,83.347031

8.9976234,1.259223,10.323833,0.687039,10.423013,86.220573,83.045845

9.0001392,1.268794,10.333405,0.648754,10.431202,86.434265,82.999939

9.0026541,1.345365,10.311870,0.596112,10.416334,86.719254,82.566742

9.0051699,1.417448,10.316655,0.555434,10.428377,86.946877,82.176872

9.0076847,1.386042,10.323833,0.555434,10.431258,86.947723,82.353386

9.0101995,1.386042,10.364511,0.500399,10.468744,87.260254,82.383049

9.0127153,1.424627,10.393225,0.471386,10.500995,87.427147,82.194954

9.0152302,1.484447,10.340583,0.473779,10.457328,87.403275,81.830688

9.0177450,1.508376,10.359726,0.440279,10.478214,87.591805,81.715950

9.0202608,1.522732,10.287642,0.418744,10.408152,87.694237,81.580460

9.0227757,1.568196,10.282856,0.390030,10.409058,87.852608,81.328865

9.0252934,1.611267,10.256536,0.349352,10.388203,88.072800,81.071999

9.0278082,1.656731,10.258928,0.337388,10.397317,88.140450,80.826416

9.0303240,1.695315,10.273285,0.356531,10.418329,88.038872,80.629402

9.0328388,1.781456,10.249356,0.366102,10.409463,87.984489,80.139839

9.0353537,1.776671,10.242178,0.387637,10.402357,87.864418,80.159050

9.0378695,1.800599,10.239785,0.390030,10.404205,87.851608,80.026871

9.0403843,1.862812,10.227821,0.378066,10.402948,87.917290,79.677757

9.0429010,1.898705,10.153644,0.406780,10.337651,87.744865,79.408165

9.0454168,1.934597,10.115358,0.413958,10.307013,87.698219,79.172737

9.0479317,1.982753,10.067502,0.413958,10.269238,87.689751,78.858429

9.0504465,2.025823,10.069895,0.459422,10.281917,87.439026,78.625282

9.0529623,2.061716,10.009775,0.478565,10.231094,87.318985,78.361534

9.0554771,2.071287,9.957133,0.483649,10.181780,87.277344,78.248894

9.0579939,2.066501,9.914063,0.567398,10.143027,86.793213,78.225777

9.0605087,2.116751,9.868599,0.584148,10.109951,86.687637,77.893860

9.0630236,2.123929,9.787243,0.672682,10.037614,86.157379,77.756088

9.0655394,2.181357,9.686445,0.696611,9.953432,85.986763,77.308884

9.0680552,2.207977,9.684052,0.739681,9.960078,85.741028,77.156044

9.0705700,2.178964,9.573982,0.768694,9.848853,85.523560,77.178329

9.0730858,2.164607,9.530911,0.859622,9.811358,84.973587,77.204361

9.0756016,2.085644,9.470792,0.900300,9.739422,84.696083,77.580635

9.0781164,2.049752,9.434899,0.936192,9.700272,84.461655,77.742844

9.0806322,2.085644,9.406186,0.976870,9.684034,84.210480,77.498009

9.0831470,2.011467,9.346365,1.015454,9.614140,83.937057,77.854416

9.0856667,1.985145,9.341579,1.027418,9.605285,83.859673,78.002747

9.0881824,1.922633,9.332008,1.106381,9.592027,83.376541,78.358490

9.0906982,1.855634,9.317652,1.123131,9.566788,83.257988,78.736763

9.0932131,1.788635,9.253045,1.125524,9.491304,83.189568,79.059525

9.0957289,1.709672,9.241081,1.166202,9.469983,82.926231,79.518349

9.0982437,1.683351,9.226425,1.163809,9.450664,82.926315,79.660179

9.1007595,1.666302,9.226425,1.197309,9.451827,82.722511,79.762672

9.1032753,1.601696,9.233903,1.187737,9.446752,82.777100,80.159492

9.1057901,1.515554,9.274581,1.115953,9.463620,83.227913,80.719353

9.1083050,1.455733,9.293723,1.106381,9.471881,83.292145,81.097740

9.1108208,1.422234,9.305687,1.075275,9.474956,83.483696,81.310448

9.1133356,1.347757,9.377472,1.092024,9.536559,83.424675,81.821289

9.1158514,1.287937,9.387043,1.111167,9.539919,83.311264,82.187584

9.1183662,1.244866,9.355937,1.103989,9.502738,83.328552,82.420952

9.1208820,1.199402,9.408579,1.115953,9.550145,83.289551,82.735138

9.1233978,1.165903,9.434899,1.065703,9.566211,83.603806,82.955475

9.1259098,1.151546,9.470792,1.034597,9.596476,83.810905,83.067482

9.1284266,1.067498,9.473185,1.051346,9.590939,83.706665,83.570671

9.1309414,1.053141,9.482756,1.051346,9.598806,83.711845,83.662781

9.1334572,0.990928,9.540483,1.020240,9.645913,83.928520,84.070206

9.1359720,0.928714,9.593125,0.981655,9.687839,84.184319,84.470406

9.1384878,0.895215,9.631411,1.007977,9.725302,84.050911,84.689766

9.1410027,0.844666,9.609875,1.015454,9.700222,83.991066,84.976860

9.1435175,0.825524,9.638589,1.017847,9.727276,83.993668,85.104691

9.1460276,0.856631,9.667302,1.039382,9.760679,83.887177,84.936180

9.1485424,0.827917,9.693624,1.092024,9.790010,83.595627,85.118309

9.1510592,0.851845,9.657731,1.089632,9.756265,83.587524,84.959358

9.1535740,0.856631,9.679267,1.123131,9.781792,83.406837,84.942413

9.1560888,0.854238,9.660124,1.111167,9.761271,83.463608,84.946518

9.1586046,0.859023,9.674481,1.096810,9.774278,83.557045,84.925858

9.1611195,0.883251,9.667302,1.163809,9.777081,83.163620,84.779678

9.1636343,0.928714,9.691231,1.173380,9.806085,83.127609,84.526039

9.1661539,0.971785,9.707980,1.173380,9.826803,83.142174,84.283638

9.1686697,0.923929,9.724730,1.175773,9.839028,83.136696,84.572723

9.1711845,0.914357,9.703195,1.199701,9.819741,82.982506,84.616768

9.1737003,0.947857,9.717552,1.187737,9.835649,83.064125,84.428955

9.1762152,0.947857,9.736694,1.199701,9.856009,83.008453,84.439835

9.1787300,0.902393,9.727123,1.240379,9.847323,82.763741,84.699791

9.1812458,0.854238,9.698409,1.240379,9.814652,82.739525,84.966370

9.1837616,0.871287,9.719945,1.247558,9.838337,82.714951,84.877754

9.1862774,0.839881,9.758230,1.257129,9.874656,82.685905,85.080734

9.1887932,0.847059,9.736694,1.283749,9.857420,82.517014,85.027977

9.1913080,0.847059,9.731909,1.264308,9.850180,82.625526,85.025551

9.1938238,0.820738,9.789636,1.249951,9.903179,82.748955,85.207672

9.1963387,0.818345,9.775279,1.230808,9.886387,82.848389,85.214600

9.1988535,0.842274,9.746265,1.175773,9.852998,83.146477,85.060760

9.2013702,0.883251,9.775279,1.209273,9.889315,82.976250,84.837029

9.2038851,0.844666,9.758230,1.149452,9.861936,83.306709,85.052841

9.2063732,0.818345,9.770494,1.144667,9.871296,83.341049,85.212265

9.2088881,0.835095,9.731909,1.120738,9.831759,83.454536,85.095467

9.2114029,0.837488,9.698409,1.058525,9.791884,83.794067,85.064575

9.2139177,0.832702,9.631411,1.027418,9.721782,83.933533,85.058670

9.2164316,0.914357,9.552447,1.039382,9.652234,83.818230,84.532326

9.2189465,1.029213,9.444471,1.056132,9.558908,83.656631,83.780724

9.2214613,0.935893,9.521340,1.025025,9.621980,83.884705,84.386192

9.2239771,0.780060,9.593125,1.044168,9.681262,83.808350,85.351250

9.2265148,0.739382,9.559626,1.068096,9.647485,83.643616,85.577309

9.2290316,0.720240,9.530911,1.003191,9.610588,84.008324,85.678436

9.2315464,0.756132,9.444471,0.991227,9.526401,84.027534,85.422615

9.2340622,0.772882,9.401401,0.998405,9.485805,83.958282,85.300331

9.2365770,0.763310,9.341579,0.967299,9.422495,84.107727,85.328682

9.2390919,0.715454,9.300901,0.957727,9.377414,84.138084,85.601295

9.2416077,0.689133,9.298509,1.005584,9.378079,83.844505,85.761436

9.2441225,0.681954,9.291330,0.984048,9.368150,83.970421,85.802200

9.2466402,0.631705,9.245867,1.027418,9.324199,83.673828,86.091454

9.2491550,0.634098,9.216854,1.099203,9.303802,83.214912,86.064384

9.2516699,0.602991,9.195318,1.159024,9.287670,82.831276,86.248146

9.2541857,0.576371,9.173783,1.175773,9.266767,82.710625,86.404945

9.2567005,0.545264,9.161819,1.240379,9.261467,82.303307,86.594063

9.2592154,0.485444,9.164211,1.295713,9.268079,81.963501,86.967781

9.2617311,0.492622,9.168997,1.326820,9.277588,81.777740,86.924629

9.2642469,0.523729,9.099606,1.372284,9.217390,81.437981,86.705971

9.2667637,0.490230,9.073284,1.422533,9.197196,81.102325,86.907318

9.2692795,0.423230,9.171391,1.479961,9.299667,80.842941,87.357857

9.2717943,0.372981,9.257831,1.496711,9.385450,80.823784,87.692902

9.2743092,0.300897,9.288938,1.484746,9.411662,80.923325,88.144661

9.2768250,0.310469,9.296116,1.532603,9.426719,80.643280,88.087166

9.2793407,0.269791,9.396614,1.566401,9.530097,80.539734,88.355408

9.2818565,0.209970,9.473185,1.534996,9.599038,80.798248,88.730263

9.2843714,0.102293,9.530911,1.487139,9.646778,81.131966,89.385078

9.2868891,0.049352,9.562018,1.470389,9.674538,81.257996,89.704285

9.2894039,-0.077468,9.640982,1.458425,9.750977,81.398163,90.460373

9.2919197,-1.019043,9.823135,1.333999,9.965541,82.307228,95.922630

9.2944355,-1.569991,9.981061,1.170988,10.171414,83.389145,98.939209

9.2969513,-0.300299,9.976275,1.607080,10.109349,80.852905,91.724159

9.2994661,0.463908,9.926026,1.654936,10.073730,80.544449,87.324142

9.3019819,0.200399,9.961919,1.396212,10.061282,82.023277,88.847565

9.3044968,-0.096610,10.012168,1.269093,10.092742,82.776329,90.552849

9.3070126,-0.020040,10.038788,1.281057,10.120216,82.727760,90.114380

9.3095284,0.320040,10.007382,1.302892,10.096913,82.585960,88.168282

9.3120441,0.459123,9.997811,1.283749,10.090343,82.690704,87.370689

9.3145599,0.164507,10.014561,1.151845,10.081926,83.439720,89.058899

9.3170748,-0.063111,9.981061,1.077667,10.039269,83.837700,90.362282

9.3195906,-0.058325,9.997811,1.108774,10.059275,83.671768,90.334244

9.3221054,-0.376870,10.378868,1.170988,10.451514,83.567078,92.079567

9.3246212,-0.360120,10.424332,1.142274,10.492909,83.750313,91.978561

9.3271341,-0.273978,10.409975,1.137488,10.475520,83.766228,91.507607

9.3296509,-0.199502,10.448260,1.192523,10.517987,83.489838,91.093887

9.3321657,-0.027218,10.429117,1.161416,10.493623,83.645584,90.149536

9.3346806,-0.082253,10.589736,1.168595,10.654337,83.702988,90.445023

9.3371964,-0.113360,10.625628,1.111167,10.684172,84.030373,90.611237

9.3397112,-0.094217,10.647163,1.082453,10.702461,84.195145,90.507004

9.3422270,-0.029611,10.706984,1.063311,10.759693,84.328575,90.158455

9.3447418,0.025424,10.764412,1.068096,10.817303,84.333405,89.864677

9.3472614,0.164507,10.673485,1.032204,10.724542,84.476906,89.116989

9.3497763,0.238684,10.663913,1.077667,10.720884,84.230865,88.717796

9.3522921,0.135793,10.829018,1.108774,10.886479,84.154358,89.281563

9.3548069,0.174078,10.824232,1.123131,10.883737,84.076904,89.078636

9.3573227,0.209970,10.747662,1.123131,10.808226,84.035370,88.880791

9.3598375,0.238684,10.625628,1.159024,10.691319,83.776451,88.713181

9.3623543,0.392124,10.469795,1.202094,10.545872,83.454788,87.855110

9.3648691,0.416052,10.376475,1.286142,10.464153,82.939964,87.703918

9.3673830,0.346660,10.369297,1.357927,10.463577,82.543320,88.085236

9.3698988,0.447159,10.235000,1.405783,10.340764,82.186684,87.498383

9.3724136,0.466301,10.026525,1.436890,10.139689,81.853226,87.337280

9.3749294,0.523729,9.870992,1.527817,10.002250,81.213829,86.962883

9.3774443,0.554836,9.703195,1.575973,9.845990,80.789482,86.727348

9.3799591,0.554836,9.562018,1.628615,9.715577,80.349991,86.679138

9.3824759,0.626920,9.420543,1.683650,9.590325,79.888924,86.192688

9.3849907,0.701097,9.207282,1.674079,9.384461,79.724098,85.645561

9.3875084,0.492622,9.279366,1.844268,9.473681,78.774391,86.961136

9.3900232,0.514158,9.166604,1.884946,9.372514,78.397873,86.789627

9.3925390,0.499801,9.106784,1.913660,9.319088,78.150101,86.858627

9.3950539,0.212363,9.106784,1.939981,9.313546,77.977448,88.664146

9.3975706,-1.313660,9.147462,1.745863,9.404775,79.301796,98.172325

9.4000854,-0.503988,9.003893,1.887339,9.213367,78.179405,93.203758

9.4026012,0.919143,8.883952,2.296811,9.221972,75.578194,84.093132

9.4051161,1.041177,8.931808,2.081157,9.229977,76.969009,83.351067

9.4076290,0.703490,8.972786,1.868196,9.192167,78.273636,85.517029

9.4101448,0.420838,9.075677,1.791327,9.260339,78.846352,87.345108

9.4126596,0.181256,9.178569,1.676471,9.332177,79.650963,88.868683

9.4151745,0.607777,9.166604,1.765006,9.354745,79.124535,86.206650

9.4176912,0.643669,9.250652,1.693221,9.426339,79.651993,86.019722

9.4202061,0.214756,9.355937,1.532603,9.483067,80.699371,88.685066

9.4227219,0.150150,9.410972,1.511068,9.532694,80.879333,89.085938

9.4252367,0.121436,9.456435,1.429712,9.564673,81.403305,89.264275

9.4277525,0.092722,9.518948,1.374677,9.618144,81.782837,89.441910

9.4302673,0.102293,9.612267,1.355534,9.707915,81.973457,89.390282

9.4327841,0.114257,9.698409,1.319642,9.788445,82.252007,89.325027

9.4352989,0.152542,9.760623,1.273879,9.844582,82.565140,89.104637

9.4378147,0.171685,9.787243,1.249951,9.868231,82.723137,88.995033

9.4403296,0.154935,9.830314,1.252344,9.910975,82.740746,89.097038

9.4428453,0.190828,9.880563,1.159024,9.950139,83.310822,88.893562

9.4453602,0.224327,9.878170,1.120738,9.944075,83.528778,88.699074

9.4478769,0.236291,9.923634,1.149452,9.992776,83.394745,88.635994

9.4503927,0.279362,9.966704,1.170988,10.039146,83.301651,88.394447

9.4529085,0.269791,9.961919,1.178166,10.034973,83.257584,88.448685

9.4554234,0.305683,10.028918,1.175773,10.102232,83.316338,88.254158

9.4579391,0.296112,9.988240,1.154238,10.059071,83.411026,88.301903

9.4604540,0.487837,9.868599,1.159024,9.948395,83.309647,87.169991

9.4629698,0.521336,9.784850,1.211666,9.873359,82.950851,86.950165

9.4654846,0.200399,10.072288,1.336391,10.162533,82.443619,88.860191

9.4679976,0.248255,10.019346,1.295713,10.105830,82.633575,88.580635

9.4705133,0.288933,9.902099,1.286142,9.989454,82.602638,88.328644

9.4730291,0.267398,9.882956,1.273879,9.968304,82.657928,88.450157

9.4755440,0.303290,9.902099,1.295713,9.991117,82.548523,88.245644

9.4780598,0.257827,9.851849,1.273879,9.937211,82.634827,88.500893

9.4805746,0.286541,9.751051,1.290928,9.840304,82.461761,88.316811

9.4830894,0.291326,9.698409,1.266701,9.785118,82.562088,88.279434

9.4856052,0.329611,9.679267,1.269093,9.767673,82.534576,88.049644

9.4881220,0.324826,9.583553,1.276272,9.673617,82.418678,88.058754

9.4906368,0.276969,9.590733,1.261915,9.677361,82.507370,88.345825

9.4931526,0.248255,9.631411,1.281057,9.719403,82.426140,88.523491

9.4956675,0.300897,9.614660,1.336391,9.711754,82.090683,88.207474

9.4981833,0.310469,9.545269,1.360320,9.646710,81.893486,88.137062

9.5006981,0.315254,9.487542,1.345963,9.587725,81.929932,88.096863

9.5032129,0.320040,9.466006,1.369891,9.569969,81.770142,88.063599

9.5057297,0.324826,9.410972,1.341177,9.511607,81.894035,88.023186

9.5082445,0.361017,9.420543,1.310070,9.518048,82.088654,87.805367

9.5107594,0.351446,9.446864,1.353141,9.549751,81.854126,87.869446

9.5132751,0.322433,9.461221,1.338784,9.560910,81.950600,88.048149

9.5157900,0.334696,9.442079,1.324427,9.540386,82.020241,87.969872

9.5183058,0.298505,9.439685,1.355534,9.541185,81.832245,88.188782

9.5208206,0.322433,9.449257,1.300499,9.543779,82.168129,88.045677

9.5233374,0.346660,9.487542,1.290928,9.581238,82.256706,87.907433

9.5258522,0.346660,9.477970,1.281057,9.570434,82.307541,87.905319

9.5283680,0.320040,9.499506,1.242772,9.585798,82.550789,88.070427

9.5308828,0.329611,9.516555,1.226022,9.600864,82.663345,88.016319

9.5333986,0.353839,9.550055,1.187737,9.630133,82.915359,87.878105

9.5359135,0.317647,9.562018,1.194916,9.641624,82.880859,88.097351

9.5384293,0.334696,9.636196,1.218844,9.718739,82.795464,88.010735

9.5409451,0.288933,9.652946,1.173380,9.728292,83.072388,88.285530

9.5434608,0.276969,9.657731,1.149452,9.729836,83.215416,88.357292

9.5459757,0.312862,9.672089,1.170988,9.747738,83.100441,88.147308

9.5484934,0.305683,9.696016,1.199701,9.774736,82.950035,88.194252

9.5510092,0.286541,9.703195,1.156631,9.776088,83.205292,88.308517

9.5535240,0.298505,9.741480,1.139881,9.812486,83.329094,88.244858

9.5560408,0.322433,9.729516,1.168595,9.804747,83.154839,88.101929

9.5585556,0.339482,9.743873,1.149452,9.817308,83.276146,88.004593

9.5610714,0.324826,9.731909,1.103989,9.799712,83.531601,88.088326

9.5635872,0.320040,9.770494,1.142274,9.842243,83.335335,88.123901

9.5661020,0.291326,9.789636,1.175773,9.864293,83.154358,88.295456

9.5686121,0.322433,9.818350,1.230808,9.900447,82.858604,88.119095

9.5711279,0.315254,9.763016,1.269093,9.850201,82.597473,88.150520

9.5736427,0.344267,9.748658,1.298106,9.840729,82.419930,87.977478

9.5761576,0.334696,9.775279,1.314856,9.868989,82.343658,88.039017

9.5786743,0.334696,9.765409,1.360320,9.865378,82.074333,88.037033

9.5811892,0.281755,9.746265,1.396212,9.849796,81.850853,88.344093

9.5837040,0.284148,9.736694,1.432104,9.845551,81.636253,88.328400

9.5862198,0.245863,9.710373,1.482354,9.825943,81.323158,88.549606

9.5887346,0.253041,9.640982,1.491925,9.759016,81.206337,88.496536

9.5912495,0.272184,9.640982,1.515853,9.763218,81.068031,88.382858

9.5937653,0.221934,9.595518,1.515853,9.717049,81.025238,88.675041

9.5962801,0.250648,9.597911,1.499103,9.717512,81.125641,88.504066

9.5987959,0.236291,9.578768,1.465604,9.693122,81.303505,88.586899

9.6013117,0.209970,9.552447,1.446461,9.663622,81.391556,88.740799

9.6038265,0.176471,9.550055,1.487139,9.666761,81.150444,88.941383

9.6063414,0.162114,9.571589,1.470389,9.685229,81.267715,89.029678

9.6088591,0.178863,9.562018,1.465604,9.675339,81.287392,88.928375

9.6113739,0.150150,9.576375,1.523032,9.697893,80.964424,89.101723

9.6138897,0.157328,9.581161,1.446461,9.691008,81.416069,89.059258

9.6164055,0.147757,9.588340,1.496711,9.705578,81.128937,89.117142

9.6189203,0.183649,9.607482,1.515853,9.728065,81.035484,88.904915

9.6214361,0.164507,9.638589,1.491925,9.754758,81.202469,89.022202

9.6239510,0.193220,9.631411,1.513460,9.751511,81.071449,88.850716

9.6264658,0.224327,9.640982,1.465604,9.754324,81.358490,88.667076

9.6289806,0.214756,9.657731,1.422533,9.764297,81.622925,88.726143

9.6314955,0.198006,9.648160,1.393819,9.750330,81.781357,88.824303

9.6340122,0.241077,9.638589,1.377069,9.739448,81.871658,88.567238

9.6365271,0.260219,9.652946,1.367498,9.752801,81.939659,88.455818

9.6390419,0.288933,9.629018,1.295713,9.720099,82.339531,88.281265

9.6415577,0.310469,9.684052,1.290928,9.774649,82.410835,88.163734

9.6440725,0.320040,9.717552,1.271486,9.805607,82.549515,88.113693

9.6465883,0.363410,9.739087,1.271486,9.828457,82.566940,87.863022

9.6491337,0.372981,9.753445,1.271486,9.843042,82.578011,87.810020

9.6516638,0.406481,9.770494,1.257129,9.859419,82.674538,87.617706

9.6541805,0.413659,9.806385,1.240379,9.893171,82.797455,87.584541

9.6566963,0.475873,9.823135,1.202094,9.907849,83.031281,87.226524

9.6592121,0.463908,9.854242,1.168595,9.934129,83.244408,87.304672

9.6617298,0.497408,9.911670,1.163809,9.992150,83.311447,87.127075

9.6642456,0.557229,9.959526,1.132702,10.039207,83.521645,86.797676

9.6667624,0.566800,9.964312,1.094417,10.040244,83.742149,86.744354

9.6692247,0.600299,9.981061,1.089632,10.058291,83.780846,86.558159

9.6717405,0.643669,10.004990,1.039382,10.079407,84.081169,86.318962

9.6742554,0.653241,10.014561,1.027418,10.088297,84.154716,86.267937

9.6767702,0.617348,9.993026,1.044168,10.066379,84.046097,86.464882

9.6792850,0.600299,9.971490,1.027418,10.042238,84.127815,86.554863

9.6817999,0.595514,9.997811,1.022633,10.067604,84.170036,86.591240

9.6843157,0.523729,9.961919,1.060918,10.031933,83.929390,86.990555

9.6868305,0.518943,9.916455,1.046561,9.985023,83.983604,87.004356

9.6893473,0.506979,9.928419,1.070489,9.998824,83.854050,87.076820

9.6918621,0.497408,9.902099,1.101596,9.975595,83.659950,87.124306

9.6943769,0.492622,9.870992,1.115953,9.946080,83.557831,87.142960

9.6968918,0.451944,9.861421,1.130310,9.936271,83.468124,87.375999

9.6994076,0.425623,9.808778,1.159024,9.886183,83.267349,87.515373

9.7019224,0.408874,9.777672,1.221237,9.862123,82.886749,87.605453

9.7044373,0.337089,9.777672,1.276272,9.866376,82.567642,88.025490

9.7069521,0.322433,9.751051,1.278665,9.839814,82.533409,88.106117

9.7094698,0.298505,9.707980,1.317249,9.801486,82.276489,88.238800

9.7119856,0.186042,9.729516,1.348356,9.824264,82.111397,88.904556

9.7145004,0.119043,9.739087,1.405783,9.840742,81.787010,89.299698

9.7170153,0.054138,9.712767,1.396212,9.812756,81.819885,89.680641

9.7195301,0.025424,9.698409,1.350748,9.792053,82.071144,89.849800

9.7220449,0.020638,9.710373,1.377069,9.807553,81.928482,89.878227

9.7245607,0.003888,9.679267,1.329213,9.770109,82.180717,89.976982

9.7270765,0.001496,9.664909,1.317249,9.754262,82.238869,89.991135

9.7295942,-0.005683,9.607482,1.333999,9.699655,82.095024,90.033890

9.7321100,0.003888,9.573982,1.305285,9.662552,82.236351,89.976730

9.7346249,-0.003290,9.504591,1.322034,9.596094,82.081291,90.019836

9.7371397,0.011067,9.444471,1.329213,9.537556,81.988831,89.932861

9.7396555,-0.008076,9.439685,1.300499,9.528852,82.155785,90.049019

9.7421713,-0.051147,9.444471,1.343570,9.539698,81.903549,90.310280

9.7446861,-0.010469,9.475577,1.353141,9.571712,81.872940,90.063301

9.7472019,0.006281,9.449257,1.367498,9.547698,81.765320,89.961914

9.7497215,0.046959,9.477970,1.386641,9.578982,81.676697,89.716125

9.7522364,0.080758,9.485149,1.345963,9.580511,81.923820,89.512192

9.7547522,0.087936,9.487542,1.338784,9.581938,81.968384,89.468964

9.7572680,0.054138,9.514162,1.302892,9.603110,82.202408,89.673981

9.7597828,0.083151,9.609875,1.288535,9.696233,82.363358,89.504257

9.7622986,0.080758,9.696016,1.257129,9.777507,82.612823,89.522797

9.7648134,0.080758,9.780065,1.242772,9.859040,82.758369,89.526894

9.7673283,0.131007,9.890134,1.240379,9.968473,82.852150,89.241089

9.7698412,0.147757,10.009775,1.261915,10.090088,82.815498,89.154305

9.7723570,0.202792,10.129716,1.264308,10.210325,82.887016,88.853119

9.7748718,0.279362,10.263714,1.264308,10.345063,82.980125,88.440887

9.7773886,0.389731,10.369297,1.216451,10.447678,83.313736,87.847549

9.7799034,0.435195,10.460224,1.175773,10.535090,83.592133,87.617599

9.7824183,0.471087,10.529616,1.142274,10.601865,83.814789,87.438339

9.7849340,0.526122,10.601700,1.142274,10.676031,83.857925,87.158958

9.7874489,0.542872,10.608878,1.135095,10.683232,83.900803,87.070648

9.7899189,0.523729,10.613664,1.089632,10.682296,84.145447,87.175041

9.7923985,0.590728,10.560722,1.082453,10.632475,84.156807,86.798424

9.7949114,0.636491,10.493724,1.101596,10.570566,84.018143,86.529007

9.7974253,0.658026,10.395618,1.096810,10.474010,83.989120,86.378098

9.7999382,0.684347,10.287642,1.137488,10.372935,83.704330,86.194214

9.8024511,0.758525,10.134501,1.163809,10.229269,83.467171,85.719635

9.8049650,0.794417,9.978668,1.190130,10.080741,83.219856,85.448196

9.8074780,0.777667,9.803992,1.281057,9.917870,82.578568,85.464706

9.8100233,0.789631,9.674481,1.322034,9.796268,82.244102,85.333862

9.8125677,0.736989,9.449257,1.379462,9.577814,81.719070,85.540276

9.8151121,0.701097,9.370294,1.487139,9.513439,81.006653,85.721031

9.8176355,0.696311,9.334401,1.552045,9.488136,80.585396,85.733849

9.8201513,0.674776,9.233903,1.626222,9.400260,80.037849,85.820488

9.8226671,0.648455,9.128320,1.698007,9.307521,79.488441,85.936661

9.8251839,0.583550,9.085249,1.741078,9.268960,79.173271,86.324913

9.8276997,0.550050,9.051749,1.791327,9.243678,78.825989,86.522568

9.8302174,0.540479,9.034999,1.810469,9.230445,78.688606,86.576614

9.8327332,0.497408,9.025428,1.793720,9.215378,78.776062,86.845512

9.8352489,0.442373,9.006286,1.741078,9.183694,79.071518,87.187988

9.8377657,0.439980,9.032606,1.712364,9.204007,79.277908,87.211311

9.8402805,0.382553,9.070891,1.657329,9.228984,79.654778,87.585060

9.8427963,0.387338,9.087642,1.609472,9.237189,79.965668,87.559387

9.8453121,0.346660,9.168997,1.546960,9.305039,80.430161,87.834801

9.8478279,0.344267,9.238688,1.515853,9.368548,80.688477,87.865936

9.8503428,0.322433,9.260223,1.465604,9.381029,81.011826,88.005814

9.8528595,0.327219,9.353543,1.422533,9.466754,81.357651,87.996414

9.8553743,0.276969,9.430114,1.369891,9.533119,81.738106,88.317665

9.8578901,0.245863,9.475577,1.329213,9.571511,82.017433,88.513680

9.8604059,0.272184,9.552447,1.276272,9.641172,82.393013,88.367882

9.8629217,0.267398,9.619446,1.302892,9.710961,82.289536,88.407722

9.8654375,0.250648,9.645767,1.281057,9.733692,82.437325,88.511490

9.8679543,0.284148,9.686445,1.266701,9.773049,82.552849,88.319733

9.8704634,0.267398,9.736694,1.204487,9.814556,82.950630,88.426888

9.8729782,0.293719,9.765409,1.214058,9.844969,82.916389,88.277206

9.8754950,0.317647,9.844670,1.209273,9.923748,83.000748,88.151939

9.8780107,0.320040,9.873384,1.166202,9.947168,83.267181,88.143440

9.8805256,0.334696,9.926026,1.154238,9.998514,83.370941,88.068771

9.8830414,0.320040,9.969097,1.175773,10.043295,83.276939,88.161255

9.8855572,0.300897,9.988240,1.154238,10.059213,83.411118,88.274475

9.8880720,0.322433,10.012168,1.192523,10.088091,83.211136,88.155479

9.8905897,0.315254,10.055538,1.223630,10.134619,83.065323,88.204292

9.8931055,0.305683,10.026525,1.233201,10.106703,82.991409,88.253738

9.8956213,0.320040,10.053145,1.230808,10.133265,83.023506,88.176613

9.8981361,0.305683,10.069895,1.235594,10.150021,83.007866,88.261253

9.9006519,0.300897,10.069895,1.242772,10.150753,82.967545,88.288460

9.9031687,0.286541,10.041182,1.233201,10.120683,83.001137,88.365417

9.9056845,0.272184,10.036395,1.202094,10.111792,83.172508,88.446541

9.9081993,0.296112,10.014561,1.185344,10.088814,83.252678,88.306366

9.9107151,0.231506,9.976275,1.199701,10.050818,83.144630,88.670654

9.9132309,0.183649,9.978668,1.216451,10.054218,83.050812,88.945641

9.9157467,0.200399,9.942777,1.206880,10.017760,83.080536,88.845345

9.9182634,0.188435,9.945169,1.216451,10.021061,83.027702,88.914528

9.9207783,0.162114,9.863813,1.192523,9.936962,83.107391,89.058418

9.9232941,0.138186,9.847063,1.216451,9.922877,82.958366,89.196014

9.9258099,0.123829,9.772886,1.271486,9.856030,82.587845,89.274063

9.9283257,0.176471,9.751051,1.278665,9.836113,82.530586,88.963196

9.9308376,0.152542,9.712767,1.252344,9.794359,82.653839,89.100220

9.9333525,0.164507,9.676874,1.293321,9.764304,82.388580,89.026070

9.9358683,0.152542,9.590733,1.341177,9.685256,82.040321,89.088776

9.9383850,0.135793,9.595518,1.350748,9.691074,81.987991,89.189224

9.9408998,0.162114,9.585947,1.377069,9.685711,81.826256,89.031128

9.9434156,0.152542,9.557233,1.360320,9.654762,81.900291,89.085587

9.9459314,0.142971,9.550055,1.389034,9.651601,81.725403,89.142303

9.9484463,0.128614,9.600304,1.429712,9.707031,81.530312,89.232460

9.9509630,0.111864,9.636196,1.429712,9.742323,81.561218,89.334892

9.9534788,0.095115,9.614660,1.451247,9.724035,81.416924,89.433212

9.9559946,0.107079,9.640982,1.467997,9.752692,81.342812,89.363663

9.9585104,0.068794,9.667302,1.436890,9.773746,81.546005,89.592285

9.9610252,0.061316,9.674481,1.484746,9.787943,81.275047,89.636871

9.9635410,0.049352,9.691231,1.446461,9.798706,81.511116,89.708229

9.9660568,0.034995,9.748658,1.439283,9.854395,81.601631,89.794327

9.9685717,0.025424,9.751051,1.477568,9.862395,81.383598,89.850616

9.9710827,0.003888,9.743873,1.458425,9.852415,81.487381,89.977135

9.9735985,-0.034397,9.748658,1.475175,9.859699,81.395287,90.202156

9.9761143,-0.010469,9.775279,1.467997,9.884898,81.459465,90.061363

9.9786301,-0.012861,9.780065,1.472782,9.890345,81.436172,90.075348

9.9811449,-0.051147,9.748658,1.491925,9.862291,81.299141,90.300598

9.9836607,-0.043968,9.739087,1.491925,9.852796,81.290688,90.258667

9.9861755,-0.053539,9.739087,1.439283,9.845010,81.593567,90.314972

9.9886913,-0.051147,9.739087,1.400998,9.839473,81.814095,90.300896

9.9912043,-0.065504,9.727123,1.417747,9.830118,81.707603,90.385834

9.9937210,-0.005683,9.715159,1.381855,9.812944,81.904724,90.033516

9.9962358,0.006281,9.684052,1.427319,9.788674,81.615623,89.962837

9.9987516,0.025424,9.686445,1.422533,9.790377,81.645401,89.849617

10.0012665,0.034995,9.631411,1.405783,9.733526,81.695908,89.791824

10.0037823,0.051745,9.643374,1.410569,9.746130,81.678284,89.692566

10.0062971,0.090329,9.621839,1.393819,9.722689,81.757828,89.462128

10.0088129,0.111864,9.602696,1.343570,9.696879,82.035652,89.332573

10.0113287,0.131007,9.650553,1.372284,9.748512,81.907677,89.222252

10.0138435,0.142971,9.643374,1.367498,9.740901,81.929749,89.150604

10.0163593,0.176471,9.643374,1.374677,9.742461,81.888405,88.951622

10.0188742,0.221934,9.669696,1.369891,9.768770,81.938751,88.685204

10.0213900,0.226720,9.672089,1.367498,9.770913,81.954697,88.657196

10.0239048,0.217149,9.676874,1.350748,9.773105,82.055672,88.714500

10.0264206,0.274576,9.657731,1.333999,9.753292,82.138771,88.371475

10.0289354,0.298505,9.662517,1.298106,9.753892,82.352043,88.230522

10.0314369,0.284148,9.686445,1.314856,9.779408,82.273094,88.319733

10.0339518,0.248255,9.696016,1.307678,9.786950,82.321495,88.533325

10.0364666,0.288933,9.741480,1.264308,9.827430,82.608360,88.301102

10.0389814,0.312862,9.768100,1.273879,9.855782,82.573631,88.165504

10.0414963,0.262612,9.792028,1.281057,9.878962,82.549171,88.463753

10.0440121,0.281755,9.811171,1.273879,9.897536,82.605141,88.355049

10.0465269,0.262612,9.796814,1.269093,9.882162,82.621552,88.464500

10.0490417,0.260219,9.782457,1.254736,9.866030,82.693481,88.476257

10.0515785,0.241077,9.801600,1.264308,9.885744,82.652206,88.591057

10.0540934,0.279362,9.813564,1.261915,9.898309,82.675545,88.369408

10.0566092,0.262612,9.784850,1.278665,9.871537,82.557541,88.462624

10.0591259,0.260219,9.775279,1.269093,9.860750,82.605438,88.475136

10.0616407,0.236291,9.748658,1.235594,9.829490,82.778664,88.611519

10.0641565,0.219541,9.743873,1.242772,9.825260,82.733337,88.709274

10.0666714,0.209970,9.751051,1.269093,9.835531,82.586372,88.766434

10.0691872,0.188435,9.772886,1.242772,9.853390,82.754196,88.895393

10.0716982,0.178863,9.772886,1.266701,9.856258,82.616074,88.951492

10.0742140,0.164507,9.765409,1.264308,9.848286,82.624100,89.034897

10.0767288,0.181256,9.768100,1.300499,9.855959,82.417679,88.936943

10.0792446,0.190828,9.751051,1.278665,9.836381,82.530792,88.878868

10.0817604,0.162114,9.755837,1.257129,9.837836,82.658379,89.047997

10.0842762,0.164507,9.715159,1.286142,9.801303,82.459816,89.029907

10.0867910,0.212363,9.729516,1.259522,9.813001,82.625610,88.749619

10.0893068,0.186042,9.751051,1.216451,9.828396,82.890327,88.906975

10.0918207,0.171685,9.722338,1.221237,9.800241,82.841599,88.988327

10.0943365,0.193220,9.780065,1.242772,9.860602,82.759521,88.868179

10.0968513,0.188435,9.760623,1.199701,9.835881,82.994080,88.894005

10.0993681,0.181256,9.782457,1.214058,9.859172,82.926643,88.938507

10.1018829,0.169292,9.792028,1.221237,9.869342,82.891975,89.009521

10.1043987,0.195613,9.806385,1.199701,9.881433,83.026535,88.857239

10.1069136,0.169292,9.803992,1.218844,9.880917,82.914330,89.010735

10.1094294,0.150150,9.844670,1.247558,9.924540,82.778564,89.126198

10.1119432,0.152542,9.835099,1.233201,9.913285,82.853958,89.111412

10.1144581,0.135793,9.825528,1.218844,9.901769,82.929321,89.208199

10.1169739,0.171685,9.851849,1.228415,9.929623,82.893608,89.001625

10.1194897,0.147757,9.780065,1.228415,9.858017,82.841721,89.134445

10.1220055,0.147757,9.811171,1.214058,9.887105,82.946732,89.137184

10.1245203,0.169292,9.835099,1.230808,9.913260,82.867882,89.013863

10.1270351,0.169292,9.799207,1.209273,9.874991,82.966011,89.010254

10.1295509,0.171685,9.803992,1.190130,9.877457,83.079643,88.996750

10.1320667,0.162114,9.765409,1.221237,9.842810,82.872719,89.048927

10.1345816,0.188435,9.770494,1.259522,9.853144,82.655815,88.895126

10.1370983,0.154935,9.789636,1.197309,9.863798,83.028008,89.093285

10.1396132,0.183649,9.770494,1.216451,9.847640,82.904289,88.923180

10.1421289,0.176471,9.780065,1.242772,9.860289,82.759293,88.966270

10.1446438,0.207577,9.736694,1.228415,9.816074,82.810974,88.778694

10.1471596,0.209970,9.748658,1.235594,9.828893,82.778221,88.766136

10.1496744,0.219541,9.770494,1.249951,9.852569,82.711502,88.712791

10.1521969,0.193220,9.748658,1.218844,9.826457,82.874855,88.864532

10.1547117,0.176471,9.748658,1.211666,9.825253,82.916161,88.962944

10.1572275,0.224327,9.739087,1.199701,9.815265,82.979286,88.680496

10.1597433,0.224327,9.710373,1.180559,9.784447,83.070000,88.676598

10.1622591,0.205185,9.703195,1.178166,9.776613,83.078545,88.788597

10.1647749,0.214756,9.700802,1.166202,9.773009,83.146629,88.731796

10.1672897,0.188435,9.743873,1.156631,9.814090,83.231728,88.892105

10.1698055,0.233898,9.734302,1.180559,9.808418,83.087013,88.623543

10.1723175,0.238684,9.715159,1.168595,9.788100,83.143143,88.592628

10.1748323,0.262612,9.703195,1.120738,9.771234,83.413811,88.449699

10.1773481,0.269791,9.686445,1.127917,9.755624,83.360779,88.404587

10.1798630,0.303290,9.703195,1.144667,9.775185,83.275276,88.209702

10.1823788,0.303290,9.669696,1.130310,9.740257,83.336090,88.203506

10.1848946,0.308076,9.662517,1.103989,9.730258,83.485229,88.173820

10.1874104,0.303290,9.693624,1.094417,9.759922,83.561668,88.207939

10.1899252,0.317647,9.645767,1.058525,9.708872,83.740799,88.113861

10.1924429,0.353839,9.660124,1.072882,9.725959,83.666748,87.902260

10.1949587,0.351446,9.691231,1.070489,9.756506,83.700790,87.923119

10.1974745,0.344267,9.655338,1.065703,9.720073,83.705467,87.957947

10.1999903,0.317647,9.664909,1.113560,9.734033,83.431061,88.117592

10.2025061,0.320040,9.703195,1.048954,9.764974,83.833389,88.110901

10.2050209,0.315254,9.748658,1.056132,9.810767,83.820114,88.147804

10.2075367,0.312862,9.746265,1.087239,9.811710,83.637970,88.161400

10.2100515,0.298505,9.758230,1.111167,9.825826,83.506737,88.247864

10.2125702,0.265005,9.758230,1.065703,9.819828,83.769669,88.444397

10.2150860,0.276969,9.770494,1.087239,9.834701,83.652901,88.376244

10.2176018,0.288933,9.787243,1.075275,9.850371,83.733055,88.309036

10.2201166,0.241077,9.806385,1.080060,9.868629,83.716743,88.591743

10.2226324,0.260219,9.813564,1.060918,9.874174,83.832024,88.481087

10.2251482,0.233898,9.818350,1.080060,9.880345,83.724228,88.635323

10.2276640,0.255434,9.820743,1.087239,9.884044,83.684723,88.510094

10.2301798,0.229113,9.801600,1.056132,9.860997,83.851715,88.660950

10.2326965,0.236291,9.808778,1.111167,9.874343,83.538780,88.620026

10.2352123,0.193220,9.856635,1.106381,9.920417,83.596725,88.876968

10.2377272,0.188435,9.839885,1.094417,9.902352,83.654655,88.902916

10.2402430,0.193220,9.832706,1.075275,9.893212,83.760300,88.874237

10.2427588,0.176471,9.815957,1.113560,9.880494,83.528854,88.970055

10.2452745,0.174078,9.803992,1.111167,9.868296,83.534805,88.982773

10.2477903,0.147757,9.787243,1.130310,9.853403,83.412949,89.135078

10.2503061,0.147757,9.815957,1.130310,9.881926,83.432045,89.137611

10.2528200,0.162114,9.796814,1.127917,9.862862,83.433289,89.051979

10.2553358,0.162114,9.780065,1.130310,9.846499,83.408310,89.050354

10.2578506,0.102293,9.734302,1.137488,9.801070,83.335373,89.397926

10.2603674,0.087936,9.707980,1.168595,9.778458,83.136345,89.481018

10.2628832,0.128614,9.719945,1.180559,9.792221,83.075523,89.241905

10.2653980,0.099900,9.719945,1.115953,9.784307,83.450859,89.411140

10.2679138,0.073579,9.679267,1.144667,9.746994,83.255737,89.564461

10.2704296,0.042173,9.667302,1.190130,9.740376,82.981766,89.750046

10.2729445,0.027817,9.679267,1.180559,9.751036,83.046135,89.835342

10.2754602,0.027817,9.669696,1.204487,9.744464,82.899666,89.835182

10.2779760,0.020638,9.648160,1.206880,9.723372,82.869972,89.877441

10.2804909,0.042173,9.614660,1.240379,9.694432,82.648994,89.748680

10.2830067,0.023031,9.619446,1.245165,9.699727,82.624519,89.862823

10.2855225,0.049352,9.621839,1.261915,9.704362,82.528336,89.706123

10.2880373,0.080758,9.636196,1.233201,9.715121,82.707413,89.519836

10.2905531,0.046959,9.655338,1.221237,9.732378,82.791420,89.721344

10.2930622,-0.003290,9.679267,1.273879,9.762734,82.502449,90.019478

10.2955770,0.015852,9.674481,1.221237,9.751269,82.805458,89.906113

10.2980928,0.066102,9.703195,1.228415,9.780867,82.784958,89.609688

10.3006086,0.102293,9.746265,1.228415,9.823908,82.816734,89.398666

10.3031235,0.075972,9.722338,1.214058,9.798141,82.882355,89.552292

10.3056393,0.046959,9.691231,1.235594,9.769793,82.734299,89.722374

10.3081541,0.063709,9.748658,1.202094,9.822700,82.970566,89.625572

10.3106699,0.087936,9.792028,1.194916,9.865059,83.042908,89.485474

10.3131914,0.119043,9.746265,1.163809,9.816227,83.191010,89.300209

10.3157072,0.121436,9.784850,1.147059,9.852603,83.314354,89.288963

10.3182220,0.128614,9.792028,1.159024,9.861222,83.250229,89.247490

10.3207378,0.159721,9.789636,1.103989,9.852983,83.566719,89.065285

10.3232527,0.157328,9.758230,1.108774,9.822280,83.518433,89.076324

10.3257685,0.183649,9.787243,1.082453,9.848633,83.689934,88.925018

10.3282852,0.178863,9.811171,1.068096,9.870759,83.787971,88.955582

10.3308001,0.174078,9.832706,1.003191,9.885283,84.175407,88.985741

10.3333120,0.174078,9.837492,1.022633,9.892034,84.066193,88.986237

10.3358278,0.195613,9.844670,1.060918,9.903603,83.850426,88.861687

10.3383427,0.212363,9.844670,1.034597,9.901162,84.002075,88.764244

10.3408585,0.260219,9.870992,1.007977,9.925735,84.171463,88.489914

10.3433733,0.253041,9.820743,1.007977,9.875578,84.141754,88.524048

10.3458891,0.267398,9.801600,0.991227,9.855221,84.227493,88.437302

10.3484049,0.303290,9.837492,0.991227,9.891954,84.249001,88.234131

10.3509207,0.317647,9.830314,1.015454,9.887726,84.105423,88.149246

10.3534365,0.353839,9.815957,1.027418,9.875920,84.028564,87.935539

10.3559523,0.384945,9.765409,1.060918,9.830409,83.804459,87.742607

10.3584671,0.387338,9.787243,1.058525,9.851935,83.832047,87.733658

10.3609829,0.411266,9.787243,1.039382,9.850867,83.943344,87.593811

10.3634977,0.432802,9.780065,1.015454,9.842160,84.078033,87.466118

10.3660145,0.418445,9.715159,1.058525,9.781610,83.787521,87.533722

10.3685293,0.430409,9.743873,1.101596,9.815387,83.556030,87.470757

10.3710451,0.447159,9.724730,1.106381,9.797674,83.516167,87.367302

10.3735609,0.454337,9.674481,1.123131,9.750048,83.385277,87.311226

10.3760757,0.485444,9.667302,1.115953,9.743600,83.423378,87.125305

10.3785915,0.492622,9.669696,1.139881,9.749104,83.285530,87.083588

10.3811073,0.478265,9.631411,1.130310,9.709295,83.314743,87.157211

10.3836231,0.442373,9.614660,1.130310,9.690974,83.302048,87.365662

10.3861380,0.444766,9.636196,1.130310,9.712451,83.316925,87.357346

10.3886538,0.468694,9.633803,1.151845,9.713732,83.189896,87.214699

10.3911686,0.444766,9.636196,1.096810,9.708609,83.513275,87.357346

10.3936863,0.451944,9.621839,1.080060,9.692810,83.602303,87.310753

10.3962030,0.442373,9.636196,1.118345,9.710956,83.386955,87.371544

10.3987179,0.428016,9.686445,1.101596,9.758275,83.518158,87.469910

10.4012337,0.428016,9.660124,1.108774,9.732963,83.458694,87.463028

10.4037495,0.449552,9.660124,1.132702,9.736689,83.319458,87.335556

10.4062643,0.487837,9.645767,1.087239,9.719100,83.577095,87.104721

10.4087801,0.449552,9.636196,1.099203,9.709100,83.499397,87.328949

10.4112959,0.428016,9.652946,1.130310,9.728317,83.327873,87.461143

10.4138079,0.413659,9.657731,1.161416,9.736106,83.148895,87.547409

10.4163237,0.425623,9.645767,1.139881,9.722207,83.266869,87.473442

10.4188395,0.418445,9.664909,1.120738,9.738667,83.391685,87.520912

10.4213543,0.413659,9.688838,1.118345,9.761935,83.421646,87.555275

10.4238701,0.392124,9.691231,1.099203,9.761248,83.534271,87.682976

10.4263849,0.375374,9.662517,1.103989,9.732621,83.486816,87.775269

10.4289007,0.394517,9.719945,1.103989,9.790391,83.525414,87.675735

10.4314156,0.363410,9.777672,1.075275,9.843330,83.728554,87.871452

10.4339333,0.384945,9.765409,1.096810,9.834348,83.596565,87.742607

10.4364481,0.346660,9.792028,1.063311,9.855690,83.806419,87.972443

10.4389639,0.365803,9.775279,1.063311,9.839742,83.796341,87.856926

10.4414787,0.365803,9.827921,0.993620,9.884792,84.230881,87.868393

10.4439945,0.372981,9.847063,0.981655,9.902899,84.311035,87.830818

10.4465094,0.358624,9.856635,1.003191,9.914043,84.192368,87.916267

10.4490261,0.361017,9.861421,0.988834,9.917446,84.277733,87.903397

10.4515409,0.377767,9.890134,0.969691,9.944736,84.404312,87.812576

10.4540577,0.346660,9.897313,0.969691,9.950743,84.407700,87.993996

10.4565725,0.387338,9.875777,0.962513,9.930128,84.437668,87.753952

10.4590883,0.413659,9.887741,0.943370,9.941252,84.554749,87.604393

10.4616032,0.411266,9.887741,0.900300,9.937158,84.801918,87.618240

10.4641199,0.401695,9.863813,0.919442,9.914714,84.679024,87.667969

10.4666348,0.442373,9.882956,0.929013,9.936377,84.635231,87.437080

10.4691505,0.456730,9.830314,0.948156,9.886490,84.496635,87.339874

10.4716654,0.492622,9.825528,1.005584,9.889130,84.163750,87.129768

10.4741802,0.487837,9.801600,0.972084,9.861758,84.343109,87.150673

10.4766951,0.538086,9.789636,0.912264,9.846762,84.684151,86.853912

10.4792109,0.552443,9.787243,0.952942,9.849030,84.447670,86.769356

10.4817257,0.554836,9.784850,0.955334,9.847020,84.432541,86.754601

10.4842424,0.535693,9.746265,0.945763,9.806688,84.465759,86.853966

10.4867573,0.569193,9.784850,0.991227,9.851386,84.225243,86.670807

10.4892731,0.566800,9.777672,0.950549,9.840105,84.456612,86.682343

10.4917889,0.557229,9.751051,0.974477,9.815453,84.302292,86.729362

10.4943056,0.550050,9.736694,1.041775,9.807705,83.902534,86.766655

10.4968224,0.597907,9.717552,1.034597,9.790746,83.934181,86.479118

10.4993372,0.619741,9.717552,1.027418,9.791348,83.976791,86.350876

10.5018530,0.607777,9.719945,1.068096,9.797324,83.741219,86.422020

10.5043678,0.593121,9.672089,1.070489,9.749207,83.696060,86.490845

10.5068836,0.612563,9.688838,1.063311,9.766240,83.749466,86.382370

10.5093985,0.573978,9.691231,1.087239,9.768905,83.609978,86.610527

10.5119143,0.581157,9.688838,1.077667,9.765895,83.664505,86.567390

10.5144300,0.583550,9.688838,1.101596,9.768706,83.525108,86.553291

10.5169449,0.564407,9.686445,1.156631,9.771569,83.202141,86.665276

10.5194607,0.542872,9.674481,1.166202,9.759627,83.137184,86.788284

10.5219755,0.545264,9.698409,1.144667,9.780936,83.279251,86.782104

10.5244913,0.530908,9.674481,1.168595,9.759255,83.122772,86.858925

10.5270071,0.523729,9.681660,1.199701,9.769755,82.946419,86.903603

10.5295219,0.530908,9.696016,1.214058,9.786139,82.873581,86.865891

10.5320387,0.533300,9.643374,1.247558,9.738351,82.639740,86.834641

10.5345526,0.518943,9.633803,1.206880,9.722964,82.869667,86.916634

10.5370684,0.463908,9.636196,1.245165,9.727380,82.645607,87.243782

10.5395832,0.435195,9.655338,1.235594,9.743800,82.714813,87.419258

10.5420990,0.437587,9.691231,1.254736,9.781912,82.630302,87.414680

10.5446138,0.468694,9.681660,1.286142,9.777953,82.441704,87.228447

10.5471296,0.454337,9.686445,1.249951,9.777322,82.655106,87.314545

10.5496454,0.396909,9.674481,1.273879,9.766058,82.505013,87.650673

10.5521612,0.384945,9.724730,1.266701,9.814433,82.584427,87.733177

10.5546799,0.413659,9.688838,1.233201,9.775760,82.752892,87.555275

10.5571957,0.380160,9.652946,1.235594,9.739126,82.711296,87.744698

10.5597124,0.384945,9.703195,1.223630,9.787617,82.818199,87.728149

10.5622272,0.401695,9.700802,1.206880,9.783837,82.914261,87.628822

10.5647430,0.387338,9.652946,1.214058,9.736700,82.837212,87.702156

10.5672579,0.418445,9.681660,1.173380,9.761478,83.096054,87.525192

10.5697737,0.425623,9.719945,1.137488,9.795527,83.331589,87.492699

10.5722895,0.420838,9.712767,1.120738,9.786265,83.423973,87.519020

10.5748005,0.442373,9.739087,1.080060,9.808773,83.678246,87.399277

10.5773163,0.466301,9.731909,1.068096,9.801445,83.743866,87.256790

10.5798311,0.473480,9.765409,1.070489,9.835311,83.751465,87.224167

10.5823479,0.495015,9.789636,1.046561,9.857855,83.905701,87.105293

10.5848627,0.490230,9.784850,1.051346,9.853373,83.874931,87.131828

10.5873785,0.471087,9.777672,1.034597,9.843534,83.966827,87.241631

10.5898933,0.497408,9.801600,1.046561,9.869856,83.913139,87.094864

10.5924091,0.499801,9.787243,0.981655,9.849039,84.279823,87.076645

10.5949202,0.547657,9.806385,1.003191,9.872766,84.167999,86.803520

10.5974360,0.581157,9.815957,1.025025,9.886427,84.048874,86.611740

10.5999508,0.569193,9.806385,1.020240,9.875731,84.070320,86.678101

10.6024666,0.542872,9.782457,0.979263,9.846326,84.292236,86.823662

10.6049824,0.523729,9.815957,1.012762,9.881953,84.117653,86.945885

10.6074972,0.535693,9.823135,1.017847,9.890245,84.092987,86.878532

10.6100130,0.475873,9.808778,0.981655,9.869256,84.291580,87.222473

10.6125278,0.473480,9.849456,1.020240,9.913468,84.092972,87.247818

10.6149979,0.478265,9.854242,1.020240,9.918453,84.095955,87.221390

10.6174879,0.509372,9.799207,1.039382,9.867332,83.953491,87.024391

10.6200018,0.509372,9.799207,1.046561,9.868091,83.912041,87.024391

10.6225157,0.432802,9.847063,1.080060,9.915568,83.746605,87.483337

10.6250286,0.451944,9.818350,1.084846,9.888434,83.701485,87.364502

10.6275425,0.428016,9.818350,1.060918,9.884773,83.838661,87.503860

10.6300564,0.432802,9.770494,1.075275,9.839008,83.725792,87.463638

10.6325693,0.451944,9.729516,1.087239,9.800502,83.630661,87.340477

10.6351156,0.461516,9.741480,1.142274,9.819074,83.319534,87.287567

10.6376600,0.473480,9.693624,1.125524,9.770226,83.384872,87.203644

10.6402006,0.492622,9.681660,1.154238,9.762657,83.210045,87.087189

10.6427164,0.497408,9.640982,1.163809,9.723702,83.125916,87.046555

10.6452312,0.516551,9.609875,1.135095,9.690457,83.273193,86.923195

10.6477470,0.526122,9.602696,1.199701,9.691639,82.889275,86.863960

10.6502628,0.523729,9.554840,1.218844,9.646494,82.741219,86.862587

10.6527796,0.502194,9.552447,1.214058,9.642375,82.766769,86.990601

10.6552916,0.516551,9.569197,1.214058,9.659725,82.779831,86.910141

10.6578064,0.497408,9.562018,1.175773,9.646868,82.999306,87.022209

10.6603222,0.514158,9.521340,1.180559,9.608018,82.942101,86.908997

10.6628380,0.511765,9.518948,1.218844,9.610299,82.713730,86.922585

10.6653528,0.533300,9.533304,1.230808,9.627211,82.654816,86.798164

10.6678686,0.514158,9.494720,1.218844,9.586431,82.695496,86.900345

10.6703844,0.528515,9.502198,1.221237,9.594921,82.687584,86.816475

10.6729012,0.545264,9.499506,1.218844,9.592888,82.700439,86.714867

10.6754141,0.518943,9.487542,1.218844,9.579579,82.690239,86.869194

10.6779289,0.545264,9.494720,1.221237,9.588454,82.682625,86.713219

10.6804447,0.514158,9.509377,1.211666,9.600039,82.749092,86.905113

10.6829605,0.478265,9.523733,1.175773,9.607948,82.970802,87.125122

10.6854753,0.490230,9.526126,1.170988,9.610339,83.001312,87.054070

10.6879911,0.499801,9.583553,1.204487,9.671871,82.846092,87.014618

10.6905079,0.490230,9.573982,1.149452,9.655190,83.162712,87.068764

10.6930227,0.473480,9.607482,1.139881,9.686445,83.241890,87.178612

10.6955357,0.480658,9.602696,1.144667,9.682617,83.210686,87.134476

10.6980515,0.447159,9.617053,1.120738,9.692457,83.360039,87.337868

10.7005663,0.428016,9.660124,1.087239,9.730534,83.584671,87.463028

10.7030821,0.435195,9.672089,1.077667,9.741666,83.648682,87.423721

10.7055979,0.394517,9.672089,1.072882,9.739406,83.675529,87.664246

10.7081127,0.370588,9.722338,1.087239,9.789958,83.623779,87.817101

10.7106295,0.365803,9.743873,1.065703,9.808802,83.762634,87.850021

10.7131443,0.344267,9.739087,1.032204,9.799683,83.953804,87.975494

10.7156591,0.361017,9.770494,1.039382,9.832253,83.931839,87.883896

10.7181740,0.351446,9.760623,1.041775,9.822351,83.911659,87.937874

10.7206898,0.361017,9.780065,1.075275,9.845619,83.730019,87.885971

10.7232046,0.351446,9.818350,1.082453,9.884089,83.712662,87.949982

10.7257204,0.356231,9.842278,1.048954,9.904425,83.920540,87.927139

10.7282362,0.387338,9.849456,1.025025,9.910221,84.063217,87.747955

10.7307520,0.346660,9.892527,0.998405,9.948822,84.240440,87.993027

10.7332668,0.353839,9.911670,0.991227,9.967393,84.292679,87.955452

10.7357817,0.351446,9.906884,1.039382,9.967456,84.014450,87.968292

10.7382975,0.327219,9.940384,0.996012,9.995517,84.281219,88.114616

10.7408123,0.334696,9.942777,0.979263,9.996489,84.378250,88.072021

10.7433281,0.327219,9.954741,0.998405,10.010032,84.275772,88.117332

10.7458429,0.296112,9.990633,1.048954,10.049912,84.008873,88.302307

10.7483597,0.308076,9.995419,1.051346,10.055279,83.998375,88.234604

10.7508745,0.339482,10.004990,1.010369,10.061605,84.236740,88.056625

10.7533903,0.349053,9.983455,1.044168,10.043978,84.032768,87.997574

10.7559042,0.334696,9.985847,1.075275,10.049149,83.857498,88.080330

10.7584190,0.375374,9.997811,1.048954,10.059694,84.014725,87.849808

10.7609348,0.380160,10.007382,1.075275,10.072162,83.871590,87.824501

10.7634497,0.363410,9.971490,1.075275,10.035880,83.849350,87.912788

10.7659664,0.365803,9.940384,1.070489,10.004549,83.857582,87.892487

10.7684813,0.372981,9.933205,1.084846,9.999228,83.771553,87.849617

10.7709970,0.365803,9.942777,1.163809,10.017339,83.328339,87.892990

10.7735119,0.353839,9.964312,1.151845,10.036904,83.410164,87.966248

10.7760267,0.317647,9.930812,1.156631,10.002985,83.360123,88.167961

10.7785425,0.344267,9.832706,1.161416,9.907044,83.267654,87.994751

10.7810574,0.310469,9.875777,1.144667,9.946739,83.391785,88.199364

10.7835732,0.305683,9.870992,1.142274,9.941565,83.402214,88.226242

10.7860889,0.315254,9.799207,1.170988,9.873959,83.189064,88.157349

10.7886038,0.337089,9.799207,1.192523,9.877256,83.065521,88.029823

10.7911196,0.305683,9.782457,1.190130,9.859327,83.066856,88.210197

10.7936344,0.279362,9.794421,1.218844,9.873920,82.909279,88.366219

10.7961521,0.279362,9.772886,1.216451,9.852263,82.907639,88.362625

10.7986679,0.255434,9.743873,1.242772,9.826127,82.733978,88.498344

10.8011837,0.238684,9.719945,1.223630,9.799570,82.827003,88.593323

10.8036995,0.212363,9.772886,1.226022,9.851778,82.851189,88.755173

10.8062143,0.238684,9.731909,1.242772,9.813842,82.724838,88.595047

10.8087301,0.241077,9.741480,1.228415,9.821587,82.815025,88.582367

10.8112450,0.221934,9.794421,1.223630,9.873055,82.880669,88.701942

10.8137608,0.188435,9.768100,1.233201,9.847440,82.805923,88.894852

10.8162737,0.193220,9.763016,1.245165,9.843995,82.733200,88.866203

10.8187895,0.195613,9.792028,1.259522,9.874638,82.671890,88.855568

10.8213043,0.166899,9.784850,1.247558,9.865473,82.735100,89.022804

10.8238201,0.128614,9.803992,1.283749,9.888519,82.540680,89.248405

10.8263350,0.099900,9.842278,1.245165,9.921232,82.790077,89.418457

10.8288507,0.058923,9.873384,1.228415,9.949683,82.908012,89.658066

10.8313656,0.056530,9.854242,1.245165,9.932760,82.798485,89.671318

10.8338814,0.090329,9.899706,1.290928,9.983929,82.570824,89.477226

10.8363981,0.054138,9.847063,1.252344,9.926528,82.752174,89.684998

10.8389130,0.068794,9.849456,1.286142,9.933311,82.560585,89.599823

10.8414288,0.034995,9.933205,1.298106,10.017728,82.554626,89.798149

10.8439436,0.044566,9.880563,1.302892,9.966194,82.488152,89.741570

10.8464594,0.054138,9.832706,1.288535,9.916924,82.534286,89.684540

10.8489742,0.015852,9.830314,1.290928,9.914727,82.518677,89.907608

10.8514910,0.044566,9.818350,1.257129,9.898603,82.703697,89.739929

10.8540058,0.042173,9.832706,1.298106,9.918114,82.479416,89.754257

10.8565073,0.030209,9.832706,1.257129,9.912790,82.714195,89.823967

10.8590221,0.011067,9.820743,1.245165,9.899371,82.774071,89.935432

10.8615370,0.039781,9.806385,1.245165,9.885201,82.763657,89.767578

10.8640518,0.020638,9.751051,1.257129,9.831775,82.653824,89.878731

10.8665676,0.039781,9.743873,1.259522,9.825021,82.634682,89.766083

10.8690825,0.034995,9.710373,1.278665,9.794262,82.498482,89.793510

10.8715982,0.034995,9.703195,1.293321,9.789070,82.407951,89.793358

10.8741131,0.078365,9.667302,1.290928,9.753428,82.394226,89.535561

10.8766451,0.085543,9.636196,1.273879,9.720409,82.469612,89.491379

10.8791599,0.068794,9.626625,1.257129,9.708606,82.560104,89.590561

10.8816757,0.066102,9.600304,1.247558,9.681251,82.596085,89.605507

10.8841906,0.099900,9.633803,1.283749,9.719473,82.410187,89.405876

10.8867073,0.104686,9.633803,1.290928,9.720474,82.368286,89.377419

10.8892231,0.107079,9.640982,1.257129,9.723187,82.571327,89.363663

10.8917379,0.119043,9.652946,1.259522,9.735498,82.566574,89.293449

10.8942537,0.169292,9.624231,1.281057,9.710592,82.419228,88.992256

10.8967686,0.214756,9.638589,1.264308,9.723528,82.528931,88.723610

10.8992844,0.166899,9.638589,1.283749,9.725136,82.414635,89.007980

10.9017992,0.195613,9.585947,1.254736,9.669695,82.544296,88.830971

10.9043159,0.224327,9.655338,1.254736,9.739109,82.597733,88.669060

10.9068308,0.241077,9.662517,1.221237,9.742370,82.798851,88.570786

10.9093466,0.257827,9.657731,1.211666,9.736856,82.851517,88.470772

10.9118614,0.257827,9.684052,1.216451,9.763559,82.842865,88.474930

10.9143772,0.286541,9.722338,1.247558,9.806241,82.690979,88.311844

10.9168930,0.296112,9.707980,1.230808,9.790171,82.777733,88.252914

10.9194098,0.243470,9.717552,1.216451,9.796421,82.866997,88.564774

10.9219255,0.281755,9.727123,1.226022,9.808131,82.819206,88.340843

10.9244404,0.284148,9.731909,1.223630,9.812648,82.836609,88.327583

10.9269562,0.300897,9.746265,1.230808,9.828281,82.805885,88.231667

10.9294710,0.300897,9.707980,1.180559,9.784127,83.069771,88.224693

10.9319868,0.284148,9.696016,1.151845,9.768328,83.228142,88.321396

10.9345016,0.286541,9.755837,1.166202,9.829471,83.186180,88.317642

10.9370193,0.288933,9.739087,1.144667,9.810380,83.299515,88.300682

10.9395342,0.293719,9.775279,1.139881,9.845897,83.351837,88.278946

10.9420500,0.322433,9.743873,1.163809,9.818425,83.192543,88.104729

10.9445658,0.274576,9.743873,1.123131,9.812230,83.427383,88.385864

10.9470806,0.286541,9.765409,1.096810,9.830987,83.594368,88.319290

10.9495964,0.303290,9.760623,1.087239,9.825672,83.647049,88.220230

10.9521122,0.276969,9.755837,1.082453,9.819613,83.671204,88.373802

10.9546280,0.260219,9.763016,1.056132,9.823421,83.828110,88.473221

10.9571419,0.272184,9.770494,1.036990,9.829139,83.943932,88.404282

10.9596567,0.231506,9.818350,1.058525,9.877958,83.848358,88.649284

10.9621725,0.281755,9.796814,1.056132,9.857604,83.849594,88.352638

10.9646873,0.310469,9.801600,1.048954,9.862456,83.894569,88.185745

10.9672031,0.291326,9.815957,1.082453,9.879757,83.709892,88.300026

10.9697189,0.255434,9.799207,1.092024,9.863174,83.643333,88.506821

10.9722347,0.245863,9.851849,1.108774,9.917093,83.580658,88.570427

10.9747496,0.255434,9.844670,1.115953,9.911011,83.534943,88.513710

10.9772663,0.267398,9.835099,1.096810,9.899681,83.639000,88.442619

10.9797821,0.207577,9.825528,1.108774,9.890069,83.563049,88.789734

10.9822969,0.183649,9.811171,1.125524,9.877227,83.456856,88.927643

10.9848137,0.202792,9.818350,1.170988,9.890012,83.200172,88.816757

10.9873295,0.245863,9.811171,1.206880,9.888179,82.989410,88.564499

10.9898443,0.272184,9.808778,1.197309,9.885330,83.043266,88.410507

10.9923601,0.245863,9.758230,1.235594,9.839217,82.785835,88.556717

10.9948750,0.267398,9.760623,1.230808,9.841552,82.815643,88.430740

10.9973927,0.300897,9.755837,1.211666,9.835397,82.923508,88.233398

10.9999094,0.286541,9.710373,1.221237,9.791060,82.834846,88.309769

11.0024242,0.281755,9.705587,1.259522,9.791027,82.608963,88.337158

11.0049400,0.305683,9.664909,1.235594,9.748364,82.718239,88.188446

11.0074549,0.286541,9.662517,1.230808,9.744804,82.743935,88.301399

11.0099707,0.332004,9.693624,1.228415,9.776788,82.781929,88.038399

11.0124865,0.339482,9.693624,1.233201,9.777646,82.754303,87.994255

11.0150023,0.298505,9.669696,1.221237,9.751079,82.805313,88.231834

11.0175161,0.341875,9.636196,1.259522,9.724174,82.557869,87.968102

11.0200310,0.365803,9.631411,1.261915,9.720613,82.540901,87.824944

11.0225468,0.389731,9.612267,1.230808,9.698581,82.709160,87.678207

11.0250616,0.365803,9.614660,1.190130,9.694942,82.948708,87.821152

11.0275774,0.377767,9.612267,1.216451,9.696296,82.792953,87.749405

11.0300932,0.387338,9.624231,1.266701,9.714957,82.508064,87.695313

11.0326080,0.346660,9.640982,1.261915,9.729395,82.547668,87.940704

11.0351248,0.382553,9.602696,1.261915,9.692809,82.519379,87.718658

11.0376396,0.353839,9.629018,1.302892,9.723205,82.299309,87.895493

11.0401545,0.384945,9.645767,1.249951,9.734033,82.622253,87.714638

11.0426702,0.416052,9.660124,1.269093,9.752009,82.522514,87.533852

11.0451851,0.365803,9.662517,1.271486,9.752677,82.508850,87.831940

11.0477009,0.363410,9.688838,1.290928,9.781214,82.415955,87.851952

11.0502157,0.389731,9.710373,1.261915,9.799779,82.601494,87.701637

11.0527325,0.361017,9.684052,1.245165,9.770447,82.678200,87.865028

11.0552473,0.363410,9.719945,1.273879,9.809799,82.538628,87.858818

11.0577621,0.324826,9.710373,1.271486,9.798650,82.544197,88.084091

11.0602779,0.308076,9.727123,1.266701,9.814091,82.584167,88.185944

11.0627928,0.324826,9.717552,1.259522,9.804220,82.618965,88.085503

11.0653086,0.274576,9.758230,1.269093,9.844239,82.592964,88.388237

11.0678234,0.281755,9.787243,1.290928,9.876032,82.489189,88.351028

11.0703402,0.310469,9.753445,1.281057,9.842113,82.521111,88.176796

11.0728559,0.303290,9.731909,1.269093,9.818994,82.573814,88.214981

11.0753708,0.310469,9.748658,1.235594,9.831553,82.780182,88.175896

11.0778847,0.339482,9.758230,1.221237,9.840210,82.870827,88.007523

11.0804005,0.310469,9.710373,1.214058,9.790897,82.877068,88.168709

11.0829153,0.291326,9.731909,1.209273,9.811079,82.919960,88.285355

11.0854311,0.322433,9.746265,1.249951,9.831380,82.695709,88.105194

11.0879469,0.276969,9.715159,1.216451,9.794937,82.865913,88.366997

11.0904627,0.305683,9.763016,1.161416,9.836605,83.219223,88.206635

11.0929775,0.315254,9.758230,1.182952,9.834725,83.091553,88.149620

11.0954933,0.356231,9.722338,1.233201,9.806708,82.775887,87.901588

11.0980091,0.303290,9.734302,1.197309,9.812347,82.991264,88.215424

11.1005249,0.324826,9.741480,1.190130,9.819285,83.038445,88.090202

11.1030397,0.337089,9.700802,1.192523,9.779637,82.995956,88.009857

11.1055565,0.317647,9.734302,1.190130,9.811929,83.033195,88.131004

11.1080713,0.332004,9.751051,1.206880,9.831062,82.948471,88.049942

11.1105871,0.308076,9.743873,1.218844,9.824639,82.873528,88.189056

11.1131020,0.298505,9.751051,1.199701,9.829109,82.989227,88.246574

11.1156178,0.284148,9.755837,1.202094,9.833724,82.978485,88.331680

11.1181326,0.276969,9.772886,1.168595,9.846402,83.183937,88.376640

11.1206493,0.305683,9.763016,1.206880,9.842077,82.956406,88.206635

11.1231642,0.281755,9.719945,1.209273,9.798931,82.911133,88.339615

11.1256800,0.260219,9.765409,1.218844,9.844618,82.888069,88.473595

11.1281948,0.262612,9.755837,1.230808,9.836677,82.812057,88.458054

11.1307106,0.236291,9.768100,1.192523,9.843460,83.041595,88.614281

11.1332254,0.202792,9.801600,1.202094,9.877120,83.009491,88.814735

11.1357412,0.250648,9.794421,1.221237,9.873446,82.894943,88.534065

11.1382551,0.272184,9.782457,1.211666,9.860968,82.941948,88.406235

11.1407719,0.241077,9.796814,1.221237,9.875581,82.896492,88.590370

11.1432867,0.233898,9.808778,1.209273,9.885807,82.973747,88.633995

11.1458025,0.245863,9.787243,1.242772,9.868893,82.765640,88.560989

11.1483173,0.248255,9.780065,1.211666,9.857963,82.939789,88.545929

11.1508331,0.253041,9.784850,1.223630,9.864309,82.874321,88.518631

11.1533480,0.236291,9.753445,1.211666,9.831259,82.920509,88.612198

11.1558647,0.226720,9.770494,1.218844,9.848833,82.891129,88.670715

11.1583786,0.250648,9.736694,1.226022,9.816780,82.825569,88.525383

11.1608944,0.253041,9.722338,1.197309,9.799052,82.981712,88.509109

11.1634092,0.253041,9.780065,1.214058,9.858379,82.926071,88.517906

11.1659250,0.276969,9.780065,1.221237,9.859908,82.885139,88.377831

11.1684399,0.250648,9.765409,1.204487,9.842603,82.970818,88.529716

11.1709557,0.281755,9.758230,1.226022,9.838983,82.841843,88.346123

11.1734705,0.276969,9.782457,1.252344,9.866182,82.707603,88.378227

11.1759872,0.286541,9.789636,1.206880,9.867909,82.974937,88.323441

11.1785021,0.284148,9.782457,1.240379,9.864875,82.776680,88.336220

11.1810169,0.310469,9.784850,1.221237,9.865653,82.889305,88.182640

11.1835327,0.317647,9.780065,1.264308,9.866562,82.637840,88.139740

11.1860476,0.293719,9.768100,1.269093,9.854574,82.600777,88.277679

11.1885633,0.293719,9.748658,1.233201,9.830737,82.793640,88.274246

11.1910782,0.308076,9.743873,1.214058,9.824047,82.901222,88.189056

11.1935949,0.298505,9.770494,1.235594,9.852834,82.795860,88.250061

11.1961098,0.317647,9.751051,1.228415,9.833255,82.823601,88.134209

11.1986227,0.305683,9.777672,1.237987,9.860473,82.787453,88.209320

11.2011375,0.341875,9.775279,1.247558,9.860495,82.731407,87.996986

11.2036533,0.317647,9.743873,1.247558,9.828548,82.707657,88.132835

11.2061682,0.305683,9.743873,1.242772,9.827562,82.735046,88.203117

11.2086840,0.305683,9.700802,1.276272,9.789171,82.508690,88.195145

11.2111988,0.296112,9.727123,1.249951,9.811574,82.680885,88.256348

11.2137136,0.286541,9.688838,1.257129,9.774255,82.610352,88.306015

11.2162304,0.300897,9.705587,1.264308,9.792213,82.581627,88.224258

11.2187471,0.279362,9.739087,1.312463,9.831094,82.328041,88.356941

11.2212620,0.288933,9.739087,1.305285,9.830415,82.369720,88.300682

11.2237778,0.291326,9.741480,1.261915,9.827193,82.622246,88.287041

11.2262926,0.279362,9.755837,1.283749,9.843903,82.506676,88.359764

11.2288074,0.296112,9.731909,1.278665,9.820017,82.518272,88.257202

11.2313242,0.267398,9.743873,1.298106,9.833597,82.414398,88.428047

11.2338390,0.274576,9.741480,1.278665,9.828876,82.525055,88.385468

11.2363548,0.317647,9.734302,1.298106,9.825610,82.408195,88.131004

11.2388697,0.274576,9.719945,1.278665,9.807533,82.508690,88.381897

11.2413855,0.250648,9.703195,1.286142,9.791270,82.452042,88.520294

11.2439003,0.260219,9.729516,1.286142,9.817604,82.472404,88.467972

11.2464170,0.284148,9.731909,1.314856,9.824441,82.308731,88.327583

11.2489319,0.262612,9.676874,1.298106,9.767084,82.362434,88.445480

11.2514477,0.262612,9.660124,1.293321,9.749853,82.377235,88.442787

11.2539625,0.260219,9.681660,1.290928,9.770811,82.407837,88.460396

11.2564783,0.265005,9.686445,1.310070,9.778228,82.300453,88.432877

11.2589941,0.279362,9.693624,1.312463,9.786058,82.292519,88.349243

11.2615099,0.262612,9.660124,1.343570,9.756646,82.084747,88.442787

11.2640257,0.279362,9.657731,1.353141,9.756064,82.027519,88.343109

11.2665415,0.272184,9.676874,1.353141,9.774813,82.042908,88.388855

11.2690563,0.265005,9.674481,1.331606,9.769288,82.165894,88.430939

11.2715721,0.236291,9.703195,1.367498,9.801931,81.980324,88.605011

11.2740870,0.265005,9.693624,1.381855,9.795208,81.889969,88.434036

11.2766027,0.257827,9.681660,1.348356,9.778501,82.074242,88.474548

11.2791195,0.298505,9.703195,1.336391,9.799338,82.161827,88.237938

11.2816353,0.274576,9.696016,1.353141,9.793831,82.058464,88.377907

11.2841501,0.262612,9.681660,1.324427,9.775357,82.213257,88.446251

11.2866659,0.274576,9.712767,1.300499,9.803292,82.376701,88.380699

11.2891808,0.243470,9.717552,1.245165,9.800028,82.700424,88.564774

11.2916965,0.253041,9.719945,1.259522,9.804477,82.619164,88.508743

11.2942114,0.231506,9.746265,1.254736,9.829428,82.666122,88.639297

11.2967281,0.236291,9.731909,1.242772,9.813785,82.724792,88.609131

11.2992430,0.226720,9.736694,1.187737,9.811490,83.046959,88.666100

11.3017588,0.219541,9.780065,1.197309,9.855527,83.022125,88.714050

11.3042736,0.198006,9.799207,1.192523,9.873488,83.062859,88.842422

11.3067894,0.233898,9.777672,1.187737,9.852324,83.075920,88.629646

11.3093042,0.265005,9.780065,1.168595,9.853198,83.188660,88.447868

11.3118200,0.253041,9.787243,1.206880,9.864619,82.972580,88.518997

11.3143358,0.262612,9.830314,1.156631,9.901608,83.291824,88.469734

11.3168516,0.241077,9.813564,1.144667,9.883038,83.348999,88.592773

11.3193712,0.300897,9.815957,1.144667,9.887053,83.351715,88.244209

11.3218861,0.312862,9.866206,1.144667,9.937312,83.385490,88.183739

11.3244028,0.317647,9.820743,1.170988,9.895408,83.203896,88.147438

11.3269186,0.344267,9.823135,1.159024,9.897264,83.274925,87.992798

11.3294334,0.356231,9.827921,1.144667,9.900767,83.360962,87.924118

11.3319492,0.375374,9.827921,1.144667,9.901475,83.361443,87.812668

11.3344641,0.404088,9.892527,1.137488,9.965904,83.446091,87.660896

11.3369799,0.416052,9.849456,1.108774,9.920396,83.582809,87.581200

11.3394995,0.435195,9.775279,1.144667,9.851687,83.327736,87.450882

11.3420153,0.437587,9.832706,1.156631,9.910166,83.297646,87.451836

11.3445301,0.454337,9.823135,1.185344,9.904819,83.126740,87.351860

11.3470459,0.475873,9.768100,1.206880,9.853871,82.964874,87.210930

11.3495617,0.468694,9.803992,1.161416,9.883664,83.251656,87.262978

11.3520784,0.459123,9.796814,1.151845,9.874973,83.301605,87.316826

11.3545933,0.499801,9.801600,1.147059,9.881138,83.333748,87.080917

11.3571091,0.518943,9.811171,1.159024,9.893013,83.272018,86.972267

11.3596230,0.523729,9.792028,1.204487,9.879722,82.997360,86.938438

11.3621387,0.533300,9.770494,1.202094,9.858600,82.996292,86.875740

11.3646536,0.545264,9.712767,1.204487,9.802343,82.941803,86.786850

11.3671694,0.535693,9.729516,1.192523,9.816953,83.022713,86.848557

11.3696861,0.578764,9.717552,1.182952,9.806384,83.071495,86.591568

11.3722010,0.583550,9.681660,1.197309,9.772851,82.962799,86.550743

11.3747168,0.557229,9.715159,1.190130,9.803634,83.027275,86.717308

11.3772316,0.562014,9.691231,1.170988,9.777884,83.121819,86.681015

11.3797464,0.569193,9.650553,1.182952,9.739431,83.023628,86.624588

11.3822622,0.573978,9.645767,1.194916,9.736432,82.950531,86.594589

11.3847780,0.564407,9.633803,1.214058,9.726390,82.829575,86.647095

11.3872938,0.557229,9.595518,1.221237,9.688957,82.758942,86.676468

11.3898096,0.492622,9.626625,1.206880,9.714481,82.863411,87.070564

11.3923254,0.521336,9.667302,1.221237,9.758071,82.810501,86.913155

11.3948402,0.502194,9.636196,1.211666,9.725051,82.842796,87.016708

11.3973560,0.478265,9.600304,1.209273,9.687978,82.829521,87.148010

11.3998718,0.490230,9.633803,1.185344,9.718823,82.994545,87.086937

11.4023886,0.456730,9.643374,1.190130,9.727265,82.972260,87.288383

11.4049044,0.435195,9.626625,1.199701,9.710849,82.903412,87.411568

11.4074192,0.463908,9.626625,1.199701,9.712178,82.904388,87.241043

11.4099350,0.449552,9.645767,1.197309,9.730184,82.931786,87.331596

11.4124498,0.444766,9.650553,1.178166,9.732372,83.046928,87.361275

11.4149656,0.411266,9.638589,1.168595,9.717878,83.093353,87.556747

11.4174824,0.418445,9.624231,1.170988,9.704233,83.069359,87.510445

11.4199982,0.423230,9.691231,1.175773,9.771464,83.089012,87.499397

11.4225130,0.420838,9.705587,1.130310,9.780242,83.363457,87.517189

11.4250288,0.444766,9.696016,1.149452,9.774036,83.246239,87.373627

11.4275446,0.411266,9.688838,1.142274,9.764605,83.282097,87.569397

11.4300594,0.351446,9.729516,1.137488,9.802085,83.336067,87.931282

11.4325752,0.344267,9.729516,1.127917,9.800724,83.391472,87.973503

11.4350910,0.327219,9.743873,1.142274,9.816053,83.317467,88.076614

11.4376068,0.281755,9.707980,1.166202,9.781835,83.152840,88.337570

11.4401512,0.344267,9.787243,1.154238,9.861081,83.278130,87.985443

11.4426832,0.279362,9.837492,1.101596,9.902919,83.613228,88.373367

11.4452009,0.265005,9.801600,1.084846,9.865012,83.686470,88.451279

11.4477167,0.288933,9.811171,1.108774,9.877851,83.555054,88.313156

11.4502335,0.250648,9.849456,1.111167,9.915105,83.565453,88.542259

11.4527502,0.219541,9.878170,1.096810,9.941299,83.665741,88.726814

11.4552679,0.209970,9.875777,1.103989,9.939509,83.622955,88.782013

11.4577837,0.183649,9.873384,1.103989,9.936611,83.621094,88.934395

11.4602394,0.157328,9.868599,1.123131,9.933550,83.508003,89.086655

11.4627552,0.162114,9.904491,1.084846,9.965045,83.750099,89.062286

11.4652700,0.193220,9.880563,1.103989,9.943925,83.625801,88.879692

11.4677849,0.186042,9.842278,1.139881,9.909812,83.394905,88.917107

11.4702997,0.171685,9.835099,1.180559,9.907188,83.156265,88.999924

11.4728155,0.133400,9.859028,1.123131,9.923691,83.501526,89.224792

11.4753304,0.174078,9.873384,1.149452,9.941593,83.360580,88.989922

11.4778461,0.133400,9.820743,1.182952,9.892632,83.132187,89.221771

11.4803648,0.126221,9.789636,1.216451,9.865731,82.917366,89.261307

11.4828796,0.133400,9.813564,1.223630,9.890455,82.893257,89.221199

11.4853954,0.190828,9.777672,1.257129,9.860003,82.674973,88.881920

11.4879103,0.154935,9.765409,1.240379,9.845088,82.762085,89.091034

11.4904251,0.188435,9.741480,1.249951,9.823152,82.689560,88.891838

11.4929419,0.157328,9.705587,1.264308,9.788854,82.579071,89.071312

11.4954567,0.133400,9.717552,1.276272,9.801912,82.518478,89.213509

11.4979715,0.152542,9.703195,1.245165,9.783951,82.688362,89.099335

11.5004873,0.195613,9.681660,1.269093,9.766442,82.533630,88.842522

11.5030022,0.169292,9.696016,1.273879,9.780806,82.516380,88.999718

11.5055180,0.183649,9.705587,1.298106,9.793735,82.383339,88.915977

11.5080328,0.202792,9.693624,1.283749,9.780361,82.457718,88.801544

11.5105486,0.190828,9.717552,1.266701,9.801620,82.574684,88.875000

11.5130644,0.195613,9.696016,1.286142,9.782901,82.445549,88.844238

11.5155792,0.195613,9.688838,1.278665,9.774806,82.483467,88.843384

11.5180941,0.193220,9.664909,1.264308,9.749168,82.548691,88.854698

11.5206108,0.217149,9.705587,1.226022,9.785127,82.802238,88.718300

11.5231256,0.202792,9.719945,1.170988,9.792327,83.132011,88.804787

11.5256414,0.221934,9.712767,1.170988,9.785617,83.127281,88.691032

11.5281572,0.205185,9.731909,1.170988,9.804253,83.140404,88.792175

11.5306721,0.248255,9.727123,1.111167,9.793531,83.485229,88.538017

11.5331879,0.233898,9.741480,1.082453,9.804226,83.661232,88.624557

11.5357027,0.229113,9.731909,1.103989,9.797007,83.529808,88.651367

11.5382185,0.250648,9.734302,1.072882,9.796455,83.712509,88.525017

11.5407391,0.224327,9.729516,1.020240,9.785433,84.015404,88.679199

11.5432539,0.262612,9.724730,1.053739,9.785178,83.817986,88.453125

11.5457697,0.255434,9.770494,1.058525,9.830985,83.818848,88.502434

11.5482845,0.315254,9.734302,1.060918,9.797018,83.783257,88.145073

11.5508003,0.327219,9.674481,0.981655,9.729661,84.209396,88.062836

11.5533152,0.315254,9.707980,0.976870,9.762097,84.256935,88.140045

11.5558319,0.356231,9.722338,1.025025,9.782710,83.985550,87.901588

11.5583467,0.370588,9.650553,1.022633,9.711658,83.955582,87.800880

11.5608606,0.353839,9.638589,1.000798,9.696865,84.076042,87.897583

11.5633755,0.384945,9.652946,1.000798,9.712319,84.085503,87.716339

11.5658913,0.375374,9.672089,1.032204,9.734252,83.913010,87.777466

11.5684061,0.399302,9.674481,1.039382,9.738344,83.873100,87.636528

11.5709219,0.372981,9.655338,1.015454,9.715751,84.000702,87.787788

11.5734367,0.363410,9.605089,1.003191,9.664170,84.041664,87.833237

11.5759535,0.353839,9.607482,1.034597,9.669503,83.857834,87.890778

11.5784683,0.337089,9.629018,1.084846,9.695799,83.575821,87.995033

11.5809851,0.329611,9.617053,1.065703,9.681533,83.680305,88.037033

11.5835009,0.322433,9.621839,1.113560,9.691427,83.402054,88.080704

11.5860157,0.296112,9.631411,1.132702,9.702308,83.295677,88.239029

11.5885315,0.332004,9.617053,1.125524,9.688382,83.328743,88.022797

11.5910473,0.327219,9.612267,1.135095,9.684586,83.269096,88.050301

11.5935631,0.296112,9.640982,1.135095,9.712088,83.288246,88.240776

11.5960779,0.274576,9.650553,1.118345,9.719015,83.392464,88.370270

11.5985937,0.209970,9.676874,1.147059,9.746882,83.241501,88.756981

11.6011086,0.219541,9.688838,1.178166,9.762676,83.068611,88.701942

11.6036234,0.193220,9.696016,1.206880,9.772749,82.906181,88.858368

11.6061392,0.164507,9.715159,1.230808,9.794196,82.780716,89.029907

11.6086550,0.138186,9.724730,1.252344,9.806010,82.662613,89.185898

11.6111708,0.090329,9.770494,1.278665,9.854221,82.544388,89.470314

11.6136856,0.056530,9.796814,1.381855,9.893951,81.971443,89.669388

11.6162014,0.083151,9.866206,1.463211,9.974463,81.564514,89.517136

11.6187162,0.015852,9.882956,1.477568,9.992811,81.496887,89.908096

11.6212320,-0.036790,9.892527,1.542174,10.012079,81.139374,90.213081

11.6237469,-0.091825,9.906884,1.616651,10.038344,80.732292,90.531044

11.6262636,-0.122931,9.918848,1.707578,10.065510,80.232735,90.710068

11.6287785,-0.180359,9.966704,1.760220,10.122554,79.985878,91.036720

11.6312943,-0.242871,9.949955,1.765006,10.108206,79.943970,91.398270

11.6338091,-0.293121,9.918848,1.834697,10.091362,79.524872,91.692703

11.6363249,-0.283549,9.928419,1.858625,10.104870,79.401039,91.635887

11.6388397,-0.300299,9.878170,1.944767,10.072266,78.867340,91.741272

11.6413584,-0.290728,9.820743,1.932802,10.013352,78.870773,91.695656

11.6438742,-0.305085,9.746265,1.966302,9.947317,78.599167,91.792931

11.6463890,-0.367298,9.700802,1.975873,9.906793,78.495415,92.168335

11.6489048,-0.436690,9.652946,1.963909,9.860375,78.511467,92.590240

11.6514196,-0.470489,9.643374,1.963909,9.852561,78.502228,92.793175

11.6539354,-0.499203,9.643374,2.023730,9.866071,78.163467,92.963348

11.6564503,-0.551845,9.576375,1.990230,9.796556,78.278419,93.298058

11.6589670,-0.594916,9.473185,2.028515,9.706185,77.936714,93.593452

11.6614828,-0.587737,9.399008,2.057229,9.639449,77.677284,93.578148

11.6639977,-0.614058,9.322437,2.083550,9.572151,77.427902,93.768562

11.6665134,-0.685843,9.236296,2.119742,9.501203,77.108681,94.246712

11.6690292,-0.719342,9.180962,2.172384,9.461859,76.726845,94.480057

11.6715441,-0.750748,9.104391,2.246561,9.407475,76.183922,94.713943

11.6740608,-0.777069,9.125926,2.282454,9.439065,76.006645,94.866974

11.6765757,-0.805783,9.109177,2.335096,9.438170,75.675713,95.055138

11.6790915,-0.853639,9.128320,2.392823,9.475258,75.372498,95.342506

11.6815901,-0.901496,9.180962,2.486143,9.554248,74.917282,95.608002

11.6841049,-0.896710,9.209675,2.541178,9.595821,74.643669,95.561142

11.6866198,-0.961317,9.243474,2.584249,9.645946,74.460045,95.937386

11.6891346,-1.001994,9.322437,2.596213,9.728933,74.522804,96.134712

11.6916504,-1.064507,9.391829,2.625226,9.809762,74.477692,96.466530

11.6941652,-1.117149,9.463614,2.651546,9.891345,74.450706,96.732422

11.6966810,-1.222433,9.518948,2.653939,9.957314,74.542015,97.317932

11.6991959,-1.328017,9.605089,2.708974,10.067765,74.390823,97.871910

11.7017279,-1.402194,9.674481,2.735295,10.151038,74.367882,98.246872

11.7042437,-1.435694,9.748658,2.833401,10.253083,73.957741,98.377777

11.7067585,-1.450050,9.768100,2.883650,10.287559,73.721611,98.443756

11.7092752,-1.445265,9.792028,2.895914,10.313046,73.691986,98.396011

11.7117901,-1.462015,9.861421,2.891128,10.379968,73.827538,98.433014

11.7143059,-1.464407,9.892527,2.907878,10.414524,73.786720,98.420441

11.7168217,-1.473979,9.906884,2.893521,10.425519,73.886436,98.462578

11.7193365,-1.488336,9.961919,2.907878,10.483831,73.896828,98.497284

11.7218513,-1.502693,10.016953,2.869293,10.527596,74.183952,98.531601

11.7243671,-1.565205,10.077073,2.864508,10.592576,74.310379,98.828827

11.7268829,-1.608276,10.072288,2.831008,10.585468,74.487839,99.072029

11.7293987,-1.646561,10.101002,2.790330,10.607891,74.749306,99.258339

11.7319136,-1.682453,10.067502,2.847758,10.596932,74.411041,99.487442

11.7344294,-1.672882,10.117751,2.850151,10.643814,74.468071,99.388420

11.7369442,-1.670489,10.117751,2.864508,10.647292,74.393074,99.375229

11.7394600,-1.689632,10.112966,2.886043,10.651581,74.279213,99.485130

11.7419748,-1.648954,10.036395,2.895914,10.575188,74.107079,99.330193

11.7444916,-1.689632,10.062716,2.869293,10.599338,74.293777,99.531624

11.7470064,-1.754238,10.124930,2.893521,10.675394,74.273491,99.829445

11.7495222,-1.759024,10.139287,2.994019,10.717437,73.778008,99.842049

11.7520370,-1.823929,10.122537,2.936592,10.696544,74.065605,100.214241

11.7545528,-1.727917,10.156036,2.972484,10.722240,73.905289,99.655670

11.7570677,-1.596312,10.134501,3.010769,10.692102,73.644989,98.951263

11.7595835,-1.732703,10.112966,2.991627,10.687571,73.744781,99.722359

11.7621012,-1.713560,10.081859,2.946163,10.642370,73.928703,99.646080

11.7646170,-1.703989,10.050753,3.020340,10.632199,73.496445,99.622337

11.7671318,-1.471586,9.823135,3.063411,10.394423,72.859444,98.520012

11.7696476,-1.229612,9.780065,3.094518,10.331391,72.570877,97.165985

11.7721634,-1.572384,9.959526,2.972484,10.511909,73.574226,98.971657

11.7746782,-1.735096,10.139287,2.965306,10.705547,73.919495,99.710739

11.7771950,-1.615454,10.093823,3.044269,10.665952,73.416084,99.092728

11.7797098,-1.596312,9.937990,3.027519,10.510839,73.259483,99.125313

11.7822227,-1.294517,9.080462,2.934199,9.630166,72.260590,98.113457

11.7847385,-1.344766,9.600304,2.912663,10.122146,73.276604,97.973846

11.7872534,-1.708774,9.885348,2.941377,10.454268,73.658813,99.807198

11.7897692,-2.034497,10.215858,2.787937,10.783113,75.016159,101.263145

11.7922840,-1.763809,10.524831,2.883650,11.054344,74.878830,99.513542

11.7948008,-1.675275,10.680663,3.034697,11.229092,74.320671,98.914284

11.7973156,-1.893321,10.457831,2.917449,11.020998,74.649841,100.261864

11.7998314,-1.917249,10.093823,2.783152,10.644578,74.843178,100.754807

11.8023453,-1.876571,10.398011,2.905485,10.958194,74.624573,100.230278

11.8048611,-1.890928,10.668699,3.072983,11.262325,74.165771,100.050766

11.8073759,-1.905285,10.601700,3.128017,11.216535,73.806892,100.188156

11.8098917,-1.972284,10.431510,3.003591,11.033035,74.202629,100.706520

11.8124065,-1.948356,10.309476,2.857329,10.874084,74.765808,100.701935

11.8149233,-1.888535,10.227821,2.744867,10.756821,75.216072,100.461655

11.8174381,-1.845464,10.112966,2.630011,10.611069,75.649353,100.341827

11.8199539,-1.751845,10.000204,2.522035,10.461057,76.049240,99.936302

11.8224716,-1.634597,9.782457,2.440679,10.213976,76.175140,99.486183

11.8249874,-1.450050,9.600304,2.438286,10.010680,75.902748,98.589157

11.8275042,-1.442872,9.957133,2.404787,10.344534,76.557503,98.245247

11.8300190,-1.495514,10.172787,2.538785,10.590919,76.130379,98.363220

11.8325348,-1.473979,10.220643,2.541178,10.634460,76.175018,98.206383

11.8350496,-1.253540,9.727123,2.426322,10.103233,76.104424,97.343269

11.8375654,-0.700200,9.367901,2.325525,9.677599,76.095764,94.274597

11.8400803,-0.640379,10.436296,2.339881,10.714541,77.385880,93.511314

11.8425961,-0.702593,10.582558,2.339881,10.860903,77.558609,93.798386

11.8451118,-0.429512,10.280463,2.143670,10.510363,78.231506,92.392395

11.8476276,-0.139681,10.021739,1.942374,10.209190,79.032196,90.798523

11.8501425,0.150150,9.851849,1.851447,10.025434,79.357819,89.126839

11.8526583,0.375374,9.780065,1.851447,9.960845,79.288002,87.801979

11.8551731,0.540479,9.729516,1.849054,9.918397,79.255676,86.820465

11.8576889,0.768096,9.652946,1.899303,9.867963,78.902939,85.450493

11.8602057,0.935893,9.607482,1.892125,9.836653,78.909775,84.436203

11.8627195,1.074677,9.516555,1.844268,9.753003,79.099884,83.557053

11.8652344,1.134497,9.420543,1.844268,9.666180,79.000763,83.133057

11.8677502,1.235295,9.341579,1.877768,9.608177,78.729904,82.467133

11.8702650,1.342972,9.257831,1.913660,9.548460,78.438736,81.746063

11.8727808,1.415056,9.202497,1.997409,9.522498,77.891899,81.258179

11.8752956,1.498804,9.058928,2.119742,9.423581,77.000641,80.605484

11.8778114,1.587339,8.984750,2.196312,9.384517,76.465210,79.980919

11.8803272,1.606481,8.958130,2.177170,9.357828,76.546417,79.833092

11.8828421,1.594517,8.934201,2.129313,9.321825,76.795792,79.880775

11.8853569,1.606481,8.852845,2.146063,9.249824,76.584488,79.714745

11.8878727,1.517947,8.785847,2.088635,9.157383,76.815819,80.197670

11.8903875,1.467698,8.773883,2.054837,9.130033,76.993393,80.503471

11.8929033,1.395614,8.776276,1.985445,9.105643,77.405739,80.964417

11.8954182,1.359721,8.761918,1.923231,9.072975,77.761963,81.178894

11.8979349,1.199402,8.764311,1.904089,9.048606,77.852509,82.207436

11.9004498,0.777667,8.689835,1.851447,8.918848,78.018959,84.886131

11.9029655,0.842274,8.776276,1.688435,8.976817,79.158752,84.518021

11.9054813,1.220938,8.745169,1.793720,9.010333,78.517204,82.052147

11.9079962,1.249652,8.764311,1.872982,9.048914,78.054329,81.885231

11.9105120,1.165903,8.831310,1.791327,9.086266,78.629845,82.479347

11.9130268,1.103390,8.895916,1.676471,9.119504,79.406860,82.929520

11.9155436,1.017249,8.965608,1.479961,9.143698,80.685371,83.526833

11.9180584,0.935893,9.018250,1.384248,9.171742,81.319450,84.075188

11.9205742,0.897608,9.027821,1.271486,9.161000,82.021973,84.321922

11.9230890,0.916750,9.013464,1.137488,9.131092,82.843903,84.192474

11.9256039,0.830309,9.058928,1.077667,9.160511,83.243919,84.763100

11.9281197,0.787239,9.025428,0.940978,9.108432,84.070282,85.015022

11.9306345,0.727418,9.111569,0.905085,9.185261,84.345085,85.435501

11.9331512,0.777667,9.320045,0.902692,9.395895,84.486916,85.230270

11.9356661,0.801596,9.279366,0.845265,9.352201,84.814453,85.062775

11.9381819,0.772882,9.305687,0.720539,9.365486,85.587555,85.252213

11.9406967,0.756132,9.336794,0.660718,9.390634,85.965378,85.370056

11.9432125,0.736989,9.446864,0.584148,9.493557,86.472305,85.539154

11.9457283,0.748953,9.475577,0.526720,9.519712,86.828239,85.480713

11.9482441,0.736989,9.533304,0.507577,9.575212,86.961349,85.579437

11.9507599,0.727418,9.554840,0.430708,9.592164,87.426437,85.646423

11.9532747,0.708275,9.638589,0.315853,9.669737,88.128159,85.797272

11.9557905,0.681954,9.707980,0.260818,9.735397,88.464828,85.981758

11.9583054,0.701097,9.765409,0.157627,9.791813,89.077621,85.893555

11.9608212,0.672383,9.830314,0.040379,9.853365,89.765205,86.087120

11.9633369,0.550050,9.921241,-0.043370,9.936572,90.250076,86.826675

11.9658527,0.459123,9.957133,-0.110668,9.968327,90.636108,87.359962

11.9683685,0.444766,10.019346,-0.151346,10.030354,90.864555,87.458267

11.9708834,0.408874,10.069895,-0.122632,10.078938,90.697144,87.674866

11.9733992,0.423230,10.117751,-0.110668,10.127204,90.626129,87.604683

11.9759140,0.468694,10.160822,-0.136989,10.172548,90.771599,87.358955

11.9784298,0.456730,10.069895,-0.189631,10.082030,91.077728,87.403076

11.9809465,0.353839,10.175179,-0.244666,10.184269,91.376602,88.008362

11.9834614,0.308076,10.319048,-0.247059,10.326601,91.370903,88.289940

11.9859772,0.382553,10.254143,-0.297308,10.265583,91.659615,87.863449

11.9884920,0.384945,10.213465,-0.282951,10.224632,91.585777,87.841545

11.9910078,0.389731,10.179965,-0.321236,10.192487,91.806091,87.807549

11.9935226,0.408874,10.160822,-0.309272,10.173747,91.742004,87.695648

11.9960384,0.411266,10.148858,-0.256630,10.160429,91.447319,87.679451

11.9985542,0.401695,10.153644,-0.189631,10.163356,91.069107,87.734467

12.0010700,0.411266,10.136894,-0.165703,10.146586,90.935730,87.676712

12.0035849,0.444766,10.089038,-0.127418,10.099641,90.722870,87.475800

12.0060997,0.454337,10.036395,-0.060419,10.046855,90.344559,87.408051

12.0086155,0.420838,10.129716,-0.026620,10.138489,90.150436,87.621025

12.0111303,0.399302,10.156036,0.093021,10.164309,89.475639,87.748474

12.0136461,0.526122,10.122537,0.119342,10.136903,89.325439,87.024712

12.0161619,0.624527,10.024133,0.124128,10.044335,89.291924,86.434944

12.0186777,0.648455,9.997811,0.215354,10.021132,88.768616,86.289009

12.0211926,0.674776,9.885348,0.311067,9.913233,88.201820,86.095039

12.0237093,0.698704,9.734302,0.346959,9.765511,87.963905,85.894493

12.0262241,0.715454,9.595518,0.287139,9.626437,88.290718,85.735847

12.0287399,0.748953,9.557233,0.282353,9.590691,88.312950,85.519165

12.0312548,0.756132,9.571589,0.287139,9.605702,88.287025,85.483154

12.0337715,0.801596,9.446864,0.311067,9.485913,88.120789,85.149895

12.0362864,0.943071,9.387043,0.337388,9.440328,87.951866,84.263016

12.0388021,1.014856,9.303294,0.287139,9.362887,88.242592,83.774467

12.0413170,0.983749,9.241081,0.277567,9.297440,88.289230,83.923523

12.0438328,0.933500,9.236296,0.287139,9.287789,88.228378,84.228790

12.0463486,0.895215,9.231211,0.239282,9.277603,88.522095,84.460953

12.0488644,0.974178,9.171391,0.248854,9.226340,88.454430,83.936821

12.0513802,1.065105,9.142676,0.217747,9.207085,88.644836,83.355103

12.0538950,1.072284,9.145069,0.195912,9.209803,88.781105,83.312454

12.0564108,1.129711,9.157033,0.152842,9.227722,89.050949,82.966904

12.0589256,1.141975,9.176176,0.112164,9.247643,89.305046,82.906013

12.0614414,1.041177,9.212068,0.162413,9.272142,88.996346,83.551613

12.0639572,1.048355,9.257831,0.090628,9.317440,89.442688,83.539352

12.0664730,0.976571,9.219247,-0.052941,9.270976,90.327187,83.953354

12.0689888,1.002892,9.219247,-0.012263,9.273643,90.075768,83.791641

12.0715036,1.017249,9.260223,-0.012263,9.315937,90.075424,83.731110

12.0740194,0.959821,9.286545,-0.060419,9.336210,90.370789,84.099083

12.0765352,0.933500,9.324830,-0.031406,9.371491,90.192009,84.283218

12.0790501,0.904786,9.367901,-0.014656,9.411505,90.089226,84.483276

12.0815668,0.933500,9.375079,-0.048156,9.421563,90.292854,84.313660

12.0840797,0.957428,9.442079,-0.017049,9.490512,90.102928,84.209991

12.0865955,0.945464,9.415757,0.006879,9.463109,89.958351,84.265984

12.0891104,0.945464,9.406186,0.004487,9.453585,89.972809,84.260185

12.0916262,0.909572,9.399008,0.037986,9.442993,89.769516,84.472519

12.0941410,0.866202,9.425328,0.006879,9.465050,89.958359,84.749184

12.0966568,0.835095,9.449257,-0.029013,9.486131,90.175240,84.949501

12.0991716,0.866202,9.422935,-0.052941,9.462812,90.320549,84.747856

12.1016884,0.770489,9.425328,-0.117847,9.457502,90.713959,85.326653

12.1042061,0.713061,9.485149,-0.223131,9.514531,91.343796,85.700783

12.1067219,0.626920,9.497113,-0.182453,9.519531,91.098206,86.223297

12.1092377,0.559621,9.499506,-0.213559,9.518372,91.285629,86.628571

12.1117525,0.516551,9.463614,-0.235095,9.480616,91.420937,86.875732

12.1142693,0.550050,9.418150,-0.218345,9.436725,91.325813,86.657539

12.1167841,0.550050,9.389436,-0.237488,9.408532,91.446396,86.647339

12.1192999,0.540479,9.375079,-0.225524,9.393353,91.375740,86.700516

12.1218147,0.538086,9.394221,-0.201595,9.411778,91.227341,86.721771

12.1243286,0.545264,9.379865,-0.192024,9.397662,91.170815,86.673065

12.1268435,0.480658,9.334401,-0.232702,9.349665,91.426170,87.052261

12.1293592,0.428016,9.317652,-0.256630,9.331007,91.576004,87.369904

12.1318741,0.461516,9.312865,-0.247059,9.327566,91.517769,87.162926

12.1343908,0.387338,9.296116,-0.282951,9.308483,91.741898,87.614059

12.1369066,0.332004,9.360723,-0.314058,9.371872,91.920380,87.968697

12.1394215,0.332004,9.387043,-0.328714,9.398663,92.004303,87.974388

12.1419373,0.353839,9.389436,-0.328714,9.401849,92.003624,87.841843

12.1444521,0.310469,9.439685,-0.266202,9.448540,91.614456,88.116234

12.1469679,0.324826,9.482756,-0.237488,9.491289,91.433784,88.038139

12.1494827,0.300897,9.489935,-0.136989,9.495692,90.826607,88.183929

12.1519995,0.288933,9.535697,-0.060419,9.540264,90.362862,88.264458

12.1545143,0.305683,9.523733,-0.031406,9.528689,90.188843,88.161606

12.1570301,0.341875,9.583553,-0.021835,9.589674,90.130455,87.956955

12.1595449,0.344267,9.605089,0.021236,9.611280,89.873405,87.947273

12.1620607,0.276969,9.626625,0.021236,9.630632,89.873657,88.351990

12.1645794,0.284148,9.643374,0.018843,9.647578,89.888092,88.312233

12.1670942,0.349053,9.552447,0.045165,9.558929,89.729286,87.907303

12.1696100,0.353839,9.528519,0.066700,9.535319,89.599213,87.873314

12.1721249,0.279362,9.499506,0.085843,9.504001,89.482483,88.315529

12.1746407,0.219541,9.451650,0.057129,9.454371,89.653786,88.669380

12.1771564,0.214756,9.420543,0.030808,9.423040,89.812675,88.694077

12.1796713,0.183649,9.437292,0.047557,9.439198,89.711327,88.885170

12.1821880,0.193220,9.422935,0.047557,9.425035,89.710892,88.825294

12.1847000,0.128614,9.499506,0.097807,9.500880,89.410156,89.224319

12.1872149,0.095115,9.526126,0.126520,9.527441,89.239113,89.427940

12.1897306,0.095115,9.559626,0.150449,9.561283,89.098404,89.429947

12.1922455,0.013460,9.612267,0.191127,9.614177,88.860901,89.919769

12.1947613,-0.005683,9.621839,0.155234,9.623093,89.075699,90.033844

12.1972761,-0.010469,9.562018,0.057129,9.562195,89.657692,90.062729

12.1997919,-0.015254,9.631411,-0.026620,9.631459,90.158356,90.090744

12.2023077,0.025424,9.672089,0.009272,9.672127,89.945076,89.849396

12.2048197,-0.010469,9.626625,0.026022,9.626666,89.845123,90.062309

12.2073364,0.034995,9.547662,-0.033799,9.547786,90.202827,89.789993

12.2098513,0.085543,9.585947,0.076271,9.586632,89.544151,89.488716

12.2123661,0.061316,9.562018,0.107378,9.562818,89.356628,89.632599

12.2148819,0.164507,9.540483,0.167198,9.543365,88.996132,89.012146

12.2173967,0.154935,9.485149,0.186341,9.488244,88.874687,89.064186

12.2199125,0.142971,9.475577,0.207876,9.478935,88.743385,89.135567

12.2224274,0.262612,9.363115,0.313460,9.372041,88.083313,88.393417

12.2249451,0.147757,9.394221,0.318245,9.400772,88.059990,89.098900

12.2274599,0.063709,9.420543,0.320638,9.426213,88.050674,89.612526

12.2299757,0.006281,9.446864,0.311067,9.451986,88.114044,89.961906

12.2324905,0.018245,9.355937,0.222533,9.358601,88.637466,89.888268

12.2350063,0.128614,9.389436,0.176770,9.391980,88.921555,89.215225

12.2375212,0.044566,9.451650,0.251246,9.455093,88.477325,89.729843

12.2400379,-0.005683,9.487542,0.220140,9.490097,88.670807,90.034317

12.2425528,0.054138,9.475577,0.200698,9.477858,88.786644,89.672653

12.2450686,0.027817,9.470792,0.207876,9.473114,88.742607,89.831718

12.2475843,0.039781,9.425328,0.198305,9.427498,88.794708,89.758179

12.2500992,0.056530,9.408579,0.150449,9.409951,89.083900,89.655746

12.2526150,-0.010469,9.504591,0.124128,9.505407,89.251778,90.063110

12.2551298,-0.082253,9.511769,0.095414,9.512604,89.425301,90.495453

12.2576466,-0.032004,9.466006,-0.021835,9.466085,90.132156,90.193710

12.2601614,0.063709,9.348758,-0.009870,9.348980,90.060493,89.609550

12.2626772,0.085543,9.394221,0.071486,9.394883,89.564034,89.478279

12.2652054,-0.034397,9.451650,0.100199,9.452243,89.392616,90.208511

12.2677212,-0.108574,9.454042,0.076271,9.454973,89.537804,90.657982

12.2702370,-0.127717,9.363115,0.112164,9.364658,89.313736,90.781494

12.2727528,-0.008076,9.298509,0.131306,9.299439,89.190971,90.049759

12.2752686,0.011067,9.245867,0.109771,9.246525,89.319794,89.931419

12.2777843,-0.005683,9.152247,0.066700,9.152493,89.582443,90.035576

12.2803001,-0.063111,9.221640,0.131306,9.222791,89.184242,90.392113

12.2828159,-0.180359,9.250652,0.171984,9.254009,88.935104,91.116951

12.2853146,-0.233300,9.192925,0.164806,9.197362,88.973274,91.453751

12.2878304,-0.307478,9.200104,0.227318,9.208047,88.585403,91.914177

12.2903452,-0.312263,9.152247,0.272782,9.161635,88.293800,91.954102

12.2928619,-0.295514,9.082855,0.253639,9.091200,88.401276,91.863480

12.2953768,-0.321835,9.020642,0.253639,9.029944,88.390427,92.043304

12.2978916,-0.336192,8.927023,0.311067,8.938766,88.005714,92.156738

12.3004074,-0.317049,8.836096,0.315853,8.847422,87.954109,92.054955

12.3029222,-0.269193,8.668299,0.327817,8.678671,87.835266,91.778740

12.3054380,-0.384048,8.771489,0.358923,8.787226,87.659042,92.507019

12.3079548,-0.748355,8.975179,0.397209,9.015079,87.474701,94.766327

12.3104696,-0.812962,8.886345,0.413958,8.933050,87.343956,95.227119

12.3129845,-0.760319,8.747561,0.478565,8.793574,86.880302,94.967545

12.3155003,-0.796212,8.665906,0.524327,8.718187,86.552048,95.249519

12.3180151,-0.774676,8.570193,0.498006,8.619533,86.687805,95.165039

12.3205309,-0.767498,8.567801,0.464208,8.614624,86.911064,95.118858

12.3230457,-0.918246,8.615657,0.442672,8.675753,87.075264,96.083549

12.3255625,-1.019043,8.560622,0.370888,8.629036,87.536591,96.788460

12.3280783,-0.939781,8.484052,0.382852,8.544524,87.431908,96.320900

12.3305931,-0.932603,8.400003,0.358923,8.459233,87.568222,96.335266

12.3331079,-0.896710,8.457730,0.346959,8.512208,87.663963,96.052040

12.3356237,-0.887139,8.500801,0.256032,8.550800,88.284164,95.957794

12.3381386,-0.920639,8.500801,0.224925,8.553466,88.493156,96.181053

12.3406544,-0.906282,8.543872,0.217747,8.594563,88.548233,96.054947

12.3431702,-0.954138,8.551051,0.181555,8.606033,88.791183,96.366806

12.3456879,-0.968495,8.603693,0.124128,8.658922,89.178627,96.422600

12.3482027,-0.846461,8.641978,0.124128,8.684221,89.181015,95.594139

12.3507185,-0.891925,8.869596,0.145663,8.915519,89.063850,95.742348

12.3532333,-1.019043,8.919845,0.145663,8.979048,89.070473,96.517471

12.3557491,-1.062114,8.910274,0.136092,8.974385,89.131104,96.797646

12.3582649,-0.956531,9.090034,0.183948,9.142074,88.847069,96.007042

12.3607807,-0.920639,9.142676,0.109771,9.189568,89.315575,95.750122

12.3632956,-0.980459,9.192925,0.069093,9.245321,89.571808,96.087791

12.3658133,-1.129113,9.276974,0.023629,9.345464,89.855133,96.939415

12.3683290,-1.095614,9.406186,0.026022,9.469814,89.842560,96.643761

12.3708439,-0.865604,9.487542,0.006879,9.526950,89.958626,95.212997

12.3733606,-0.834497,9.482756,-0.113061,9.520075,90.680466,95.029160

12.3758755,-0.887139,9.595518,-0.184846,9.638213,91.098907,95.282181

12.3783913,-1.232005,9.808778,-0.306879,9.890609,91.778023,97.158989

12.3809061,-0.934995,9.935597,-0.254237,9.982733,91.459351,95.376022

12.3834219,-0.597308,9.909277,-0.371785,9.934222,92.144775,93.449486

12.3859367,-0.585344,9.947562,-0.520140,9.978335,92.988007,93.367569

12.3884535,-0.633201,10.091431,-0.560818,10.126818,93.174637,93.590393

12.3909683,-0.896710,10.292427,-0.642473,10.351373,93.558434,94.979225

12.3934841,-0.879961,10.424332,-0.642473,10.481116,93.514328,94.825134

12.3959990,-0.518345,10.529616,-0.630509,10.561205,93.422623,92.818245

12.3985147,-0.333799,10.543973,-0.793221,10.579035,94.300095,91.813255

12.4010296,-0.118146,10.457831,-0.857827,10.493620,94.689018,90.647263

12.4035454,0.262612,10.345368,-0.961017,10.393227,95.305473,88.545883

12.4060631,0.595514,10.354940,-0.958625,10.416256,95.280495,86.708542

12.4085779,0.681954,10.393225,-0.901197,10.454489,94.945145,86.245903

12.4110937,0.662812,10.388439,-0.860519,10.445069,94.725677,86.349312

12.4136095,0.610170,10.448260,-0.752543,10.493082,94.112671,86.657768

12.4161243,0.634098,10.340583,-0.709472,10.384271,93.917603,86.490944

12.4186401,0.820738,10.194322,-0.572782,10.243334,93.205513,85.397079

12.4211559,0.935893,10.144073,-0.412463,10.195500,92.318558,84.728813

12.4236717,0.926321,10.069895,-0.302094,10.116922,91.711121,84.744202

12.4261875,0.976571,10.016953,-0.180060,10.066055,91.024956,84.431732

12.4287033,1.053141,9.954741,-0.098704,10.010779,90.564934,83.960976

12.4312181,1.149153,9.765409,-0.043370,9.832886,90.252716,83.288536

12.4337339,1.268794,9.612267,0.009272,9.695649,89.945206,82.480576

12.4362488,1.247259,9.540483,0.035593,9.621732,89.788048,82.551773

12.4387655,1.225723,9.451650,0.037986,9.530871,89.771645,82.610916

12.4412813,1.201795,9.389436,0.128913,9.466912,89.219765,82.706116

12.4437962,1.124926,9.291330,0.136092,9.360171,89.166924,83.096649

12.4463110,0.952643,9.228818,0.133699,9.278819,89.174393,84.106529

12.4488258,0.854238,9.178569,0.073878,9.218531,89.540817,84.682869

12.4513416,0.686740,9.135498,-0.017049,9.161289,90.106628,85.701004

12.4538565,0.542872,9.125926,-0.127418,9.142946,90.798508,86.595673

12.4563732,0.401695,9.097213,-0.153739,9.107375,90.967239,87.471703

12.4588881,0.542872,8.716455,-0.366999,8.741051,92.406311,86.436150

12.4614038,0.392124,9.061320,-0.285344,9.074288,91.801979,87.522102

12.4639187,0.061316,9.432507,-0.187238,9.434565,91.137169,89.627556

12.4664412,-0.223729,9.820743,-0.129811,9.824148,90.757095,91.305046

12.4689569,-0.376870,10.041182,-0.194417,10.050132,91.108437,92.149437

12.4714727,-0.439083,10.182358,-0.268594,10.195359,91.509621,92.469177

12.4739885,-0.513560,10.184751,-0.386142,10.204998,92.168503,92.886658

12.4765034,-0.635594,10.232607,-0.417248,10.260815,92.330536,93.554337

12.4790201,-0.657129,10.292427,-0.503390,10.325661,92.794357,93.653137

12.4815359,-0.527916,10.282856,-0.625723,10.315394,93.477646,92.938957

12.4840508,-1.071685,10.407582,-0.742971,10.488960,94.061874,95.879120

12.4865618,-1.167398,10.582558,-0.757328,10.673654,94.068733,96.295044

12.4890766,-0.379262,10.465010,-0.661615,10.492760,93.615150,92.075546

12.4915924,-0.185145,10.565509,-0.678365,10.588882,93.673111,91.003922

12.4941082,-0.290728,10.836197,-0.625723,10.858141,93.303619,91.536842

12.4966230,-0.518345,10.999207,-0.551247,11.025204,92.865913,92.698105

12.4991388,-0.741177,11.066207,-0.536890,11.103988,92.771393,93.831757

12.5016546,-0.896710,11.070992,-0.527318,11.119759,92.718086,94.630638

12.5041704,-1.033400,11.061420,-0.460319,11.119120,92.372658,95.337296

12.5066700,-0.846461,10.846066,-0.441177,10.887988,92.322235,94.462494

12.5091848,-0.458226,10.203893,-0.500997,10.226456,92.808060,92.571251

12.5116997,-0.547059,10.936995,-0.115454,10.951276,90.604050,92.863503

12.5142145,-1.117149,11.703594,0.093021,11.757159,89.546677,95.452560

12.5167303,-1.579562,11.933605,0.009272,12.037692,89.955864,97.539986

12.5192451,-1.629811,11.914462,0.054736,12.025542,89.739212,97.789299

12.5217600,-1.383052,11.725130,0.097807,11.806823,89.525360,96.727303

12.5242758,-1.186541,11.670095,0.195912,11.731896,89.043167,95.805519

12.5268078,-1.361516,11.722737,0.215354,11.803503,88.954582,96.624832

12.5293236,-1.565205,11.789736,0.275175,11.896362,88.674576,97.562363

12.5318384,-1.706382,11.782557,0.373280,11.911328,88.204155,98.240440

12.5343542,-1.816751,11.753844,0.409173,11.900455,88.029617,98.786476

12.5368700,-1.957927,11.713166,0.445065,11.884016,87.853729,99.489601

12.5393858,-2.087439,11.701201,0.545863,11.898466,87.370537,100.114891

12.5419016,-2.269293,11.619547,0.593719,11.853948,87.129074,101.050743

12.5444164,-2.382055,11.504691,0.612862,11.764680,87.013916,101.697845

12.5469303,-2.525624,11.385050,0.629611,11.678807,86.909653,102.507767

12.5494461,-2.714956,11.253146,0.617647,11.592487,86.945839,103.564079

12.5519609,-2.848954,11.107183,0.610469,11.482976,86.952553,104.386032

12.5544767,-2.976073,11.003993,0.612862,11.415799,86.922577,105.133812

12.5569935,-3.067000,10.917851,0.615255,11.357135,86.894569,105.690910

12.5595083,-3.167798,10.886744,0.605683,11.354426,86.942200,106.223808

12.5620241,-3.232404,10.860424,0.655932,11.350221,86.687012,106.574661

12.5645390,-3.301796,10.838888,0.667897,11.350307,86.626541,106.942047

12.5670528,-3.246761,10.850852,0.641576,11.344341,86.757927,106.658089

12.5695677,-3.194119,10.884352,0.615255,11.360020,86.895363,106.354843

12.5720835,-3.182155,10.939387,0.555434,11.406350,87.208870,106.219170

12.5745993,-3.136392,11.008779,0.593719,11.462228,87.030869,105.902214

12.5771151,-3.105286,11.070992,0.572184,11.512474,87.151161,105.668198

12.5796299,-3.076572,11.171790,0.545863,11.600524,87.302948,105.396889

12.5821457,-3.043072,11.248360,0.562612,11.666294,87.235809,105.138130

12.5846605,-3.050251,11.298610,0.572184,11.717082,87.200943,105.107811

12.5871716,-2.956931,11.425728,0.531506,11.814110,87.421448,104.509575

12.5896873,-2.995216,11.464013,0.579362,11.862992,87.200691,104.642410

12.5922022,-3.052644,11.456835,0.588933,11.871164,87.156364,104.919685

12.5947180,-3.023930,11.552547,0.524327,11.953259,87.485924,104.668327

12.5972338,-3.031108,11.557333,0.572184,11.961896,87.258278,104.695816

12.5997486,-3.131607,11.531013,0.533899,11.960613,87.441574,105.193985

12.6022644,-3.136392,11.480763,0.488435,11.911484,87.649902,105.279617

12.6047792,-3.146263,11.475977,0.481256,11.909183,87.684013,105.331535

12.6072941,-3.114857,11.344073,0.598505,11.779158,87.087517,105.353882

12.6098089,-2.992823,11.267503,0.620040,11.674676,86.955597,104.875168

12.6123247,-3.083750,11.092527,0.955334,11.552763,85.256615,105.536064

12.6148396,-2.856133,10.802697,1.099203,11.227822,84.381752,104.809601

12.6173563,-2.082653,10.429117,1.389034,10.725360,82.558762,101.293182

12.6198711,-1.538585,10.115358,1.669293,10.366979,80.733887,98.648621

12.6223860,-1.292124,10.014561,1.688435,10.237764,80.507278,97.351944

12.6249018,-1.241576,10.246964,1.628615,10.449601,81.033653,96.908577

12.6274176,-1.064507,10.778769,1.755435,10.972538,80.794014,95.640221

12.6299324,-0.760319,11.497513,1.942374,11.685191,80.431580,93.783409

12.6324482,-0.441476,12.240185,2.018944,12.413427,80.639725,92.065636

12.6349640,-0.214158,12.834204,1.906481,12.976799,81.551834,90.955978

12.6374788,-0.058325,13.198212,1.705185,13.308037,82.638336,90.253197

12.6399946,0.006281,13.339687,1.518246,13.425810,83.506866,89.973022

12.6425095,0.066102,13.440186,1.398605,13.512921,84.059174,89.718208

12.6450253,0.030209,13.483256,1.298106,13.545633,84.500786,89.871628

12.6475401,-0.048754,13.586447,1.286142,13.647274,84.592323,90.205597

12.6500549,0.284148,13.881063,1.336391,13.948139,84.501976,88.827309

12.6525717,0.478265,14.053645,1.369891,14.128350,84.435837,88.050896

12.6550865,0.557229,14.285749,1.249951,14.351151,85.003342,87.766258

12.6576014,0.818345,14.580366,1.080060,14.643200,85.770111,86.787560

12.6601171,0.947857,14.707484,0.759123,14.757533,87.051422,86.312546

12.6626320,0.871287,14.796019,0.318245,14.825066,88.769951,86.629944

12.6651478,0.880858,14.824733,-0.113061,14.851310,90.436188,86.599586

12.6676550,0.983749,14.721841,-0.481855,14.762538,91.870491,86.177040

12.6701698,1.146760,14.570794,-0.759721,14.635583,92.975517,85.499947

12.6726847,1.584946,14.420047,-1.004088,14.541595,93.959389,83.727646

12.6751995,1.853241,14.142180,-1.193420,14.312932,94.782906,82.534302

12.6777143,2.430510,13.804493,-1.262812,14.073596,95.148026,80.014473

12.6802292,2.766103,13.435400,-1.401895,13.788641,95.835358,78.366402

12.6827459,3.225824,13.009178,-1.389632,13.475004,95.919243,76.073532

12.6852608,3.709772,12.513266,-1.473680,13.134533,96.442085,73.486641

12.6877880,3.951747,12.136994,-1.478465,12.849466,96.607109,71.965004

12.6903028,4.660919,11.686845,-1.176671,12.636892,95.342773,68.257019

12.6928186,5.242973,11.253146,-0.927518,12.449191,94.272743,65.018631

12.6953335,5.595017,10.814661,-0.738186,12.198607,93.469315,62.644993

12.6978493,5.844170,10.426724,-0.505783,11.963558,92.423012,60.729408

12.7003641,6.102894,9.990633,-0.374178,11.713159,91.830627,58.580841

12.7028809,5.988039,9.600304,-0.208774,11.316626,91.057076,58.046795

12.7053957,5.901598,9.370294,-0.086740,11.074240,90.448776,57.796459

12.7079124,5.789135,9.176176,0.064307,10.849905,89.660408,57.752682

12.7104273,5.628517,9.025428,0.220140,10.638939,88.814362,58.051144

12.7129431,5.719743,8.919845,0.366102,10.602506,88.021194,57.330463

12.7154579,5.621338,8.797811,0.548256,10.454736,86.993980,57.423561

12.7179737,5.585446,8.790632,0.586541,10.431513,86.776688,57.568687

12.7204895,5.707779,8.900702,0.689432,10.596064,86.269417,57.329044

12.7230053,5.825027,8.970393,0.790230,10.724895,85.774513,57.001862

12.7255201,5.779564,9.168997,1.032204,10.887576,84.559868,57.775223

12.7280350,5.451448,9.477970,1.226022,11.002424,83.602127,60.093761

12.7305498,5.231009,9.736694,1.424926,11.144375,82.654022,61.753220

12.7330656,5.036891,10.069895,1.743470,11.393539,81.197861,63.426102

12.7355804,4.905286,10.508080,1.932802,11.756585,80.537521,64.976326

12.7380972,4.696812,10.951351,2.160420,12.110308,79.723709,66.786491

12.7406120,4.485944,11.420942,2.500500,12.522544,78.481758,68.555977

12.7431278,4.383053,11.885449,2.749652,12.962856,77.753510,69.757301

12.7456427,4.279862,12.288041,2.912663,13.334046,77.382690,70.797035

12.7481585,3.975675,12.719348,3.118446,13.686215,76.829292,72.642372

12.7506733,3.671487,13.114463,3.226422,13.995669,76.671722,74.360031

12.7531891,3.410371,13.368401,3.348456,14.197074,76.357948,75.688698

12.7557049,3.158825,13.579268,3.398705,14.350119,76.299797,76.904678

12.7582207,2.880959,13.670196,3.432504,14.385975,76.196030,78.099213

12.7607355,2.612663,13.689339,3.379563,14.340343,76.368988,79.194824

12.7632513,2.365903,13.540983,3.271886,14.130144,76.611443,80.089226

12.7657661,2.121536,13.366008,3.137589,13.892283,76.947067,80.980896

12.7682819,1.846063,13.083356,2.962913,13.541085,77.360909,81.968582

12.7707968,1.577767,12.680763,2.744867,13.070019,77.876915,82.907585

12.7733135,1.436591,12.201900,2.514857,12.540919,78.431923,83.285194

12.7758284,1.242473,11.703594,2.337489,11.999238,78.766777,83.940079

12.7783442,0.943071,11.217254,2.213062,11.472306,78.877655,85.194260

12.7808590,0.859023,10.493724,2.081157,10.732538,78.818886,85.320160

12.7833748,0.873679,9.739087,1.942374,9.969250,78.764824,84.873802

12.7858896,0.780060,9.161819,1.808077,9.371049,78.875427,85.133430

12.7884073,0.650848,8.567801,1.736292,8.766157,78.576019,85.655907

12.7909222,0.605384,8.038388,1.619044,8.222134,78.643517,85.693092

12.7934380,0.641276,7.547262,1.585544,7.738627,78.177116,85.143349

12.7959528,0.605384,7.211967,1.614258,7.415173,77.426224,85.201752

12.7984686,0.566800,6.960422,1.583151,7.160664,77.226936,85.344574

12.8009834,0.499801,6.749555,1.559223,6.945320,77.026535,85.765007

12.8034992,0.516551,6.553044,1.575973,6.759652,76.517754,85.492920

12.8060150,0.530908,6.469295,1.559223,6.675689,76.492813,85.308495

12.8085279,0.478265,6.454938,1.520639,6.648858,76.779053,85.762527

12.8110437,0.456730,6.466902,1.566401,6.669561,76.416733,85.960152

12.8135586,0.432802,6.502795,1.602294,6.711259,76.187393,86.192223

12.8160744,0.368196,6.574878,1.638186,6.785886,76.030174,86.794762

12.8185892,0.339482,6.699305,1.647758,6.907318,76.198883,87.099068

12.8211050,0.329611,6.857531,1.650150,7.060975,76.484993,87.248161

12.8236198,0.245863,6.996315,1.556830,7.171651,77.462349,87.987358

12.8261366,0.171685,7.180861,1.556830,7.349691,77.770821,88.630394

12.8286505,0.157328,7.403692,1.530210,7.561809,78.324982,88.782654

12.8311653,0.135793,7.537691,1.508675,7.688389,78.683548,88.967918

12.8336802,0.133400,7.643274,1.487139,7.787748,78.991257,89.000107

12.8361959,0.150150,7.844271,1.496711,7.987194,79.199562,88.903419

12.8387108,0.128614,7.985746,1.515853,8.129360,79.253357,89.077301

12.8412266,0.154935,8.064710,1.429712,8.191924,79.948868,88.899399

12.8437414,0.135793,8.138887,1.336391,8.248992,80.676613,89.044144

12.8462572,0.205185,8.177471,1.247558,8.274632,81.328506,88.562668

12.8487740,0.286541,8.172686,1.187737,8.263512,81.736099,87.991989

12.8512888,0.368196,8.117352,1.159024,8.207941,81.882271,87.402893

12.8538036,0.495015,8.076674,1.197309,8.179930,81.583290,86.492760

12.8563194,0.658026,7.983354,1.233201,8.104795,81.248055,85.288055

12.8588343,0.768096,7.863413,1.307678,8.008325,80.602104,84.421059

12.8613510,0.876072,7.760522,1.283749,7.914620,80.665398,83.559242

12.8638659,0.926321,7.743773,1.269093,7.901562,80.757523,83.178604

12.8663816,1.060320,7.636095,1.283749,7.815513,80.545952,82.094673

12.8688965,1.185045,7.523334,1.338784,7.732866,80.030197,81.048546

12.8714113,1.326222,7.453942,1.348356,7.690135,79.901802,79.911377

12.8739271,1.424627,7.372586,1.331606,7.626123,79.943970,79.063354

12.8764420,1.460519,7.386942,1.314856,7.643879,80.095047,78.815933

12.8789587,1.491626,7.374979,1.310070,7.637509,80.123146,78.565895

12.8814735,1.517947,7.410871,1.333999,7.681453,79.999031,78.424385

12.8839893,1.580160,7.391728,1.336391,7.675969,79.973671,77.933273

12.8865042,1.680958,7.451549,1.362713,7.759394,79.885201,77.287712

12.8890190,1.709672,7.585547,1.393819,7.899762,79.837639,77.298599

12.8915348,1.810170,7.652845,1.453640,7.997239,79.527260,76.692101

12.8940496,1.862812,7.717451,1.470389,8.074105,79.507210,76.429710

12.8965654,1.836491,7.805985,1.518246,8.161568,79.279175,76.760948

12.8990812,1.884348,7.853842,1.525424,8.219521,79.304726,76.508232

12.9015961,1.884348,7.863413,1.597508,8.242334,78.824348,76.524048

12.9041119,1.903490,7.945068,1.585544,8.322340,79.017067,76.526947

12.9066267,1.942075,7.985746,1.633401,8.379249,78.759132,76.331429

12.9091434,1.992324,8.026424,1.650150,8.433022,78.715714,76.059753

12.9116592,2.021038,8.031210,1.657329,8.445807,78.683357,75.874924

12.9141750,2.107179,7.995318,1.686043,8.438487,78.474510,75.235336

12.9166908,2.174178,7.973783,1.712364,8.440406,78.294754,74.748154

12.9192057,2.229512,8.000103,1.657329,8.468714,78.714371,74.427620

12.9217205,2.186143,8.043174,1.638186,8.494440,78.880615,74.794289

12.9242363,2.195714,7.976175,1.654936,8.436786,78.687668,74.608620

12.9267511,2.210370,7.945068,1.640579,8.408409,78.748749,74.453087

12.9292669,2.198107,7.947461,1.657329,8.410741,78.635551,74.539635

12.9317837,2.260619,7.945068,1.671686,8.427873,78.559395,74.117294

12.9342985,2.332404,7.937890,1.671686,8.440660,78.576958,73.625542

12.9368143,2.380260,7.837092,1.595115,8.344462,78.979599,73.105560

12.9393291,2.385046,7.868199,1.647758,8.385231,78.667221,73.136642

12.9418449,2.452045,7.909176,1.611865,8.435977,78.984741,72.775238

12.9443598,2.459224,7.861021,1.496711,8.371593,79.701035,72.628349

12.9468765,2.310869,7.872985,1.417747,8.326705,80.196770,73.642052

12.9493904,2.143072,7.851449,1.353141,8.250395,80.560318,74.732880

12.9519062,2.382653,7.829914,1.530210,8.326232,79.409882,73.074928

12.9544210,2.837888,7.882556,1.762613,8.561255,78.118835,70.200043

12.9569368,2.964707,7.861021,1.698007,8.571368,78.573997,69.336517

12.9594517,2.955136,7.865806,1.635793,8.560348,78.983620,69.409103

12.9619675,2.873780,7.853842,1.604687,8.515660,79.138268,69.902046

12.9644823,2.634199,7.923533,1.494318,8.482592,79.853661,71.610481

12.9669991,2.526522,7.916355,1.460818,8.437178,80.029526,72.299408

12.9695148,2.447259,7.899605,1.456033,8.397194,80.014725,72.787270

12.9720297,2.339582,7.937890,1.530210,8.415776,79.523842,73.577850

12.9745455,2.243870,7.985746,1.561616,8.440720,79.338295,74.305473

12.9770603,2.159822,7.928319,1.623829,8.376149,78.821663,74.761345

12.9795761,2.097608,7.947461,1.619044,8.377554,78.856918,75.214836

12.9820910,1.949253,8.000103,1.657329,8.399284,78.619843,76.306503

12.9846077,1.872384,7.988139,1.702792,8.379480,78.275276,76.808281

12.9871225,1.810170,7.997711,1.714756,8.377379,78.188713,77.246773

12.9896374,1.642374,8.081459,1.776970,8.435935,77.839966,78.512375

12.9921522,1.549054,8.138887,1.815255,8.481522,77.641685,79.223930

12.9946680,1.362114,8.199007,1.846661,8.514061,77.473251,80.567505

12.9971828,1.228116,8.256434,1.868196,8.553779,77.384575,81.539482

12.9996986,1.170689,8.340183,1.920838,8.638217,77.152016,82.009750

13.0022144,1.022034,8.361719,1.908874,8.637517,77.232338,83.031433

13.0047302,0.890429,8.402397,1.923231,8.665562,77.177017,83.950760

13.0072451,0.808774,8.510373,1.997409,8.778964,76.848763,84.571259

13.0097609,0.753739,8.546266,2.076372,8.827123,76.395035,84.959831

13.0122766,0.696311,8.551051,2.050051,8.820886,76.561073,85.344681

13.0147915,0.614955,8.539086,2.112563,8.817998,76.138596,85.880867

13.0173082,0.569193,8.601300,2.136492,8.880932,76.079781,86.213959

13.0198231,0.483051,8.627621,2.165205,8.908271,75.933044,86.795418

13.0223389,0.404088,8.630014,2.148456,8.902600,76.035011,87.319168

13.0248537,0.346660,8.606086,2.201098,8.889866,75.664680,87.693329

13.0273695,0.308076,8.601300,2.205883,8.884998,75.624809,87.948692

13.0298862,0.231506,8.589336,2.172384,8.862819,75.811546,88.456100

13.0324030,0.116650,8.546266,2.146063,8.812369,75.905113,89.218002

13.0349178,0.085543,8.519944,2.201098,8.800091,75.515259,89.424751

13.0374336,0.039781,8.457730,2.277668,8.759141,74.927963,89.730515

13.0399485,0.013460,8.423932,2.287239,8.728933,74.809471,89.908455

13.0424643,-0.043968,8.356933,2.268097,8.659360,74.815727,90.301445

13.0449791,-0.158824,8.349754,2.294418,8.660714,74.637657,91.089714

13.0474949,-0.228515,8.266006,2.258525,8.572048,74.723610,91.583542

13.0500078,-0.302692,8.194221,2.222633,8.495704,74.833878,92.115524

13.0525236,-0.381655,8.196614,2.208276,8.497449,74.937340,92.665909

13.0550394,-0.419940,8.129315,2.287239,8.455388,74.305580,92.957130

13.0575542,-0.506381,8.086245,2.299203,8.422002,74.157158,93.583328

13.0600700,-0.594916,8.057531,2.294418,8.398934,74.146439,94.222687

13.0625849,-0.616451,8.062317,2.318346,8.411640,74.001534,94.372368

13.0651007,-0.704985,8.038388,2.311167,8.393699,74.017395,95.012146

13.0676155,-0.777069,8.033603,2.349453,8.406101,73.770004,95.524879

13.0701294,-0.695414,7.988139,2.407180,8.371886,73.289780,94.975388

13.0726461,-0.621237,7.980961,2.431108,8.366119,73.106735,94.450920

13.0751610,-0.724128,8.019246,2.493321,8.429076,72.794479,95.159744

13.0776768,-0.887139,8.055139,2.467000,8.471031,73.068520,96.284843

13.0801916,-0.942174,8.064710,2.457429,8.483289,73.161270,96.663475

13.0827074,-0.901496,8.076674,2.517249,8.507755,72.789864,96.368835

13.0852222,-0.923031,8.062317,2.533999,8.501417,72.658409,96.531189

13.0877371,-0.930210,8.057531,2.608177,8.520076,72.174362,96.585419

13.0902500,-0.944567,8.086245,2.644368,8.559920,72.005577,96.662613

13.0927649,-0.906282,8.064710,2.689832,8.549624,71.662483,96.411781

13.0952806,-0.839283,8.091031,2.761616,8.590443,71.247826,95.922112

13.0977964,-0.827318,8.107780,2.783152,8.611998,71.145172,95.826302

13.1003113,-0.774676,8.098209,2.804687,8.605079,70.977837,95.464302

13.1028261,-0.841675,7.983354,2.859722,8.521758,70.392258,96.018394

13.1053419,-0.973281,7.935497,2.840580,8.484591,70.440063,96.992348

13.1078568,-1.031007,7.937890,2.893521,8.511495,70.125900,97.400391

13.1103764,-1.042972,7.961818,2.938984,8.550788,69.896980,97.463058

13.1128912,-1.078864,8.000103,2.924628,8.585979,70.084839,97.680359

13.1154060,-1.129113,7.954640,2.924628,8.550125,69.997772,98.078819

13.1179218,-1.143470,7.961818,2.934199,8.561985,69.958496,98.172890

13.1204367,-1.148256,7.966604,2.946163,8.571181,69.895775,98.201767

13.1229525,-1.138685,7.995318,2.929413,8.590878,70.062729,98.105492

13.1254683,-1.155434,7.966604,2.919842,8.563135,70.063522,98.252335

13.1279831,-1.162613,7.968997,2.948556,8.576162,69.890930,98.300438

13.1304979,-1.167398,7.976175,2.893521,8.564734,70.254593,98.326729

13.1330128,-1.124328,7.985746,2.802294,8.537512,70.838432,98.014099

13.1355276,-1.141077,7.964211,2.756831,8.504753,71.085808,98.153595

13.1380434,-1.205683,8.000103,2.761616,8.548792,71.153023,98.570465

13.1405582,-1.210469,8.033603,2.677868,8.554237,71.757126,98.568626

13.1430740,-1.208076,8.102995,2.581856,8.589759,72.507935,98.479774

13.1455898,-1.210469,8.131709,2.553142,8.608627,72.747726,98.466759

13.1481047,-1.270290,8.189436,2.510071,8.659155,73.149536,98.817070

13.1506205,-1.289731,8.213364,2.490928,8.679140,73.321457,98.924187

13.1531353,-1.282553,8.270791,2.469393,8.726330,73.561752,98.814659

13.1556511,-1.299303,8.385647,2.455036,8.833712,73.864098,98.807579

13.1581659,-1.200898,8.423932,2.402394,8.841736,74.233910,98.113297

13.1606808,-1.224826,8.510373,2.342274,8.911392,74.761330,98.189857

13.1631975,-1.181755,8.594122,2.301596,8.975122,75.140968,97.829491

13.1657124,-1.148256,8.689835,2.251347,9.049877,75.595200,97.527328

13.1682281,-1.121935,8.812167,2.225026,9.157716,75.938255,97.255669

13.1707411,-1.105185,8.950952,2.179562,9.278548,76.414070,97.038757

13.1732559,-1.045364,9.020642,2.174777,9.337795,76.532104,96.610283

13.1757708,-0.954138,9.046964,2.078765,9.331623,77.128479,96.020447

13.1782866,-0.884746,9.145069,2.057229,9.415267,77.379097,95.525925

13.1808014,-0.812962,9.224032,2.018944,9.477331,77.700096,95.036758

13.1833162,-0.736092,9.233903,1.987837,9.474086,77.888290,94.557770

13.1858330,-0.647558,9.265009,1.937588,9.487570,78.215935,93.998062

13.1883478,-0.592523,9.334401,1.906481,9.545512,78.479095,93.632111

13.1908636,-0.539881,9.348758,1.916053,9.558347,78.436226,93.305099

13.1933784,-0.501595,9.360723,1.935195,9.571818,78.335747,93.067268

13.1958933,-0.398405,9.348758,1.899303,9.548055,78.526169,92.440231

13.1984091,-0.326620,9.320045,1.947159,9.526875,78.206444,92.007103

13.2009239,-0.281157,9.327223,2.016551,9.546865,77.805756,91.726585

13.2034397,-0.233300,9.355937,2.047658,9.580234,77.658516,91.428436

13.2059555,-0.130110,9.375079,2.179562,9.625982,76.913315,90.795113

13.2084703,-0.053539,9.387043,2.260918,9.655630,76.458153,90.326782

13.2109852,0.030209,9.391829,2.306382,9.670923,76.202789,89.815704

13.2135000,0.119043,9.382257,2.383251,9.680951,75.748451,89.273064

13.2160149,0.169292,9.382257,2.514857,9.714932,74.997269,88.966278

13.2185307,0.219541,9.410972,2.517249,9.744287,75.028961,88.663635

13.2210455,0.212363,9.458828,2.569891,9.804023,74.803741,88.713852

13.2235613,-0.043968,9.480363,2.493321,9.802850,75.265129,90.265724

13.2260771,-2.101796,9.736694,1.889732,10.138631,79.257858,102.181152

13.2285919,-0.870389,9.731909,2.637190,10.120395,74.895416,95.110741

13.2311087,1.022034,9.523733,3.377170,10.156344,70.578300,83.874779

13.2336235,1.146760,9.516555,2.994019,10.042112,72.653694,83.128899

13.2361393,0.914357,9.566804,2.869293,10.029588,73.376411,84.540482

13.2386541,0.734597,9.758230,2.886043,10.202546,73.568138,85.694908

13.2411699,0.739382,9.851849,2.941377,10.308119,73.420486,85.707993

13.2436857,0.945464,9.935597,3.025126,10.428873,73.137726,84.564148

13.2462006,1.264009,9.926026,3.108875,10.478016,72.740227,82.742851

13.2487154,1.029213,10.012168,3.053840,10.518019,73.121468,84.130829

13.2512321,0.646062,10.055538,3.046661,10.526793,73.176781,86.323837

13.2537470,0.361017,10.038788,3.130410,10.521742,72.691399,87.940407

13.2562637,0.288933,10.067502,3.164209,10.557002,72.558846,88.356087

13.2587786,0.241077,10.055538,3.139982,10.537147,72.662987,88.626625

13.2612934,0.142971,10.086645,3.135196,10.563631,72.735008,89.187927

13.2638092,0.131007,10.072288,3.178566,10.562737,72.486977,89.254814

13.2663240,0.092722,10.028918,3.159423,10.515216,72.514641,89.470291

13.2688398,0.114257,10.021739,3.173780,10.512906,72.428619,89.346802

13.2713556,0.109472,9.964312,3.228815,10.474957,72.046722,89.370552

13.2738714,0.046959,9.935597,3.207280,10.440543,72.109749,89.729202

13.2763872,0.063709,9.890134,3.293421,10.424272,71.582565,89.630928

13.2789021,0.054138,9.851849,3.350849,10.406250,71.215866,89.685150

13.2814178,0.034995,9.837492,3.461218,10.428686,70.616226,89.796181

13.2839327,-0.060718,9.842278,3.588037,10.476074,69.970840,90.353455

13.2864475,-0.024826,9.808778,3.659822,10.469338,69.538658,90.145012

13.2889633,0.049352,9.734302,3.789334,10.445962,68.730461,89.709518

13.2914762,-0.005683,9.679267,3.834797,10.411240,68.387192,90.033638

13.2939911,-0.113360,9.593125,3.892225,10.353275,67.917488,90.677017

13.2965078,-0.125324,9.545269,3.870690,10.300976,67.928734,90.752220

13.2990227,-0.022433,9.499506,3.856333,10.252435,67.905319,90.135300

13.3015375,-0.278764,9.454042,3.813262,10.197922,68.042091,91.688942

13.3040533,-0.570987,9.391829,3.777370,10.139083,68.126701,93.479080

13.3065681,-0.659522,9.300901,3.801298,10.069340,67.820335,94.056023

13.3090830,-0.704985,9.212068,3.841976,10.005997,67.420357,94.376228

13.3116007,-0.954138,9.063713,3.901796,9.913894,66.823273,96.009399

13.3141165,-1.243969,8.898309,3.925725,9.805033,66.398155,97.958275

13.3166313,-1.366302,8.730812,3.971487,9.688477,65.800278,98.894188

13.3191471,-1.586740,8.615657,4.098307,9.671784,64.929161,100.435196

13.3216619,-1.737488,8.445766,4.093521,9.544986,64.604378,101.624878

13.3241768,-1.749452,8.246863,4.136592,9.390567,63.863892,101.976913

13.3266926,-1.955534,8.107780,4.203591,9.339722,63.251392,103.560310

13.3292084,-2.187937,8.000103,4.254139,9.321289,62.845619,105.295715

13.3317060,-2.298007,7.959425,4.184449,9.281321,63.202007,106.104233

13.3342218,-2.405983,7.849056,4.261318,9.249609,62.567551,107.041954

13.3367367,-4.229015,8.000103,3.971487,9.882254,66.304192,117.861824

13.3392515,-5.898607,8.165507,3.430111,10.641181,71.195313,125.843628

13.3417664,-3.840780,8.304291,3.571288,9.821758,68.677948,114.820801

13.3442812,-1.239183,9.173783,3.420241,9.868734,69.722130,97.692879

13.3467960,0.349053,10.594522,3.013162,11.020204,74.132027,88.112984

13.3493109,1.225723,11.722737,2.764009,12.106391,76.802406,84.030869

13.3518438,1.970789,12.268899,2.610569,12.697439,78.135483,80.874367

13.3543596,2.444866,12.273685,2.519642,12.765943,78.616669,78.734383

13.3568745,2.090430,12.316755,2.280061,12.699253,79.656860,80.367409

13.3593903,1.422234,12.656836,1.849054,12.870013,81.739647,83.588631

13.3619051,0.990928,13.217354,1.743470,13.368622,82.506416,85.712456

13.3644209,0.605384,14.494224,1.638186,14.599064,83.557175,87.608299

13.3669357,0.605384,15.972390,1.108774,16.022268,86.031845,87.829422

13.3694515,0.974178,17.155642,0.581755,17.193125,88.060944,86.749969

13.3719683,1.297508,18.204893,0.021236,18.251085,89.933334,85.923279

13.3744831,1.606481,18.981066,-0.656830,19.060247,91.974846,85.162247

13.3769989,2.190928,19.211075,-1.229313,19.374643,93.637833,83.493813

13.3795137,2.500201,19.663618,-1.679762,19.892975,94.843819,82.753807

13.3820295,2.468795,19.596619,-1.907080,19.843370,95.515015,82.819664

13.3845453,2.543271,19.127028,-2.031806,19.402052,96.011101,82.425957

13.3870602,2.627020,17.608482,-2.309672,17.952562,97.391830,81.514595

13.3895760,2.986243,17.186749,-2.491826,17.621326,98.129425,80.143112

13.3920879,2.998207,18.391832,-2.580360,18.812416,97.883690,80.741180

13.3946028,4.114758,18.861126,-1.871187,19.395222,95.536324,77.693138

13.3971186,6.507879,19.069599,-0.882054,20.168791,92.506554,71.156776

13.3996334,7.537691,19.481764,-0.872483,20.907347,92.391701,68.848045

13.4021482,7.501798,19.960926,-0.879661,21.342196,92.362228,69.402565

13.4046640,7.022635,20.030319,-0.752543,21.239054,92.030533,70.679321

13.4071798,6.507879,19.646868,-0.383749,20.700222,91.062233,71.672928

13.4096947,5.614160,18.981066,-0.055334,19.794006,90.160172,73.523003

13.4122105,4.701597,17.917456,0.030808,18.524071,89.904709,75.296883

13.4147253,3.848855,16.532909,-0.069990,16.975149,90.236237,76.894981

13.4172401,3.070291,14.887245,-0.393320,15.205639,91.482224,78.346909

13.4197559,2.543271,13.222139,-0.393320,13.470260,91.673225,79.112167

13.4222708,2.119143,11.571691,-0.043370,11.764212,90.211227,79.622322

13.4247856,1.750350,10.208678,0.543470,10.371894,86.996422,80.270836

13.4273024,1.905883,9.106784,1.448854,9.416214,81.148849,78.179642

13.4298172,2.358725,8.230113,2.440679,8.902542,74.088318,74.007858

13.4323320,2.420938,7.516155,2.847758,8.394239,70.168724,72.146355

13.4348469,2.289333,6.962815,3.132803,7.970965,66.857033,71.799438

13.4373617,2.116751,6.464509,3.449254,7.626786,63.111530,71.869392

13.4398775,1.484447,5.956633,3.571288,7.102053,59.811077,76.006409

13.4423923,0.741775,5.475077,3.381956,6.477988,58.528870,82.284424

13.4449072,0.365803,5.226224,3.240779,6.160347,58.259640,85.996185

13.4474239,0.195613,5.168497,3.144767,6.053196,58.699825,87.832550

13.4499388,-0.008076,5.300401,2.915056,6.049122,61.190601,90.087296

13.4524536,-0.257228,5.539983,2.581856,6.117479,65.036194,92.658409

13.4549694,-0.475274,5.848956,2.179562,6.259925,69.624146,94.645531

13.4574842,-0.614058,6.308976,1.851447,6.603643,73.717865,95.559135

13.4599991,-0.642772,6.797411,1.448854,6.979766,78.019478,95.401901

13.4625149,-0.697807,7.319644,1.022633,7.423604,82.082092,95.445747

13.4650307,-0.647558,7.916355,0.689432,7.972661,85.039177,94.676384

13.4675455,-0.492024,8.512766,0.349352,8.534127,87.653893,93.307922

13.4700613,-0.288335,9.085249,-0.029013,9.089869,90.182877,91.817764

13.4725780,-0.053539,9.724730,-0.261416,9.728391,91.539803,90.315437

13.4750929,0.181256,10.388439,-0.520140,10.403031,92.865921,89.000412

13.4776087,0.351446,11.035100,-0.702293,11.063008,93.639656,88.175858

13.4801245,0.514158,11.650952,-0.853041,11.693448,94.183464,87.473167

13.4826393,0.684347,12.175280,-1.006481,12.235962,94.718254,86.782906

13.4851551,0.820738,12.625729,-1.169492,12.706311,95.280991,86.280708

13.4876699,0.976571,12.972987,-1.289133,13.073406,95.658981,85.695053

13.4901857,1.122533,13.251153,-1.401895,13.372302,96.017700,85.157913

13.4926996,1.311865,13.392329,-1.540679,13.544340,96.531578,84.405357

13.4952145,1.515554,13.519448,-1.598106,13.697676,96.699951,83.603745

13.4977303,1.623231,13.507185,-1.610071,13.699316,96.749535,83.147324

13.5002460,1.783849,13.397115,-1.650748,13.615791,96.963547,82.415581

13.5027609,2.016252,13.263117,-1.562214,13.506148,96.642090,81.356110

13.5052767,2.248655,12.961023,-1.440180,13.233242,96.247902,80.157516

13.5077915,2.430510,12.618550,-1.377668,12.924130,96.119156,79.097549

13.5103064,2.562414,12.237792,-1.274776,12.567998,95.821541,78.173958

13.5128231,2.686841,11.768201,-1.092623,12.120375,95.172096,77.139038

13.5153379,2.741876,11.329716,-0.999303,11.699528,94.899826,76.395561

13.5178547,2.806781,10.858031,-0.908375,11.251667,94.630669,75.506416

13.5203695,2.857030,10.381261,-0.829113,10.799103,94.403282,74.612549

13.5228844,2.912065,9.918848,-0.740579,10.363982,94.097672,73.638336

13.5254002,2.892923,9.511769,-0.625723,9.961641,93.601303,73.083313

13.5279150,2.900101,9.192925,-0.532104,9.654202,93.159531,72.491028

13.5304308,2.866601,8.862417,-0.450748,9.325397,92.770500,72.075890

13.5329447,2.780460,8.641978,-0.366999,9.085672,92.314987,72.165001

13.5354595,2.773281,8.443374,-0.282951,8.891665,91.823578,71.816895

13.5379763,2.761317,8.249256,-0.177667,8.700957,91.170021,71.492790

13.5404911,2.725126,8.076674,-0.129811,8.525011,90.872482,71.355247

13.5430059,2.682055,7.930712,-0.050548,8.372107,90.345940,71.315186

13.5455217,2.662913,7.820343,-0.043370,8.261401,90.300789,71.195724

13.5480366,2.619842,7.686345,-0.017049,8.120576,90.120293,71.178650

13.5505514,2.560021,7.540083,-0.052941,7.963000,90.380928,71.246544

13.5530663,2.528914,7.430013,-0.033799,7.848671,90.246735,71.203239

13.5555830,2.442474,7.314859,-0.105882,7.712590,90.786613,71.535538

13.5580978,2.346761,7.211967,-0.158524,7.585835,91.197418,71.975204

13.5606127,2.267798,7.128219,-0.225524,7.483667,91.726898,72.351860

13.5631285,2.176571,7.077670,-0.232702,7.408443,91.799980,72.905945

13.5656433,2.140679,7.111469,-0.208774,7.429608,91.610237,73.247269

13.5681581,2.095215,7.116254,-0.189631,7.420712,91.464317,73.594162

13.5706739,2.104787,7.106683,-0.177667,7.413949,91.373161,73.502289

13.5731945,2.097608,7.144969,-0.180060,7.448688,91.385170,73.638901

13.5757093,2.080858,7.219146,-0.180060,7.515215,91.372902,73.920815

13.5782251,2.013859,7.312466,-0.165703,7.586517,91.251541,74.602402

13.5807400,2.016252,7.410871,-0.175274,7.682252,91.307343,74.780106

13.5832558,2.001895,7.597511,-0.196810,7.859293,91.434929,75.238449

13.5857716,1.973181,7.729415,-0.187238,7.979496,91.344566,75.679276

13.5882874,1.961217,7.884949,-0.192024,8.127463,91.353828,76.032303

13.5908022,1.951646,8.047960,-0.259023,8.285269,91.791534,76.368797

13.5933228,2.004288,8.227720,-0.266202,8.472509,91.800499,76.309296

13.5958395,2.001895,8.373683,-0.280558,8.614224,91.866409,76.554672

13.5983543,1.997110,8.551051,-0.407677,8.790627,92.658119,76.854134

13.6008701,1.980360,8.793025,-0.453141,9.024658,92.878113,77.307655

13.6033850,1.929811,9.013464,-0.515354,9.232134,93.200012,77.915245

13.6059008,1.903490,9.214461,-0.500997,9.422344,93.047920,78.328224

13.6084166,1.910669,9.375079,-0.460319,9.578865,92.754448,78.480705

13.6109314,1.908276,9.559626,-0.433998,9.757885,92.549164,78.711098

13.6134462,1.922633,9.691231,-0.443570,9.890057,92.570580,78.778854

13.6159620,1.850848,9.811171,-0.450748,9.994392,92.584923,79.316872

13.6184769,1.881955,9.892527,-0.410070,10.078294,92.331917,79.228760

13.6209927,1.867598,9.935597,-0.429213,10.118708,92.431084,79.354309

13.6235075,1.869991,9.988240,-0.414856,10.170246,92.337807,79.395882

13.6260233,1.865205,10.024133,-0.405284,10.204238,92.276230,79.459435

13.6285391,1.898705,9.995419,-0.400499,10.182036,92.254242,79.244385

13.6310549,1.862812,9.928419,-0.390927,10.109223,92.216202,79.373466

13.6335697,1.855634,9.897313,-0.417248,10.078406,92.372734,79.380974

13.6360846,1.922633,9.839885,-0.390927,10.033577,92.232918,78.944168

13.6386003,1.934597,9.772886,-0.386142,9.970009,92.219643,78.802742

13.6411152,1.973181,9.691231,-0.371785,9.897051,92.152832,78.491608

13.6436310,2.023431,9.614660,-0.390927,9.833045,92.278481,78.115387

13.6461458,2.071287,9.547662,-0.393320,9.777667,92.305428,77.759819

13.6486626,2.076073,9.475577,-0.369392,9.707374,92.180786,77.641930

13.6511774,2.114358,9.422935,-0.299701,9.661886,91.777534,77.353203

13.6536894,2.169393,9.375079,-0.290130,9.627178,91.726959,76.971077

13.6562052,2.222334,9.351151,-0.247059,9.614771,91.472420,76.631454

13.6587200,2.255834,9.279366,-0.163310,9.551026,90.979729,76.336327

13.6612358,2.301297,9.255438,-0.172881,9.538815,91.038483,76.036972

13.6637506,2.334797,9.253045,-0.120239,9.543824,90.721870,75.838318

13.6662664,2.351547,9.209675,-0.055334,9.505311,90.333542,75.676460

13.6687813,2.346761,9.197711,-0.014656,9.492386,90.088463,75.686584

13.6712971,2.349154,9.166604,-0.031406,9.462882,90.190155,75.625984

13.6738138,2.339582,9.140284,-0.019442,9.434978,90.118065,75.642609

13.6763296,2.332404,9.097213,-0.017049,9.391468,90.104012,75.619873

13.6788445,2.310869,9.104391,-0.043370,9.393186,90.264542,75.757996

13.6813593,2.298904,9.085249,-0.000299,9.371591,90.001831,75.800102

13.6838751,2.265405,9.087642,0.014058,9.365762,89.914001,76.002365

13.6863899,2.251048,9.106784,0.002094,9.380871,89.987213,76.115730

13.6889067,2.241477,9.087642,0.016451,9.360006,89.899300,76.144493

13.6914215,2.243870,9.121140,0.009272,9.393095,89.943443,76.179253

13.6939373,2.260619,9.168997,0.047557,9.443684,89.711464,76.149933

13.6964521,2.224727,9.195318,0.021236,9.460642,89.871391,76.399147

13.6989679,2.234298,9.209675,-0.014656,9.476835,90.088608,76.363312

13.7014828,2.210370,9.293723,-0.038584,9.553037,90.231415,76.621628

13.7039976,2.193321,9.394221,-0.101097,9.647397,90.600426,76.858253

13.7065144,2.167000,9.403793,-0.129811,9.651117,90.770668,77.023354

13.7090302,2.181357,9.468399,-0.163310,9.717796,90.962914,77.026405

13.7115450,2.200500,9.535697,-0.158524,9.787586,90.928032,77.005646

13.7140598,2.224727,9.593125,-0.192024,9.849586,91.117088,76.943428

13.7165747,2.246262,9.650553,-0.249452,9.911664,91.442146,76.897133

13.7190905,2.263012,9.693624,-0.275773,9.958093,91.586914,76.859444

13.7216053,2.315654,9.700802,-0.292523,9.977644,91.680031,76.574310

13.7241220,2.356332,9.734302,-0.275773,10.019231,91.577225,76.392456

13.7266369,2.370689,9.799207,-0.285344,10.085933,91.621185,76.399940

13.7291527,2.370689,9.825528,-0.316451,10.112433,91.793266,76.435020

13.7316675,2.389832,9.880563,-0.299701,10.169888,91.688721,76.402893

13.7341785,2.375475,9.902099,-0.299701,10.187456,91.685806,76.509895

13.7366943,2.330011,9.947562,-0.323928,10.221931,91.815979,76.817299

13.7392092,2.339582,9.945169,-0.338285,10.222254,91.896439,76.761978

13.7417240,2.279762,9.947562,-0.323928,10.210594,91.818001,77.091980

13.7442398,2.284547,9.981061,-0.366999,10.245751,92.052757,77.107750

13.7467556,2.306083,9.964312,-0.323928,10.232812,91.814049,76.969215

13.7492714,2.284547,9.952348,-0.309272,10.215872,91.734818,77.071800

13.7517862,2.239084,10.000204,-0.290130,10.251915,91.621689,77.379410

13.7543001,2.183750,9.997811,-0.294915,10.237772,91.650726,77.678802

13.7568150,2.176571,9.947562,-0.268594,10.186442,91.510941,77.657936

13.7593307,2.100001,9.954741,-0.275773,10.177568,91.552681,78.087830

13.7618456,2.061716,10.019346,-0.314058,10.234090,91.758537,78.372353

13.7643604,2.028216,9.959526,-0.318844,10.168947,91.796783,78.489349

13.7668772,1.966003,9.921241,-0.263809,10.117598,91.494110,78.791420

13.7693920,1.922633,9.952348,-0.280558,10.140240,91.585449,79.066071

13.7719069,1.843670,9.942777,-0.247059,10.115284,91.399551,79.495071

13.7744236,1.774278,9.923634,-0.189631,10.082784,91.077652,79.863014

13.7769394,1.728814,9.926026,-0.151346,10.076591,90.860588,80.119911

13.7794542,1.726422,9.918848,-0.065204,10.068184,90.371063,80.126320

13.7819691,1.692922,9.914063,0.011665,10.057572,89.933548,80.309654

13.7844858,1.618445,9.959526,0.033200,10.090224,89.811478,80.769989

13.7870007,1.589732,9.973883,0.049950,10.099905,89.716637,80.943832

13.7895164,1.522732,9.985847,0.121735,10.102014,89.309540,81.329811

13.7920313,1.465305,9.985847,0.136092,10.093700,89.227463,81.652100

13.7945480,1.417448,9.959526,0.133699,10.060776,89.238564,81.900009

13.7970648,1.383650,9.952348,0.138485,10.049025,89.210388,82.085045

13.7995796,1.374078,9.935597,0.126520,10.030962,89.277306,82.126022

13.8020945,1.297508,9.930812,0.143270,10.016240,89.180428,82.556198

13.8046103,1.309472,9.914063,0.107378,10.000744,89.384804,82.475792

13.8071251,1.278365,9.885348,0.162413,9.968987,89.066505,82.631447

13.8096409,1.261616,9.861421,0.174377,9.943325,88.995148,82.709496

13.8121557,1.247259,9.847063,0.212961,9.928024,88.770882,82.781181

13.8146744,1.244866,9.806385,0.162413,9.886417,89.058708,82.765320

13.8171892,1.247259,9.772886,0.205484,9.854298,88.805168,82.726974

13.8197050,1.297508,9.775279,0.246461,9.864094,88.568275,82.439117

13.8222198,1.271187,9.674481,0.313460,9.762671,88.160034,82.514450

13.8247356,1.261616,9.631411,0.356531,9.720229,87.897964,82.537331

13.8272505,1.271187,9.576375,0.385244,9.668055,87.716324,82.438652

13.8297672,1.299901,9.521340,0.385244,9.617384,87.704285,82.225761

13.8322821,1.338186,9.468399,0.401994,9.570942,87.592781,81.955566

13.8347960,1.378864,9.425328,0.401994,9.534132,87.583481,81.677040

13.8373117,1.402792,9.370294,0.401994,9.483239,87.570503,81.485695

13.8398266,1.393221,9.353543,0.442672,9.467090,87.319923,81.528015

13.8423424,1.417448,9.269794,0.478565,9.389744,87.078552,81.306221

13.8448572,1.410270,9.224032,0.514756,9.345406,86.842484,81.307320

13.8473730,1.422234,9.180962,0.560220,9.307343,86.549217,81.194237

13.8498888,1.467698,9.130713,0.615255,9.268365,86.193779,80.868225

13.8524046,1.470090,9.066106,0.651147,9.207575,85.944740,80.789520

13.8549185,1.479662,8.989535,0.670289,9.135120,85.792137,80.653023

13.8574343,1.479662,8.929416,0.627219,9.072886,86.035919,80.591217

13.8599491,1.472483,8.898309,0.639183,9.041939,85.946327,80.603897

13.8624640,1.465305,8.876774,0.617647,9.018077,86.072739,80.626610

13.8649797,1.431805,8.867203,0.622433,9.003597,86.035889,80.827507

13.8674946,1.376471,8.843274,0.603290,8.970069,86.143608,81.152802

13.8700113,1.364507,8.680264,0.565005,8.805003,86.320877,81.066414

13.8725262,1.419841,8.625228,0.483649,8.754680,86.833099,80.652092

13.8750401,1.247259,8.857632,0.428315,8.955264,87.258591,81.984779

13.8775549,1.112962,9.066106,0.449851,9.145235,87.180504,83.001343

13.8800697,1.033998,9.068499,0.452243,9.138453,87.163391,83.495178

13.8825855,1.026820,9.094820,0.430708,9.162730,87.305733,83.558487

13.8851004,1.072284,9.168997,0.356531,9.238366,87.788269,83.329750

13.8876152,1.048355,9.216854,0.334995,9.282331,87.931770,83.510880

13.8901320,1.036391,9.262616,0.339781,9.326608,87.912178,83.615746

13.8926468,1.000499,9.370294,0.284746,9.427856,88.269257,83.905418

13.8951597,1.019642,9.456435,0.232104,9.514079,88.602081,83.845848

13.8976746,1.024427,9.521340,0.217747,9.578768,88.697426,83.859016

13.9001904,1.014856,9.597911,0.198305,9.653453,88.822922,83.964134

13.9027052,1.019642,9.693624,0.114556,9.747775,89.326645,83.995323

13.9052200,1.038784,9.794421,0.097807,9.849839,89.431053,83.945915

13.9077358,1.041177,9.806385,0.095414,9.861964,89.445656,83.939423

13.9102507,1.060320,9.847063,0.071486,9.904243,89.586456,83.854141

13.9127665,1.012463,9.969097,0.066700,10.020600,89.618622,84.200912

13.9152622,0.995713,10.021739,0.033200,10.071136,89.811119,84.325981

13.9177771,1.005285,10.021739,0.112164,10.072658,89.361969,84.271797

13.9202929,1.045963,10.021739,0.059521,10.076350,89.661552,84.041649

13.9228067,1.103390,9.969097,0.059521,10.030149,89.659988,83.684151

13.9253216,1.103390,9.957133,0.181555,10.019727,88.961754,83.676620

13.9278364,1.041177,9.976275,0.160020,10.031736,89.086014,84.041878

13.9303513,1.057927,10.060324,0.152842,10.116950,89.134369,83.996933

13.9328661,1.053141,10.079466,0.212961,10.136572,88.796173,84.035164

13.9354038,1.005285,10.077073,0.241675,10.129975,88.632942,84.303047

13.9379196,0.978964,10.045967,0.263211,10.096985,88.506233,84.434189

13.9404345,1.060320,9.959526,0.282353,10.019788,88.385216,83.923019

13.9429493,1.062712,9.933205,0.323031,9.995111,88.147942,83.893387

13.9454651,1.072284,9.885348,0.366102,9.950072,87.891388,83.809219

13.9479809,1.048355,9.832706,0.358923,9.894948,87.921234,83.914162

13.9504967,1.065105,9.792028,0.390030,9.857505,87.732399,83.792191

13.9530115,1.072284,9.792028,0.471386,9.861836,87.260277,83.750679

13.9555264,1.077069,9.746265,0.483649,9.817519,87.176247,83.693779

13.9580412,1.108176,9.758230,0.473779,9.832374,87.238098,83.521065

13.9605570,1.127319,9.775279,0.498006,9.852662,87.102730,83.421516

13.9630718,1.108176,9.751051,0.495613,9.826326,87.108932,83.516335

13.9655867,1.117747,9.741480,0.509970,9.818648,87.022781,83.454453

13.9681034,1.110569,9.763016,0.498006,9.838590,87.098579,83.510353

13.9706182,1.096212,9.734302,0.468993,9.807052,87.258957,83.574799

13.9731331,1.079462,9.748658,0.452243,9.818661,87.360046,83.681419

13.9756489,1.048355,9.787243,0.502792,9.856063,87.075874,83.886101

13.9781637,1.022034,9.799207,0.466600,9.863403,87.288544,84.045715

13.9806795,1.017249,9.765409,0.442672,9.828223,87.418472,84.053032

13.9831944,1.022034,9.813564,0.464208,9.877555,87.306320,84.054359

13.9857101,0.998106,9.813564,0.452243,9.874553,87.375000,84.192596

13.9882259,0.969392,9.784850,0.461815,9.843591,87.310966,84.342125

13.9907408,0.978964,9.765409,0.509970,9.827596,87.025490,84.275330

13.9932556,0.947857,9.772886,0.473779,9.830168,87.237480,84.460297

13.9957695,0.933500,9.777672,0.505185,9.835115,87.055687,84.546349

13.9982853,0.952643,9.729516,0.574577,9.792913,86.636368,84.407845

14.0008001,0.955035,9.712767,0.562612,9.775810,86.700722,84.384285

14.0033150,0.945464,9.739087,0.605683,9.803600,86.457916,84.455139

14.0058317,0.890429,9.667302,0.612862,9.727549,86.387817,84.737488

14.0083466,0.907179,9.674481,0.632004,9.737453,86.278633,84.643021

14.0108614,0.861416,9.703195,0.648754,9.762936,86.189850,84.926781

14.0133772,0.847059,9.679267,0.653540,9.738215,86.151939,84.998634

14.0158958,0.851845,9.629018,0.670289,9.689836,86.033424,84.944405

14.0184107,0.835095,9.588340,0.720539,9.651570,85.718597,85.022392

14.0209265,0.842274,9.562018,0.763909,9.629392,85.449890,84.966072

14.0234423,0.825524,9.554840,0.785444,9.622545,85.318001,85.061996

14.0259571,0.830309,9.533304,0.823729,9.604782,85.080132,85.022346

14.0284729,0.837488,9.458828,0.828515,9.531907,85.013550,84.940208

14.0309877,0.876072,9.425328,0.871586,9.505997,84.739281,84.689690

14.0335035,0.823131,9.468399,0.869193,9.543774,84.774582,85.031509

14.0360174,0.775275,9.557233,0.900300,9.630799,84.636086,85.362373

14.0385323,0.751346,9.569197,0.883550,9.639228,84.740776,85.510506

14.0410490,0.772882,9.566804,0.859622,9.636391,84.882080,85.381226

14.0435638,0.806381,9.494720,0.876371,9.569117,84.745300,85.145554

14.0460787,0.844666,9.477970,0.823729,9.551121,85.052422,84.907318

14.0485945,0.813560,9.530911,0.862014,9.604334,84.850624,85.121056

14.0511093,0.775275,9.614660,0.852443,9.683460,84.949669,85.389954

14.0536251,0.717847,9.676874,0.876371,9.742958,84.839317,85.757477

14.0561419,0.736989,9.650553,0.847657,9.715701,84.994804,85.632935

14.0586576,0.772882,9.700802,0.878764,9.771137,84.840149,85.444756

14.0611725,0.787239,9.605089,0.869193,9.676414,84.846405,85.314476

14.0636883,0.981356,9.125926,0.871586,9.219829,84.575508,83.862282

14.0662031,1.153939,9.712767,0.799801,9.813720,85.325310,83.224655

14.0687189,0.729811,10.244571,0.881157,10.308263,85.096336,85.925201

14.0712337,0.677169,10.227821,0.967299,10.295754,84.609039,86.212059

14.0737495,0.827917,10.136894,0.852443,10.206308,85.209007,85.330811

14.0762672,0.938286,10.101002,0.804587,10.176344,85.465210,84.693001

14.0787821,1.069891,10.077073,0.797408,10.165034,85.500740,83.939568

14.0812979,1.103390,10.086645,0.775873,10.176436,85.627403,83.757172

14.0838127,1.117747,10.077073,0.751945,10.166719,85.758453,83.670631

14.0863285,1.170689,10.093823,0.725324,10.187339,85.917168,83.384354

14.0888443,1.220938,10.074680,0.734896,10.174967,85.858154,83.090096

14.0913601,1.266401,10.060324,0.732503,10.166142,85.868080,82.825302

14.0938749,1.285544,10.112966,0.737288,10.220973,85.863380,82.755508

14.0963898,1.374078,10.093823,0.730110,10.213052,85.900543,82.247940

14.0989056,1.417448,10.096216,0.699003,10.219166,86.077835,82.008247

14.1014204,1.450948,10.096216,0.600898,10.217627,86.628494,81.821899

14.1039362,1.510768,10.069895,0.639183,10.202635,86.408134,81.467651

14.1064520,1.529911,10.069895,0.605683,10.203444,86.596886,81.361160

14.1089678,1.575375,10.086645,0.565005,10.224551,86.832237,81.123024

14.1114826,1.561018,10.074680,0.555434,10.210018,86.881523,81.192368

14.1139984,1.565803,10.045967,0.543470,10.181775,86.940285,81.140938

14.1165190,1.575375,10.028918,0.481256,10.163298,87.285896,81.072746

14.1190348,1.601696,10.016953,0.433101,10.153440,87.555275,80.915398

14.1215496,1.613660,9.985847,0.413958,10.123854,87.656555,80.820656

14.1240654,1.596910,9.976275,0.401994,10.111271,87.721489,80.905769

14.1265802,1.575375,9.928419,0.387637,10.060098,87.791725,80.983856

14.1290960,1.561018,9.887741,0.368495,10.016985,87.891785,81.028534

14.1316118,1.565803,9.827921,0.380459,9.959143,87.810654,80.947609

14.1341276,1.601696,9.847063,0.435494,9.985977,87.500511,80.761337

14.1366358,1.618445,9.799207,0.435494,9.941503,87.489319,80.621643

14.1391506,1.606481,9.734302,0.442672,9.875898,87.430946,80.628769

14.1416674,1.630409,9.707980,0.493221,9.856286,87.131653,80.466415

14.1441822,1.649552,9.662517,0.526720,9.816450,86.924210,80.312057

14.1466980,1.644766,9.619446,0.536291,9.773771,86.854576,80.297195

14.1492128,1.668695,9.571589,0.572184,9.732793,86.629677,80.110542

14.1517277,1.709672,9.514162,0.591326,9.684624,86.499443,79.812813

14.1542435,1.695315,9.485149,0.605683,9.654481,86.403130,79.866325

14.1567478,1.692922,9.415757,0.636790,9.587908,86.191841,79.807312

14.1592627,1.661516,9.379865,0.675075,9.549776,85.946373,79.955025

14.1617775,1.618445,9.339187,0.703789,9.504477,85.753464,80.168503

14.1642923,1.587339,9.355937,0.783051,9.521889,85.282845,80.370827

14.1668072,1.534697,9.343972,0.852443,9.507459,84.855927,80.672760

14.1693220,1.470090,9.320045,0.895514,9.477675,84.578224,81.036346

14.1718369,1.398007,9.291330,0.876371,9.436698,84.671356,81.443260

14.1743517,1.350150,9.291330,0.869193,9.429063,84.710831,81.732056

14.1768799,1.247259,9.260223,0.931406,9.390150,84.307487,82.329002

14.1793966,1.189831,9.296116,0.976870,9.422725,84.049355,82.706238

14.1819115,1.141975,9.267402,1.025025,9.393589,83.735428,82.975151

14.1844273,1.072284,9.286545,1.048954,9.406913,83.597702,83.413429

14.1869421,1.017249,9.348758,1.084846,9.466307,83.419403,83.790016

14.1894569,0.943071,9.387043,1.132702,9.502051,83.153717,84.263016

14.1919727,0.904786,9.403793,1.142274,9.516026,83.105774,84.504204

14.1944876,0.835095,9.485149,1.149452,9.590969,83.116707,84.968513

14.1970053,0.765703,9.535697,1.168595,9.637502,83.035469,85.409081

14.1995201,0.717847,9.569197,1.209273,9.671979,82.817596,85.709915

14.2020359,0.729811,9.633803,1.223630,9.738586,82.781845,85.667824

14.2045507,0.660419,9.619446,1.228415,9.720025,82.739555,86.072548

14.2070665,0.585942,9.688838,1.204487,9.780987,82.926308,86.539192

14.2095814,0.528515,9.751051,1.230808,9.842622,82.816422,86.897560

14.2120981,0.487837,9.787243,1.214058,9.874312,82.937546,87.146500

14.2146130,0.475873,9.806385,1.228415,9.894475,82.868233,87.221794

14.2171326,0.418445,9.854242,1.245165,9.941410,82.804787,87.568489

14.2196484,0.413659,9.890134,1.283749,9.981677,82.610687,87.604973

14.2221642,0.413659,9.945169,1.209273,10.026957,83.073143,87.618210

14.2246799,0.447159,9.942777,1.216451,10.026890,83.031776,87.424957

14.2271957,0.518943,9.868599,1.259522,9.962175,82.736633,86.989853

14.2297106,0.566800,9.866206,1.240379,9.960011,82.846039,86.712051

14.2322264,0.504586,10.072288,1.180559,10.153783,83.323242,87.132080

14.2347422,0.322433,10.196714,1.151845,10.266630,83.558250,88.188843

14.2372522,0.238684,10.206285,1.154238,10.274118,83.549530,88.660324

14.2397680,0.260219,10.170394,1.135095,10.236849,83.633766,88.534355

14.2422829,0.361017,10.074680,1.101596,10.141155,83.763870,87.947739

14.2447987,0.442373,10.012168,1.082453,10.080224,83.835472,87.470116

14.2473145,0.432802,10.038788,1.048954,10.102716,84.040306,87.531342

14.2498293,0.490230,10.045967,1.053739,10.112969,84.019104,87.206261

14.2523451,0.483051,10.024133,1.032204,10.088708,84.127632,87.241119

14.2548599,0.466301,10.019346,0.984048,10.078347,84.396721,87.335373

14.2573748,0.490230,9.971490,1.027418,10.036261,84.124298,87.185425

14.2598896,0.526122,9.954741,1.025025,10.021194,84.129189,86.974655

14.2624044,0.588335,9.971490,0.984048,10.037186,84.373672,86.623367

14.2649202,0.629312,9.942777,0.960120,10.008830,84.495308,86.378387

14.2674360,0.667598,9.928419,0.943370,9.995456,84.584366,86.153160

14.2699518,0.705883,9.942777,0.945763,10.012569,84.579895,85.939125

14.2724667,0.715454,9.947562,0.897907,10.013596,84.855446,85.886223

14.2749825,0.765703,9.930812,0.881157,9.999188,84.944374,85.591003

14.2774992,0.794417,9.954741,0.890728,10.026033,84.903038,85.437302

14.2800140,0.827917,9.969097,0.859622,10.040284,85.088478,85.252579

14.2825308,0.888036,9.985847,0.866800,10.062658,85.058403,84.918083

14.2850456,0.890429,9.942777,0.840479,10.017888,85.187355,84.882507

14.2875614,0.921536,9.966704,0.864407,10.046474,85.064117,84.717369

14.2900763,0.952643,9.959526,0.902692,10.045623,84.844490,84.536201

14.2925920,0.993321,9.966704,0.871586,10.053932,85.026726,84.308472

14.2951069,1.050748,9.935597,0.881157,10.029786,84.959839,83.963074

14.2976227,1.122533,9.904491,0.931406,10.011321,84.661751,83.533928

14.3001394,1.175474,9.880563,0.957727,9.996224,84.502121,83.215508

14.3026543,1.213759,9.842278,0.957727,9.962976,84.483719,82.969727

14.3051701,1.271187,9.813564,0.931406,9.939289,84.622948,82.619362

14.3076849,1.304687,9.830314,0.936192,9.960609,84.606842,82.439842

14.3102007,1.321436,9.787243,0.902692,9.917215,84.777550,82.310638

14.3127165,1.342972,9.736694,0.905085,9.870460,84.738792,82.146805

14.3152323,1.374078,9.719945,0.929013,9.860451,84.593796,81.953590

14.3177509,1.393221,9.660124,0.907478,9.802172,84.687988,81.793167

14.3202667,1.309472,9.650553,0.950549,9.785266,84.425453,82.272797

14.3227816,1.297508,9.602696,0.955334,9.736938,84.369400,82.304848

14.3252974,1.333400,9.583553,0.998405,9.727243,84.108780,82.079048

14.3278141,1.342972,9.573982,1.007977,9.720119,84.047729,82.015045

14.3303289,1.340579,9.583553,1.022633,9.730746,83.967476,82.036949

14.3328447,1.309472,9.514162,1.027418,9.658653,83.893730,82.163391

14.3353596,1.331008,9.487542,1.046561,9.637444,83.765778,82.014091

14.3378706,1.304687,9.502198,1.099203,9.654130,83.462219,82.181961

14.3403864,1.307079,9.509377,1.111167,9.662888,83.396767,82.173645

14.3429012,1.275973,9.489935,1.087239,9.636860,83.522049,82.342201

14.3454170,1.237687,9.485149,1.144667,9.633804,83.176125,82.565659

14.3479319,1.228116,9.494720,1.159024,9.643720,83.097260,82.629868

14.3504486,1.182653,9.521340,1.209273,9.670415,82.816429,82.919518

14.3529634,1.204188,9.509377,1.211666,9.661596,82.795540,82.782951

14.3554792,1.230509,9.554840,1.218844,9.710546,82.789352,82.661621

14.3579969,1.151546,9.609875,1.240379,9.757781,82.696976,83.166862

14.3605127,1.132104,9.645767,1.269093,9.794543,82.555168,83.305939

14.3630295,1.163510,9.655338,1.218844,9.801270,82.856445,83.128746

14.3655443,1.132104,9.667302,1.226022,9.810276,82.820786,83.320709

14.3680601,1.077069,9.710373,1.218844,9.845659,82.888824,83.670654

14.3705750,1.079462,9.803992,1.218844,9.938264,82.955421,83.716797

14.3730907,1.067498,9.825528,1.190130,9.954745,83.133636,83.799400

14.3756056,1.079462,9.856635,1.194916,9.987308,83.128479,83.750084

14.3781185,1.019642,9.942777,1.187737,10.065247,83.223091,84.144730

14.3806343,1.033998,9.916455,1.170988,10.038747,83.301384,84.047226

14.3831501,1.010070,9.942777,1.168595,10.062041,83.330681,84.199318

14.3856659,1.000499,9.981061,1.161416,10.098092,83.395599,84.275810

14.3881807,1.012463,9.973883,1.120738,10.087590,83.621231,84.203682

14.3906965,1.062712,9.964312,1.103989,10.081450,83.713104,83.912308

14.3932114,1.074677,9.969097,1.111167,10.088237,83.676338,83.847229

14.3957272,1.096212,9.961919,1.103989,10.082673,83.713875,83.720421

14.3982439,1.180260,9.935597,1.159024,10.072360,83.392357,83.225525

14.4007587,1.180260,9.909277,1.077667,10.037338,83.836510,83.207695

14.4032736,1.240080,9.892527,1.070489,10.027254,83.871544,82.854942

14.4057894,1.244866,9.839885,1.051346,9.973884,83.949211,82.789688

14.4083052,1.273580,9.847063,1.048954,9.984336,83.969383,82.630501

14.4108200,1.295115,9.823135,1.053739,9.964019,83.929367,82.489250

14.4133358,1.342972,9.743873,1.036990,9.890499,83.981644,82.152519

14.4158506,1.354936,9.736694,1.032204,9.884560,84.005913,82.077728

14.4183693,1.369293,9.703195,1.034597,9.853798,83.973137,81.967590

14.4208851,1.388435,9.696016,1.063311,9.852468,83.804382,81.850845

14.4233999,1.438984,9.655338,1.084846,9.822073,83.658752,81.523315

14.4259157,1.415056,9.595518,1.089632,9.760309,83.590195,81.611031

14.4284315,1.405484,9.585947,1.108774,9.751674,83.471298,81.658768

14.4309473,1.398007,9.542876,1.130310,9.710742,83.315742,81.665604

14.4334631,1.405484,9.509377,1.175773,9.684321,83.026520,81.592560

14.4359779,1.400399,9.492328,1.166202,9.665683,83.070160,81.607712

14.4384899,1.378864,9.492328,1.190130,9.665504,82.927124,81.734970

14.4410048,1.347757,9.492328,1.175773,9.659357,83.008400,81.918938

14.4435205,1.321436,9.499506,1.161416,9.661040,83.095406,82.080643

14.4460354,1.311865,9.564411,1.185344,9.726459,83.000076,82.189980

14.4485512,1.259223,9.557233,1.175773,9.711271,83.045967,82.494171

14.4510660,1.177867,9.595518,1.199701,9.741694,82.925995,83.001854

14.4535828,1.129711,9.638589,1.209273,9.779621,82.897064,83.315025

14.4560976,1.067498,9.633803,1.218844,9.769099,82.832802,83.676987

14.4586134,1.005285,9.595518,1.245165,9.728052,82.646118,84.019165

14.4611282,0.921536,9.619446,1.245165,9.743378,82.657745,84.527809

14.4636440,0.799203,9.590733,1.269093,9.707290,82.487869,85.236504

14.4661589,0.717847,9.581161,1.298106,9.695310,82.305550,85.715248

14.4686756,0.646062,9.581161,1.310070,9.691869,82.231430,86.142357

14.4711905,0.581157,9.571589,1.314856,9.678942,82.192390,86.525444

14.4737062,0.523729,9.576375,1.350748,9.685338,81.983215,86.869629

14.4762211,0.466301,9.554840,1.374677,9.664478,81.822510,87.206032

14.4787369,0.416052,9.528519,1.379462,9.636840,81.770142,87.499832

14.4812517,0.363410,9.511769,1.398605,9.620911,81.641212,87.812004

14.4837675,0.291326,9.492328,1.400998,9.599581,81.608070,88.242104

14.4862833,0.257827,9.477970,1.456033,9.592624,81.269516,88.441780

14.4887991,0.231506,9.458828,1.489532,9.578190,81.053459,88.597961

14.4913139,0.200399,9.446864,1.515853,9.569807,80.885986,88.784752

14.4938297,0.109472,9.413364,1.520639,9.536024,80.824295,89.333717

14.4963446,0.058923,9.379865,1.523032,9.502892,80.777412,89.640076

14.4988604,0.011067,9.384650,1.575973,9.516064,80.467224,89.932434

14.5013752,-0.005683,9.336794,1.597508,9.472475,80.290817,90.034874

14.5038919,-0.043968,9.324830,1.628615,9.466085,80.093124,90.270157

14.5064068,-0.053539,9.300901,1.640579,9.444635,79.996704,90.329811

14.5089226,-0.027218,9.286545,1.657329,9.433313,79.881248,90.167931

14.5114374,-0.051147,9.293723,1.712364,9.450296,79.560524,90.315315

14.5139532,-0.005683,9.336794,1.695614,9.489513,79.706947,90.034874

14.5164680,0.030209,9.346365,1.638186,9.488894,80.058502,89.814812

14.5189886,0.092722,9.343972,1.614258,9.482840,80.198845,89.431465

14.5215044,0.104686,9.408579,1.628615,9.549068,80.180069,89.362518

14.5240202,0.140578,9.449257,1.599901,9.584774,80.391144,89.147659

14.5265350,0.200399,9.518948,1.571187,9.649827,80.629372,88.793953

14.5290508,0.248255,9.588340,1.549353,9.715883,80.824097,88.516861

14.5315666,0.284148,9.660124,1.456033,9.773371,81.432205,88.315163

14.5340824,0.363410,9.753445,1.381855,9.857549,81.941597,87.866165

14.5365982,0.423230,9.799207,1.324427,9.897357,82.309822,87.526917

14.5391073,0.478265,9.866206,1.305285,9.963660,82.472359,87.224754

14.5416231,0.516551,9.928419,1.293321,10.025618,82.588097,87.021729

14.5441380,0.547657,9.933205,1.281057,10.030433,82.662308,86.844246

14.5466537,0.559621,9.976275,1.216451,10.065734,83.058800,86.789345

14.5491686,0.542872,10.031311,1.185344,10.115679,83.270683,86.902306

14.5516834,0.600299,10.028918,1.235594,10.122561,82.988800,86.574539

14.5541992,0.588335,10.062716,1.175773,10.148244,83.346779,86.653908

14.5567150,0.610170,10.132109,1.190130,10.219997,83.312668,86.553726

14.5592308,0.631705,10.115358,1.199701,10.205822,83.249229,86.426514

14.5617456,0.653241,10.122537,1.206880,10.215137,83.214874,86.307632

14.5642614,0.643669,10.089038,1.269093,10.188895,82.844856,86.349541

14.5667763,0.626920,10.050753,1.298106,10.153607,82.654816,86.430779

14.5692921,0.619741,10.081859,1.245165,10.177347,82.972443,86.482399

14.5718069,0.619741,9.971490,1.252344,10.068915,82.855209,86.443565

14.5743237,0.617348,9.940384,1.286142,10.042236,82.641731,86.446205

14.5768385,0.573978,9.923634,1.298106,10.024621,82.559776,86.689728

14.5793533,0.550050,9.863813,1.355534,9.971702,82.187134,86.808235

14.5818691,0.518943,9.827921,1.374677,9.937156,82.048370,86.977417

14.5843840,0.475873,9.823135,1.408176,9.934958,81.851486,87.226524

14.5868998,0.439980,9.777672,1.456033,9.895276,81.538536,87.423515

14.5894146,0.392124,9.760623,1.515853,9.885410,81.179321,87.699432

14.5919313,0.341875,9.724730,1.537389,9.851438,81.021881,87.986588

14.5944462,0.284148,9.664909,1.542174,9.791298,80.937920,88.315994

14.5969620,0.267398,9.640982,1.597508,9.776096,80.595139,88.411278

14.5994759,0.200399,9.612267,1.633401,9.752120,80.357979,88.805656

14.6019907,0.135793,9.511769,1.678864,9.659751,79.991173,89.182083

14.6045055,0.054138,9.468399,1.688435,9.617917,79.889275,89.672401

14.6070213,-0.008076,9.485149,1.693221,9.635098,79.878586,90.048782

14.6095362,-0.036790,9.406186,1.765006,9.570419,79.372505,90.224098

14.6120529,-0.084646,9.360723,1.753042,9.523835,79.393150,90.518097

14.6145678,-0.113360,9.353543,1.774577,9.521069,79.258156,90.694359

14.6170826,-0.185145,9.315259,1.796113,9.488643,79.088600,91.138626

14.6196079,-0.216550,9.339187,1.808077,9.515064,79.045898,91.328293

14.6221237,-0.388834,9.343972,1.844268,9.532173,78.844162,92.382889

14.6246386,-0.460618,9.324830,1.851447,9.518008,78.783295,92.827942

14.6271544,-0.125324,9.391829,1.805684,9.564656,79.117989,90.764503

14.6296701,-0.118146,9.456435,1.808077,9.628461,79.176476,90.715797

14.6321850,-0.182752,9.545269,1.765006,9.708800,79.525703,91.096840

14.6347017,-0.163609,9.650553,1.767399,9.812423,79.623337,90.971260

14.6372175,-0.156431,9.739087,1.769791,9.899820,79.701874,90.920212

14.6397219,-0.063111,9.890134,1.729113,10.040347,80.083282,90.365608

14.6422377,-0.063111,10.000204,1.621436,10.130998,80.790375,90.361588

14.6447535,-0.041575,10.160822,1.539781,10.276914,81.382973,90.234436

14.6472683,-0.051147,10.278070,1.484746,10.384885,81.780144,90.285118

14.6497841,-0.937388,10.455439,1.302892,10.577922,82.924858,95.123184

14.6522989,-2.836990,10.596914,0.792623,10.998698,85.867393,104.987671

14.6548138,0.147757,10.479366,1.693221,10.616305,80.822556,89.192192

14.6573296,1.575375,10.635200,1.980659,10.932167,79.561668,81.574142

14.6598444,1.185045,10.654342,1.400998,10.811204,82.554237,83.653275

14.6623611,0.871287,10.599307,1.120738,10.693947,83.984291,85.300728

14.6648760,0.950250,10.572986,1.123131,10.674850,83.960571,84.864326

14.6673908,0.593121,10.637592,1.020240,10.702852,84.530029,86.808662

14.6699066,0.487837,10.601700,1.068096,10.666530,84.253036,87.365395

14.6724215,0.416052,10.488938,1.099203,10.554581,84.022110,87.728508

14.6749372,0.365803,10.412368,1.149452,10.482006,83.704308,87.987938

14.6774521,0.456730,10.270892,1.197309,10.350526,83.357376,87.453827

14.6799669,0.542872,10.132109,1.314856,10.231480,82.616455,86.933060

14.6824827,0.547657,10.050753,1.319642,10.151798,82.530930,86.881081

14.6849985,0.581157,9.916455,1.405783,10.032450,81.945000,86.646004

14.6875134,0.569193,9.758230,1.463211,9.883725,81.486496,86.661751

14.6900291,0.538086,9.693624,1.479961,9.820701,81.332619,86.822815

14.6925440,0.506979,9.629018,1.537389,9.764148,80.940941,86.986092

14.6950588,0.461516,9.518948,1.580758,9.660339,80.582123,87.224251

14.6975746,0.408874,9.461221,1.621436,9.607858,80.284180,87.525459

14.7000914,0.404088,9.396614,1.671686,9.552705,79.921570,87.537598

14.7026062,0.361017,9.358330,1.652543,9.509972,79.992943,87.790794

14.7051220,0.368196,9.348758,1.635793,9.497929,80.082710,87.744606

14.7076368,0.384945,9.255438,1.642972,9.408011,79.942558,87.618370

14.7101526,0.375374,9.308080,1.631008,9.457349,80.069160,87.690643

14.7126675,0.380160,9.279366,1.592723,9.422735,80.268585,87.653999

14.7151823,0.384945,9.291330,1.573580,9.431499,80.395683,87.627556

14.7176991,0.406481,9.272188,1.554437,9.410365,80.492104,87.489838

14.7202196,0.411266,9.327223,1.501496,9.456253,80.863708,87.475288

14.7227345,0.432802,9.353543,1.511068,9.484694,80.832779,87.350731

14.7252502,0.456730,9.372686,1.482354,9.500170,81.023201,87.210190

14.7277660,0.483051,9.425328,1.393819,9.540068,81.598923,87.066139

14.7302818,0.523729,9.461221,1.396212,9.578016,81.617981,86.831604

14.7327976,0.521336,9.463614,1.374677,9.577134,81.747414,86.846848

14.7353125,0.569193,9.502198,1.322034,9.610595,82.093315,86.572014

14.7378283,0.631705,9.552447,1.329213,9.665149,82.095268,86.216530

14.7403402,0.646062,9.545269,1.362713,9.663671,81.893478,86.127899

14.7428560,0.679562,9.569197,1.326820,9.684616,82.125549,85.937927

14.7453709,0.722632,9.617053,1.329213,9.735333,82.152611,85.702827

14.7478876,0.732204,9.624231,1.295713,9.738626,82.354187,85.649361

14.7504025,0.765703,9.676874,1.264308,9.789109,82.579262,85.475777

14.7529182,0.780060,9.743873,1.273879,9.857703,82.575089,85.422859

14.7554331,0.744168,9.765409,1.257129,9.874076,82.685471,85.642227

14.7579489,0.765703,9.796814,1.252344,9.906172,82.737206,85.530937

14.7604685,0.715454,9.801600,1.252344,9.907148,82.737923,85.825180

14.7629833,0.715454,9.803992,1.249951,9.909213,82.753387,85.826195

14.7654991,0.748953,9.827921,1.249951,9.935358,82.772560,85.642097

14.7680140,0.708275,9.861421,1.233201,9.963436,82.890114,85.891907

14.7705297,0.703490,9.842278,1.240379,9.945043,82.835220,85.911659

14.7730455,0.672383,9.832706,1.204487,9.928998,83.032288,86.088074

14.7755604,0.655633,9.832706,1.147059,9.921074,83.360703,86.185234

14.7780771,0.638884,9.801600,1.151845,9.889705,83.311630,86.270645

14.7805824,0.655633,9.806385,1.103989,9.890087,83.590958,86.175026

14.7830982,0.648455,9.760623,1.135095,9.847776,83.381142,86.199097

14.7856131,0.638884,9.751051,1.106381,9.834391,83.540474,86.251366

14.7881279,0.588335,9.777672,1.113560,9.858449,83.514320,86.556587

14.7906446,0.617348,9.751051,1.077667,9.829826,83.705872,86.377388

14.7931595,0.624527,9.669696,1.106381,9.752801,83.486206,86.304626

14.7956743,0.653241,9.691231,1.123131,9.777939,83.404228,86.143791

14.7981901,0.648455,9.674481,1.099203,9.758295,83.532310,86.165352

14.8007107,0.622134,9.617053,1.130310,9.703214,83.310532,86.298653

14.8032265,0.622134,9.578768,1.115953,9.663602,83.368690,86.283897

14.8057413,0.662812,9.559626,1.123131,9.648170,83.315117,86.033775

14.8082571,0.662812,9.523733,1.063311,9.605803,83.644646,86.018875

14.8107719,0.641276,9.511769,1.060918,9.592213,83.649979,86.142998

14.8132877,0.610170,9.492328,1.070489,9.571966,83.578842,86.322067

14.8158026,0.662812,9.463614,1.099203,9.550264,83.390800,85.993668

14.8183193,0.658026,9.449257,1.137488,9.540195,83.152267,86.016472

14.8208303,0.658026,9.511769,1.089632,9.596564,83.480354,86.042572

14.8233461,0.634098,9.528519,1.111167,9.614023,83.363052,86.192726

14.8258619,0.655633,9.494720,1.175773,9.589683,82.957352,86.049858

14.8283768,0.684347,9.547662,1.175773,9.644097,82.997284,85.900223

14.8308926,0.701097,9.518948,1.182952,9.617759,82.934921,85.787613

14.8334074,0.748953,9.538090,1.144667,9.635681,83.177460,85.510208

14.8359222,0.801596,9.516555,1.151845,9.619466,83.122841,85.185242

14.8384380,0.780060,9.547662,1.151845,9.648476,83.143616,85.329208

14.8409586,0.780060,9.557233,1.190130,9.662588,82.924980,85.333870

14.8434744,0.753739,9.607482,1.202094,9.711687,82.889801,85.514145

14.8459892,0.775275,9.648160,1.247558,9.759326,82.655647,85.405891

14.8485050,0.796810,9.638589,1.259522,9.753138,82.580093,85.274178

14.8510208,0.772882,9.638589,1.209273,9.744849,82.871590,85.415482

14.8535366,0.770489,9.657731,1.245165,9.768104,82.676437,85.438629

14.8560514,0.782453,9.640982,1.235594,9.751280,82.720428,85.360100

14.8585672,0.775275,9.669696,1.206880,9.775512,82.908195,85.416077

14.8610783,0.789631,9.662517,1.230808,9.772545,82.764641,85.328110

14.8635941,0.770489,9.667302,1.247558,9.777872,82.669655,85.443130

14.8661089,0.732204,9.652946,1.254736,9.761652,82.614922,85.662254

14.8686237,0.729811,9.633803,1.276272,9.745340,82.474800,85.667824

14.8711395,0.736989,9.705587,1.230808,9.811038,82.793175,85.657608

14.8736553,0.725025,9.676874,1.233201,9.782042,82.757576,85.715202

14.8761711,0.681954,9.662517,1.252344,9.767173,82.633278,85.962914

14.8786860,0.689133,9.669696,1.218844,9.770543,82.833862,85.923576

14.8812017,0.650848,9.684052,1.199701,9.779762,82.953674,86.155037

14.8837175,0.617348,9.705587,1.206880,9.799801,82.925865,86.360458

14.8862324,0.602991,9.734302,1.216451,9.828529,82.890419,86.455345

14.8887472,0.617348,9.731909,1.228415,9.828539,82.820137,86.370277

14.8912640,0.600299,9.746265,1.271486,9.847169,82.581139,86.475449

14.8937788,0.557229,9.717552,1.278665,9.817143,82.516068,86.718109

14.8962946,0.576371,9.700802,1.266701,9.800117,82.573540,86.599777

14.8988094,0.566800,9.700802,1.259522,9.798634,82.614731,86.656113

14.9013224,0.533300,9.672089,1.266701,9.769250,82.549942,86.844017

14.9038372,0.571586,9.696016,1.269093,9.795409,82.555832,86.626289

14.9063520,0.528515,9.676874,1.288535,9.776582,82.426491,86.873825

14.9088678,0.499801,9.657731,1.264308,9.752951,82.551598,87.037506

14.9113827,0.511765,9.662517,1.281057,9.760493,82.458214,86.968224

14.9138985,0.478265,9.669696,1.312463,9.770072,82.279831,87.168442

14.9164143,0.475873,9.667302,1.384248,9.777492,81.861008,87.181892

14.9189291,0.466301,9.681660,1.396212,9.792925,81.803207,87.242577

14.9214449,0.485444,9.669696,1.372284,9.778642,81.932777,87.126015

14.9239607,0.468694,9.655338,1.393819,9.766676,81.795204,87.220901

14.9264755,0.463908,9.640982,1.439283,9.758856,81.518806,87.245148

14.9289923,0.468694,9.648160,1.456033,9.768659,81.428040,87.218834

14.9315071,0.466301,9.662517,1.446461,9.781304,81.495895,87.237122

14.9340219,0.456730,9.605089,1.415355,9.719545,81.626846,87.277588

14.9365377,0.449552,9.631411,1.444068,9.749435,81.482117,87.327629

14.9390526,0.408874,9.640982,1.415355,9.752893,81.655685,87.571541

14.9415674,0.389731,9.662517,1.408176,9.772364,81.714958,87.690269

14.9440823,0.384945,9.698409,1.424926,9.810083,81.648178,87.727036

14.9465971,0.394517,9.710373,1.434497,9.823684,81.603401,87.673447

14.9491138,0.375374,9.719945,1.391426,9.826205,81.859344,87.788399

14.9516287,0.387338,9.770494,1.355534,9.871678,82.107468,87.729774

14.9541445,0.380160,9.780065,1.357927,9.881202,82.101112,87.773987

14.9566593,0.425623,9.784850,1.350748,9.886807,82.147621,87.509308

14.9591742,0.404088,9.794421,1.353141,9.895704,82.140739,87.637489

14.9616880,0.401695,9.792028,1.350748,9.892912,82.152496,87.650894

14.9642038,0.432802,9.803992,1.365105,9.908031,82.080734,87.472290

14.9667187,0.442373,9.832706,1.398605,9.941525,81.912621,87.424004

14.9692345,0.456730,9.830314,1.343570,9.932213,82.225540,87.339874

14.9717503,0.504586,9.806385,1.338784,9.910204,82.236092,87.054451

14.9742651,0.542872,9.818350,1.372284,9.928638,82.055450,86.835251

14.9767799,0.518943,9.818350,1.338784,9.922784,82.245995,86.974480

14.9792957,0.533300,9.820743,1.379462,9.931480,82.015923,86.891693

14.9817953,0.552443,9.818350,1.405783,9.933852,81.864510,86.779572

14.9843102,0.583550,9.811171,1.436890,9.932988,81.682503,86.596169

14.9868250,0.597907,9.782457,1.398605,9.900002,81.878471,86.502419

14.9893398,0.610170,9.792028,1.408176,9.911564,81.832115,86.434341

14.9918556,0.634098,9.803992,1.408176,9.924883,81.843155,86.299408

14.9943705,0.665205,9.787243,1.410569,9.910718,81.817444,86.111786

14.9968853,0.672383,9.736694,1.353141,9.853239,82.106651,86.049622

14.9994001,0.674776,9.729516,1.343570,9.844998,82.156235,86.032692

15.0019331,0.617348,9.710373,1.381855,9.827614,81.916885,86.362251

15.0044479,0.617348,9.719945,1.333999,9.830462,82.200874,86.365822

15.0069637,0.564407,9.688838,1.307678,9.792965,82.326241,86.666100

15.0094795,0.595514,9.650553,1.300499,9.755978,82.339508,86.468887

15.0119944,0.571586,9.614660,1.288535,9.717444,82.380127,86.597809

15.0145102,0.573978,9.643374,1.288535,9.745996,82.402580,86.593750

15.0170250,0.593121,9.621839,1.300499,9.727428,82.316895,86.472565

15.0195398,0.593121,9.590733,1.281057,9.694073,82.406235,86.461159

15.0220566,0.538086,9.593125,1.336391,9.700698,82.081612,86.789597

15.0245733,0.535693,9.624231,1.357927,9.734308,81.981140,86.814156

15.0270882,0.495015,9.614660,1.396212,9.728110,81.748215,87.052704

15.0296040,0.485444,9.645767,1.377069,9.755655,81.885254,87.118896

15.0321188,0.528515,9.629018,1.338784,9.735998,82.096291,86.858322

15.0346336,0.506979,9.667302,1.362713,9.776030,81.987267,86.998009

15.0371494,0.526122,9.652946,1.312463,9.755959,82.268593,86.880249

15.0396643,0.492622,9.652946,1.314856,9.754531,82.253273,87.078537

15.0421753,0.478265,9.636196,1.360320,9.743484,81.974533,87.158615

15.0446911,0.461516,9.617053,1.372284,9.725424,81.888336,87.252525

15.0472069,0.399302,9.648160,1.389034,9.755811,81.814400,87.630089

15.0497217,0.418445,9.609875,1.453640,9.728199,81.406372,87.506729

15.0522375,0.444766,9.617053,1.463211,9.737890,81.358032,87.352097

15.0547523,0.408874,9.617053,1.494318,9.741040,81.175735,87.565506

15.0572672,0.380160,9.686445,1.552045,9.817362,80.903847,87.752487

15.0597830,0.413659,9.724730,1.559223,9.857620,80.899055,87.564285

15.0622978,0.389731,9.777672,1.544567,9.906586,81.030243,87.717438

15.0648146,0.392124,9.787243,1.546960,9.916500,81.025284,87.705681

15.0673294,0.394517,9.806385,1.544567,9.935115,81.056206,87.696198

15.0698442,0.346660,9.823135,1.515853,9.945450,81.232994,87.978859

15.0723600,0.339482,9.885348,1.465604,9.999167,81.571648,88.033127

15.0748749,0.279362,9.918848,1.422533,10.024230,81.841644,88.386703

15.0773897,0.253041,9.899706,1.415355,10.003572,81.866219,88.535812

15.0799055,0.303290,9.973883,1.353141,10.069822,82.277466,88.258263

15.0824203,0.269791,10.002597,1.310070,10.091631,82.540955,88.454987

15.0849371,0.257827,10.041182,1.312463,10.129874,82.555626,88.529144

15.0874519,0.284148,10.069895,1.300499,10.157500,82.644035,88.383682

15.0899668,0.310469,10.069895,1.283749,10.156140,82.738312,88.234055

15.0924826,0.279362,10.108180,1.264308,10.190771,82.873299,88.416908

15.0949974,0.339482,10.093823,1.237987,10.175123,83.011627,88.073715

15.0975122,0.353839,10.112966,1.252344,10.196354,82.944962,87.996117

15.1000280,0.356231,10.089038,1.288535,10.177225,82.726280,87.977798

15.1025448,0.368196,10.055538,1.278665,10.143195,82.757950,87.902985

15.1050606,0.341875,10.045967,1.290928,10.134339,82.681694,88.050919

15.1075754,0.406481,10.007382,1.338784,10.104715,82.386436,87.674034

15.1100903,0.418445,10.007382,1.273879,10.096809,82.751877,87.605652

15.1126060,0.459123,10.007382,1.343570,10.107605,82.361259,87.373199

15.1151209,0.478265,9.906884,1.345963,10.009331,82.271980,87.236130

15.1176357,0.499801,9.847063,1.360320,9.953136,82.144661,87.094368

15.1201525,0.581157,9.818350,1.412962,9.936508,81.824883,86.612564

15.1226711,0.595514,9.792028,1.427319,9.913410,81.721863,86.519775

15.1251860,0.622134,9.794421,1.444068,9.919832,81.629486,86.365501

15.1277018,0.677169,9.724730,1.489532,9.861422,81.312431,86.016716

15.1302166,0.708275,9.700802,1.496711,9.841105,81.252075,85.824127

15.1327324,0.715454,9.662517,1.494318,9.803524,81.232422,85.765305

15.1352482,0.732204,9.638589,1.515853,9.784494,81.087608,85.655823

15.1377630,0.775275,9.626625,1.534996,9.779017,80.969032,85.395653

15.1402788,0.744168,9.583553,1.549353,9.736466,80.843666,85.559860

15.1427946,0.760918,9.540483,1.501496,9.687842,81.083916,85.439926

15.1453104,0.772882,9.562018,1.494318,9.708889,81.146278,85.378929

15.1478262,0.780060,9.562018,1.470389,9.705810,81.286377,85.336197

15.1503420,0.775275,9.583553,1.448854,9.723412,81.430626,85.375053

15.1528568,0.772882,9.590733,1.432104,9.727817,81.534294,85.392700

15.1553726,0.794417,9.569197,1.400998,9.703783,81.698830,85.254295

15.1578875,0.751346,9.545269,1.386641,9.674682,81.759605,85.499298

15.1604033,0.775275,9.557233,1.384248,9.688028,81.785332,85.362373

15.1629171,0.823131,9.535697,1.345963,9.665334,81.995163,85.066399

15.1654339,0.856631,9.492328,1.338784,9.624472,82.004105,84.843338

15.1679487,0.861416,9.504591,1.300499,9.631749,82.240105,84.821342

15.1704636,0.873679,9.482756,1.211666,9.599692,82.748833,84.736000

15.1729794,0.861416,9.480363,1.206880,9.595617,82.774536,84.808182

15.1754942,0.859023,9.473185,1.190130,9.586217,82.868317,84.818619

15.1780100,0.871287,9.477970,1.173380,9.589989,82.971977,84.747704

15.1805248,0.861416,9.489935,1.151845,9.598315,83.107613,84.813385

15.1830425,0.863809,9.514162,1.103989,9.616872,83.408081,84.812233

15.1855583,0.861416,9.542876,1.082453,9.642626,83.554558,84.842003

15.1880732,0.866202,9.554840,1.056132,9.651978,83.718040,84.819962

15.1905890,0.880858,9.557233,1.048954,9.654891,83.762802,84.734116

15.1931038,0.861416,9.564411,1.017847,9.656915,83.949738,84.853554

15.1956196,0.823131,9.614660,0.962513,9.697714,84.303932,85.106720

15.1981344,0.811167,9.624231,0.897907,9.700003,84.688660,85.182281

15.2006512,0.815953,9.672089,0.873978,9.745713,84.854904,85.177856

15.2031660,0.801596,9.672089,0.847657,9.742196,85.008446,85.262314

15.2056818,0.803988,9.729516,0.835693,9.798381,85.107361,85.276154

15.2081966,0.784846,9.765409,0.830908,9.832069,85.152153,85.405014

15.2107124,0.796810,9.782457,0.830908,9.849963,85.160980,85.343369

15.2132273,0.803988,9.806385,0.768694,9.869269,85.532845,85.313019

15.2157440,0.770489,9.870992,0.768694,9.930812,85.560577,85.536774

15.2182589,0.806381,9.897313,0.771087,9.960002,85.559814,85.342125

15.2207747,0.808774,9.909277,0.727717,9.968824,85.813728,85.333984

15.2232885,0.796810,9.921241,0.718146,9.979061,85.873123,85.408226

15.2258043,0.844666,9.911670,0.675075,9.970475,86.117683,85.129059

15.2283192,0.837488,9.949955,0.701396,10.009743,85.981918,85.188751

15.2308350,0.842274,9.918848,0.713360,9.980073,85.901093,85.146286

15.2333498,0.868595,9.945169,0.672682,10.005666,86.145088,85.008545

15.2358665,0.885643,9.978668,0.641576,10.038417,86.335609,84.928078

15.2383814,0.873679,9.902099,0.655932,9.962184,86.224785,84.957748

15.2408972,0.928714,9.957133,0.641576,10.020909,86.329201,84.671364

15.2434092,1.000499,9.933205,0.660718,10.005303,86.213615,84.248413

15.2459240,1.038784,9.892527,0.682254,9.970287,86.076263,84.005516

15.2484398,1.067498,9.818350,0.699003,9.900917,85.951561,83.794899

15.2509546,1.110569,9.811171,0.713360,9.899561,85.867699,83.541931

15.2534704,1.132104,9.799207,0.701396,9.889291,85.932892,83.409828

15.2559862,1.161117,9.777672,0.691825,9.870647,85.980896,83.227730

15.2585011,1.197010,9.751051,0.713360,9.850112,85.846916,83.001556

15.2610168,1.225723,9.715159,0.768694,9.822302,85.511436,82.809212

15.2635326,1.211366,9.681660,0.746860,9.785690,85.622833,82.868233

15.2660475,1.204188,9.686445,0.732503,9.788455,85.708351,82.913528

15.2685633,1.242473,9.664909,0.778266,9.775476,85.433617,82.674515

15.2710781,1.261616,9.643374,0.809372,9.759171,85.242737,82.546486

15.2735929,1.141975,9.506984,0.771087,9.606322,85.395988,83.150475

15.2761097,0.411266,8.728418,0.512363,8.753111,86.644272,87.302330

15.2786245,0.933500,9.130713,0.294317,9.183025,88.163345,84.162514

15.2811403,1.527518,9.961919,1.012762,10.129108,84.261673,81.282410

15.2836561,1.836491,10.316655,1.412962,10.573672,82.320580,79.906380

15.2861719,1.836491,10.103395,1.264308,10.346485,82.981094,79.697838

15.2886868,1.553839,9.731909,0.902692,9.896429,84.766548,80.928474

15.2912025,1.345365,9.557233,0.749552,9.680523,85.559212,81.987167

15.2937183,1.326222,9.614660,0.826122,9.740792,85.134865,82.146324

15.2962332,1.393221,9.609875,0.917049,9.753550,84.604958,81.750847

15.2987490,1.446162,9.640982,0.873978,9.787939,84.877159,81.469147

15.3012638,1.448555,9.621839,0.857229,9.767955,84.965286,81.438492

15.3037767,1.405484,9.679267,0.816551,9.814803,85.227715,81.738075

15.3062925,1.405484,9.676874,0.783051,9.809711,85.421547,81.736061

15.3088074,1.381257,9.674481,0.778266,9.803528,85.446709,81.874611

15.3113241,1.345365,9.681660,0.756730,9.803937,85.573143,82.088837

15.3138390,1.357329,9.684052,0.725324,9.805575,85.757919,82.021332

15.3163538,1.383650,9.672089,0.732503,9.797976,85.712532,81.858734

15.3188696,1.357329,9.669696,0.684646,9.788467,85.989220,82.009636

15.3213844,1.340579,9.669696,0.715753,9.788384,85.806633,82.106987

15.3239012,1.347757,9.700802,0.715753,9.820098,85.820206,82.090385

15.3264179,1.319044,9.722338,0.677468,9.834769,86.050056,82.273773

15.3289328,1.278365,9.688838,0.651147,9.794477,86.188103,82.483688

15.3314486,1.287937,9.717552,0.624826,9.822424,86.352829,82.450180

15.3339634,1.271187,9.715159,0.658325,9.820063,86.156075,82.545441

15.3364792,1.307079,9.703195,0.667897,9.813589,86.097527,82.328094

15.3389940,1.290330,9.703195,0.679861,9.812194,86.026947,82.425255

15.3415098,1.266401,9.719945,0.708575,9.827674,85.865387,82.576805

15.3440208,1.268794,9.662517,0.684646,9.769484,85.981415,82.519234

15.3465366,1.271187,9.684052,0.718146,9.793493,85.794792,82.521767

15.3490524,1.204188,9.724730,0.761516,9.828547,85.556267,82.941147

15.3515673,1.240080,9.693624,0.720539,9.799149,85.783195,82.709892

15.3540831,1.213759,9.727123,0.754337,9.831539,85.599586,82.887344

15.3565979,1.187438,9.710373,0.771087,9.813049,85.493179,83.028168

15.3591127,1.220938,9.751051,0.775873,9.857772,85.485771,82.863091

15.3616285,1.197010,9.729516,0.821336,9.837220,85.210640,82.986221

15.3641443,1.201795,9.770494,0.761516,9.873538,85.576561,82.987701

15.3666601,1.235295,9.758230,0.780658,9.867039,85.462143,82.785301

15.3691759,1.237687,9.799207,0.787837,9.908431,85.439499,82.801384

15.3716908,1.247259,9.792028,0.756730,9.900106,85.616234,82.741043

15.3742056,1.254437,9.784850,0.768694,9.894837,85.544411,82.694420

15.3767214,1.256830,9.801600,0.809372,9.914941,85.317642,82.693008

15.3792362,1.249652,9.784850,0.826122,9.898859,85.212738,82.721985

15.3817520,1.256830,9.787243,0.771087,9.897693,85.531799,82.682404

15.3842678,1.261616,9.755837,0.739681,9.864844,85.699837,82.631454

15.3867836,1.283151,9.703195,0.773480,9.818184,85.481537,82.466911

15.3892984,1.261616,9.703195,0.806979,9.818089,85.285362,82.591927

15.3918133,1.309472,9.710373,0.763909,9.828002,85.542030,82.319832

15.3943291,1.369293,9.667302,0.739681,9.791773,85.667686,81.938156

15.3968439,1.371686,9.621839,0.742074,9.747409,85.633827,81.886604

15.3993587,1.319044,9.638589,0.749552,9.757259,85.594200,82.207466

15.4018755,1.338186,9.662517,0.691825,9.779243,85.943268,82.115120

15.4043922,1.333400,9.650553,0.679861,9.765927,86.008095,82.133347

15.4069071,1.333400,9.640982,0.715753,9.759036,85.793999,82.125633

15.4094229,1.340579,9.681660,0.732503,9.801441,85.714050,82.116623

15.4119377,1.359721,9.655338,0.703789,9.775976,85.871613,81.983986

15.4144526,1.342972,9.662517,0.718146,9.781796,85.789749,82.087280

15.4169683,1.333400,9.693624,0.718146,9.811219,85.802399,82.167862

15.4194841,1.362114,9.712767,0.722932,9.834420,85.784363,82.016930

15.4219999,1.354936,9.736694,0.718146,9.856713,85.821808,82.077728

15.4245138,1.335793,9.676874,0.744467,9.796962,85.641914,82.140572

15.4270296,1.354936,9.667302,0.699003,9.786787,85.904266,82.021591

15.4295444,1.376471,9.698409,0.739681,9.823489,85.681702,81.922104

15.4320593,1.352543,9.707980,0.761516,9.831285,85.557510,82.068451

15.4345751,1.350150,9.717552,0.730110,9.838028,85.743996,82.090004

15.4370899,1.383650,9.727123,0.792623,9.856960,85.387726,81.904182

15.4396067,1.366900,9.746265,0.773480,9.872000,85.506218,82.016418

15.4421215,1.381257,9.748658,0.759123,9.875246,85.591248,81.935623

15.4446383,1.347757,9.729516,0.816551,9.856302,85.247856,82.113434

15.4471531,1.352543,9.782457,0.818944,9.909415,85.259499,82.128075

15.4496679,1.359721,9.755837,0.826122,9.884720,85.205872,82.065506

15.4521837,1.352543,9.753445,0.818944,9.880775,85.245728,82.104950

15.4546995,1.347757,9.768100,0.749552,9.889088,85.653046,82.144196

15.4572153,1.359721,9.787243,0.773480,9.911469,85.524147,82.090645

15.4597301,1.338186,9.772886,0.830908,9.899013,85.185013,82.203064

15.4622450,1.352543,9.727123,0.799801,9.853222,85.344093,82.083862

15.4647598,1.369293,9.717552,0.787837,9.845124,85.410110,81.979301

15.4672756,1.398007,9.758230,0.766301,9.887604,85.555046,81.847031

15.4697905,1.374078,9.782457,0.783051,9.909477,85.467735,82.004341

15.4723072,1.393221,9.741480,0.785444,9.871901,85.436516,81.860786

15.4748220,1.395614,9.731909,0.775873,9.862037,85.487724,81.839081

15.4773369,1.376471,9.719945,0.763909,9.846601,85.550468,81.939766

15.4798527,1.422234,9.736694,0.722932,9.866539,85.798111,81.689606

15.4823675,1.431805,9.684052,0.756730,9.818532,85.579735,81.589645

15.4848833,1.436591,9.684052,0.787837,9.821678,85.399132,81.561935

15.4873981,1.443769,9.691231,0.833300,9.833555,85.138893,81.526573

15.4899149,1.482054,9.672089,0.826122,9.819790,85.174103,81.288322

15.4924297,1.525125,9.612267,0.835693,9.768319,85.092270,80.984352

15.4949455,1.494019,9.581161,0.838086,9.733094,85.060326,81.137077

15.4974604,1.510768,9.602696,0.845265,9.757493,85.030396,81.059082

15.4999752,1.563411,9.554840,0.905085,9.724114,84.659386,80.707329

15.5024910,1.532304,9.497113,0.926621,9.664457,84.498077,80.834648

15.5050077,1.563411,9.533304,0.933799,9.705674,84.478935,80.686699

15.5075235,1.570589,9.516555,0.936192,9.690616,84.456116,80.628517

15.5100393,1.544268,9.516555,0.921835,9.685007,84.538223,80.782860

15.5125542,1.527518,9.540483,0.986441,9.712218,84.170586,80.903625

15.5150700,1.539482,9.573982,0.955334,9.743911,84.373436,80.865120

15.5175848,1.558625,9.573982,0.933799,9.744866,84.501213,80.753479

15.5200996,1.556232,9.554840,0.940978,9.726370,84.448235,80.749252

15.5226154,1.496411,9.573982,0.955334,9.737199,84.369545,81.116554

15.5251312,1.522732,9.631411,0.926621,9.794969,84.571602,81.015862

15.5276470,1.501197,9.648160,0.921835,9.807669,84.606735,81.156029

15.5301619,1.477269,9.631411,0.924228,9.787778,84.581673,81.279915

15.5326777,1.453341,9.648160,0.897907,9.798236,84.742058,81.433716

15.5351925,1.431805,9.739087,0.859622,9.881236,85.009224,81.636497

15.5377083,1.417448,9.724730,0.799801,9.859981,85.347290,81.707130

15.5402231,1.405484,9.772886,0.802194,9.905969,85.355049,81.816139

15.5427399,1.438984,9.811171,0.814158,9.949502,85.306297,81.656036

15.5452528,1.436591,9.796814,0.759123,9.930641,85.615891,81.657684

15.5477686,1.410270,9.818350,0.739681,9.946657,85.735275,81.826164

15.5502834,1.405484,9.784850,0.742074,9.913090,85.706940,81.826012

15.5527983,1.390828,9.794421,0.718146,9.918711,85.847969,81.917915

15.5553141,1.398007,9.818350,0.778266,9.947870,85.512917,81.896294

15.5578289,1.393221,9.777672,0.754337,9.905198,85.632370,81.890511

15.5603447,1.364507,9.782457,0.725324,9.903759,85.800049,82.059326

15.5628605,1.381257,9.784850,0.802194,9.914368,85.358994,81.965057

15.5653849,1.441377,9.748658,0.797408,9.886848,85.373871,81.589531

15.5679007,1.383650,9.715159,0.814158,9.846911,85.257278,81.894348

15.5704165,1.378864,9.707980,0.814158,9.839156,85.253532,81.916115

15.5729322,1.359721,9.775279,0.866800,9.907384,84.980759,82.081085

15.5754471,1.328615,9.705587,0.907478,9.838047,84.707420,82.205132

15.5779629,1.333400,9.640982,0.955334,9.779527,84.393997,82.125633

15.5804787,1.323829,9.679267,0.936192,9.814133,84.526108,82.211998

15.5829945,1.331008,9.638589,1.007977,9.782126,84.085594,82.137665

15.5855045,1.309472,9.638589,1.034597,9.781999,83.928734,82.263321

15.5880194,1.335793,9.597911,1.046561,9.746770,83.835976,82.076729

15.5905361,1.354936,9.609875,1.029811,9.759409,83.942886,81.974533

15.5930519,1.333400,9.588340,1.084846,9.741206,83.605896,82.082947

15.5955667,1.319044,9.612267,1.101596,9.764685,83.522430,82.186386

15.5980825,1.297508,9.629018,1.063311,9.774055,83.754486,82.325630

15.6005974,1.254437,9.633803,1.092024,9.776313,83.586617,82.581139

15.6031132,1.254437,9.626625,1.130310,9.773594,83.358925,82.575668

15.6056185,1.230509,9.643374,1.103989,9.784049,83.521202,82.728271

15.6081333,1.204188,9.631411,1.092024,9.767633,83.580894,82.873451

15.6106482,1.197010,9.619446,1.096810,9.755489,83.544586,82.906776

15.6131639,1.213759,9.626625,1.111167,9.766259,83.466965,82.813866

15.6156788,1.204188,9.638589,1.123131,9.778235,83.404434,82.878700

15.6181936,1.144367,9.609875,1.178166,9.749223,83.059006,83.209061

15.6207085,1.124926,9.605089,1.159024,9.739945,83.165787,83.320084

15.6232252,1.146760,9.612267,1.147059,9.748153,83.242386,83.196671

15.6257401,1.144367,9.633803,1.154238,9.769955,83.215141,83.225769

15.6282549,1.137189,9.605089,1.159024,9.741369,83.166786,83.247932

15.6307707,1.120140,9.602696,1.178166,9.739331,83.051918,83.346603

15.6332855,1.069891,9.581161,1.173380,9.711855,83.060608,83.628403

15.6358004,1.079462,9.569197,1.151845,9.698531,83.179176,83.563904

15.6383152,1.060320,9.621839,1.168595,9.750368,83.116478,83.711418

15.6408319,1.022034,9.643374,1.170988,9.767826,83.114700,83.950203

15.6433468,0.978964,9.612267,1.170988,9.732691,83.089722,84.184746

15.6458626,0.962214,9.657731,1.206880,9.780295,82.911682,84.310318

15.6483784,0.931107,9.676874,1.173380,9.792123,83.117767,84.503929

15.6508932,0.914357,9.669696,1.192523,9.785765,83.000366,84.598228

15.6534081,0.900000,9.722338,1.211666,9.838799,82.925964,84.711182

15.6559229,0.842274,9.719945,1.194916,9.829272,83.017448,85.047455

15.6584396,0.832702,9.729516,1.223630,9.841450,82.857689,85.108253

15.6609545,0.830309,9.676874,1.242772,9.791618,82.708237,85.095833

15.6634693,0.842274,9.753445,1.221237,9.865623,82.889282,85.064377

15.6659861,0.801596,9.755837,1.223630,9.864897,82.874748,85.302803

15.6685019,0.772882,9.753445,1.257129,9.864451,82.678299,85.469238

15.6710167,0.751346,9.760623,1.237987,9.867466,82.792595,85.598206

15.6735315,0.789631,9.768100,1.257129,9.880266,82.690079,85.378387

15.6760483,0.746561,9.739087,1.288535,9.852283,82.485016,85.616501

15.6785631,0.741775,9.736694,1.281057,9.848581,82.526054,85.643425

15.6810780,0.744168,9.729516,1.331606,9.848372,82.229195,85.626213

15.6835938,0.780060,9.751051,1.345963,9.874366,82.165695,85.426216

15.6861086,0.708275,9.796814,1.367498,9.917120,82.074081,85.864906

15.6886234,0.610170,9.792028,1.331606,9.900974,82.270729,86.434341

15.6911392,0.638884,9.789636,1.341177,9.901712,82.215416,86.266106

15.6936550,0.653241,9.806385,1.362713,9.922141,82.106010,86.188942

15.6961699,0.655633,9.787243,1.348356,9.901416,82.173256,86.167564

15.6986856,0.691526,9.777672,1.348356,9.894400,82.167671,85.954491

15.7012005,0.674776,9.770494,1.355534,9.887130,82.119881,86.049278

15.7037153,0.679562,9.736694,1.374677,9.856711,81.983047,86.007576

15.7062292,0.710668,9.772886,1.384248,9.895985,81.959114,85.840866

15.7087450,0.734597,9.792028,1.381855,9.916299,81.989655,85.709717

15.7112598,0.696311,9.799207,1.396212,9.922636,81.911079,85.935509

15.7137756,0.715454,9.731909,1.391426,9.856875,81.884850,85.795387

15.7162914,0.753739,9.748658,1.374677,9.873915,81.997108,85.578842

15.7188063,0.756132,9.693624,1.369891,9.819098,81.980339,85.539787

15.7213211,0.803988,9.729516,1.350748,9.855679,82.122658,85.276154

15.7238359,0.835095,9.739087,1.324427,9.864142,82.283775,85.099060

15.7263517,0.854238,9.710373,1.345963,9.840360,82.138451,84.972534

15.7288666,0.897608,9.705587,1.333999,9.837870,82.206779,84.716110

15.7313814,0.851845,9.693624,1.283749,9.815293,82.484711,84.977928

15.7338982,0.849452,9.696016,1.302892,9.819971,82.375641,84.993195

15.7364130,0.890429,9.729516,1.240379,9.848598,82.764679,84.770950

15.7389278,0.863809,9.755837,1.235594,9.871637,82.809654,84.940071

15.7414427,0.914357,9.724730,1.264308,9.849107,82.624718,84.628616

15.7439585,0.914357,9.746265,1.237987,9.867034,82.792274,84.640419

15.7464733,0.885643,9.727123,1.283749,9.851360,82.512383,84.797630

15.7489882,0.950250,9.729516,1.237987,9.853886,82.782608,84.421799

15.7515030,0.904786,9.724730,1.218844,9.842489,82.886520,84.684517

15.7540197,0.885643,9.674481,1.182952,9.786692,83.057480,84.769478

15.7565346,0.919143,9.729516,1.190130,9.845036,83.056740,84.603310

15.7590494,0.868595,9.698409,1.218844,9.813214,82.865189,84.882217

15.7615643,0.871287,9.638589,1.192523,9.751084,82.975342,84.834747

15.7640800,0.890429,9.681660,1.228415,9.799816,82.798981,84.745247

15.7665968,0.895215,9.681660,1.218844,9.799057,82.854828,84.717163

15.7691126,0.902393,9.645767,1.233201,9.766060,82.745659,84.655350

15.7716274,0.885643,9.681660,1.261915,9.803638,82.604424,84.773331

15.7741432,0.885643,9.669696,1.240379,9.789072,82.720444,84.766907

15.7766581,0.940678,9.621839,1.261915,9.749722,82.563293,84.416229

15.7791729,0.940678,9.681660,1.314856,9.815715,82.301849,84.450508

15.7816887,0.919143,9.688838,1.278665,9.815976,82.515175,84.580788

15.7842035,0.923929,9.696016,1.271486,9.822578,82.562462,84.556747

15.7867212,0.935893,9.729516,1.283749,9.858366,82.517738,84.505562

15.7892370,0.933500,9.705587,1.254736,9.830779,82.667137,84.506096

15.7917519,0.928714,9.739087,1.254736,9.863401,82.691528,84.552773

15.7942667,0.904786,9.734302,1.230808,9.853434,82.824348,84.689713

15.7967825,0.900000,9.770494,1.216451,9.886975,82.932663,84.737099

15.7992973,0.866202,9.736694,1.261915,9.856264,82.644127,84.916199

15.8018122,0.890429,9.707980,1.226022,9.825521,82.831985,84.759415

15.8043289,0.883251,9.717552,1.245165,9.836737,82.727814,84.806526

15.8068285,0.854238,9.691231,1.230808,9.806353,82.789719,84.962662

15.8093433,0.849452,9.660124,1.273879,9.780712,82.516312,84.974686

15.8118582,0.827917,9.676874,1.269093,9.794791,82.555359,85.109901

15.8143730,0.839881,9.676874,1.271486,9.796120,82.542259,85.039581

15.8168879,0.811167,9.712767,1.312463,9.834551,82.330750,85.225990

15.8194027,0.792024,9.652946,1.314856,9.774227,82.268974,85.309387

15.8219175,0.803988,9.621839,1.300499,9.742560,82.328896,85.223534

15.8244324,0.765703,9.605089,1.295713,9.722289,82.341263,85.442108

15.8269663,0.815953,9.550055,1.317249,9.674940,82.174843,85.116531

15.8294811,0.794417,9.583553,1.331606,9.708180,82.116272,85.261368

15.8319969,0.770489,9.571589,1.314856,9.692153,82.203102,85.397758

15.8345118,0.787239,9.578768,1.322034,9.701562,82.167923,85.301659

15.8370266,0.760918,9.588340,1.319642,9.708590,82.187881,85.462593

15.8395424,0.756132,9.590733,1.300499,9.707996,82.301422,85.492134

15.8420582,0.763310,9.576375,1.295713,9.693733,82.318565,85.442726

15.8445740,0.770489,9.617053,1.345963,9.741302,82.057991,85.419418

15.8470888,0.756132,9.650553,1.307678,9.768057,82.306549,85.519958

15.8496037,0.760918,9.722338,1.283749,9.836202,82.500778,85.524872

15.8521194,0.756132,9.684052,1.322034,9.803081,82.249527,85.535400

15.8546343,0.746561,9.700802,1.257129,9.810367,82.637711,85.599266

15.8571501,0.765703,9.782457,1.242772,9.890766,82.781723,85.524406

15.8596659,0.760918,9.743873,1.230808,9.850733,82.822372,85.534729

15.8621807,0.725025,9.753445,1.221237,9.856306,82.882523,85.748718

15.8646965,0.772882,9.731909,1.192523,9.835116,83.035660,85.459259

15.8672171,0.777667,9.727123,1.182952,9.829602,83.087936,85.429024

15.8697338,0.760918,9.751051,1.211666,9.855461,82.937988,85.538002

15.8722486,0.758525,9.780065,1.156631,9.877389,83.275307,85.565117

15.8747644,0.760918,9.782457,1.175773,9.882202,83.166824,85.552269

15.8772793,0.736989,9.806385,1.211666,9.908404,82.975914,85.702072

15.8797951,0.748953,9.796814,1.166202,9.894368,83.231087,85.628319

15.8823109,0.715454,9.796814,1.218844,9.898232,82.926788,85.823151

15.8848257,0.710668,9.792028,1.245165,9.896429,82.771912,85.848969

15.8873425,0.705883,9.823135,1.240379,9.926269,82.821594,85.889839

15.8898573,0.741775,9.839885,1.223630,9.943381,82.931282,85.688942

15.8923731,0.744168,9.792028,1.235594,9.897692,82.828682,85.654030

15.8948879,0.746561,9.825528,1.249951,9.932811,82.770699,85.654915

15.8974037,0.705883,9.823135,1.254736,9.928072,82.739388,85.889839

15.8999186,0.689133,9.796814,1.218844,9.896365,82.925446,85.976295

15.9024353,0.691526,9.801600,1.266701,9.907274,82.654305,85.964333

15.9049501,0.674776,9.794421,1.302892,9.903713,82.440491,86.058899

15.9074697,0.679562,9.801600,1.276272,9.907675,82.598793,86.033936

15.9099855,0.691526,9.827921,1.276272,9.934541,82.618919,85.975105

15.9125023,0.662812,9.801600,1.300499,9.909691,82.459030,86.131386

15.9150171,0.684347,9.789636,1.252344,9.893112,82.727562,86.001228

15.9175329,0.696311,9.815957,1.259522,9.920900,82.706253,85.942421

15.9200487,0.715454,9.803992,1.286142,9.913843,82.545898,85.826195

15.9225636,0.729811,9.770494,1.252344,9.877425,82.715950,85.728203

15.9250793,0.748953,9.760623,1.259522,9.870009,82.668434,85.612167

15.9275942,0.744168,9.792028,1.276272,9.902852,82.595169,85.654030

15.9301109,0.710668,9.792028,1.278665,9.900700,82.579582,85.848969

15.9326258,0.727418,9.751051,1.235594,9.855903,82.798119,85.733696

15.9351416,0.722632,9.724730,1.273879,9.834395,82.557388,85.750237

15.9376564,0.734597,9.760623,1.245165,9.867108,82.750313,85.695961

15.9401722,0.725025,9.727123,1.245165,9.833261,82.725227,85.737259

15.9426880,0.689133,9.780065,1.261915,9.885191,82.665771,85.969429

15.9452028,0.686740,9.741480,1.211666,9.840537,82.927223,85.967522

15.9477139,0.667598,9.724730,1.249951,9.827434,82.692757,86.072838

15.9502296,0.648455,9.746265,1.254736,9.848073,82.680084,86.193512

15.9527464,0.607777,9.760623,1.226022,9.856078,82.854324,86.436890

15.9552612,0.588335,9.751051,1.221237,9.844824,82.874184,86.547211

15.9577770,0.576371,9.758230,1.202094,9.848873,82.989342,86.619743

15.9602919,0.526122,9.792028,1.218844,9.881609,82.914825,86.924477

15.9628077,0.540479,9.777672,1.211666,9.867275,82.946487,86.836090

15.9653225,0.602991,9.770494,1.180559,9.860013,83.123367,86.468437

15.9678354,0.590728,9.780065,1.175773,9.868185,83.157074,86.543465

15.9703512,0.466301,9.823135,1.092024,9.894642,83.663628,87.282227

15.9728670,0.480658,9.813564,1.087239,9.885301,83.685524,87.195953

15.9753828,0.506979,9.811171,1.041775,9.879342,83.946915,87.041946

15.9778976,0.538086,9.847063,0.991227,9.911444,84.260353,86.872223

15.9804134,0.571586,9.899706,1.051346,9.971771,83.947929,86.695549

15.9829283,0.590728,9.935597,1.036990,10.007018,84.051979,86.597443

15.9854441,0.626920,9.959526,1.053739,10.034718,83.972298,86.398170

15.9879541,0.646062,10.012168,1.063311,10.089179,83.950294,86.307953

15.9904690,0.715454,10.041182,1.137488,10.130699,83.553162,85.924454

15.9929848,0.739382,10.028918,1.108774,10.117078,83.708069,85.783493

15.9955006,0.715454,10.053145,1.154238,10.144450,83.466721,85.929283

15.9980154,0.768096,10.019346,1.163809,10.115914,83.393646,85.616203

16.0005302,0.803988,10.004990,1.187737,10.107271,83.251396,85.405655

16.0030460,0.799203,10.016953,1.223630,10.123011,83.057335,85.438316

16.0055618,0.827917,9.952348,1.290928,10.069815,82.634537,85.244621

16.0080814,0.823131,9.894919,1.290928,10.012666,82.592262,85.244675

16.0105972,0.794417,9.818350,1.329213,9.939713,82.314957,85.374191

16.0131130,0.787239,9.770494,1.319642,9.890589,82.332504,85.393456

16.0156269,0.801596,9.722338,1.398605,9.855075,81.841194,85.286690

16.0181446,0.787239,9.662517,1.379462,9.792185,81.901588,85.342201

16.0206585,0.780060,9.619446,1.396212,9.751494,81.768143,85.363914

16.0231743,0.763310,9.585947,1.379462,9.714728,81.836578,85.447250

16.0256901,0.701097,9.559626,1.396212,9.686454,81.712479,85.805473

16.0282040,0.634098,9.550055,1.427319,9.676924,81.518089,86.201286

16.0307198,0.593121,9.528519,1.441676,9.655200,81.412712,86.438110

16.0332355,0.569193,9.504591,1.434497,9.629071,81.432434,86.572876

16.0357513,0.566800,9.514162,1.456033,9.641606,81.314217,86.590668

16.0382671,0.535693,9.499506,1.463211,9.626451,81.257210,86.772415

16.0407829,0.521336,9.514162,1.448854,9.637959,81.354073,86.863571

16.0432968,0.483051,9.595518,1.456033,9.717373,81.382454,87.118088

16.0458126,0.499801,9.550055,1.408176,9.666245,81.623360,87.004166

16.0483322,0.442373,9.523733,1.377069,9.632938,81.781166,87.340546

16.0508480,0.456730,9.609875,1.343570,9.714087,82.049850,87.278946

16.0533638,0.428016,9.569197,1.324427,9.669893,82.127792,87.438950

16.0558796,0.408874,9.562018,1.314856,9.660653,82.177521,87.551514

16.0583954,0.411266,9.629018,1.273879,9.721620,82.470558,87.554321

16.0609093,0.399302,9.631411,1.278665,9.724119,82.444061,87.625969

16.0634270,0.387338,9.597911,1.264308,9.688571,82.501816,87.688995

16.0659409,0.368196,9.619446,1.257129,9.708227,82.559814,87.808006

16.0684528,0.358624,9.612267,1.187737,9.692008,82.960815,87.863342

16.0709686,0.346660,9.674481,1.173380,9.751543,83.088989,87.947830

16.0734844,0.317647,9.746265,1.127917,9.816455,83.402107,88.133293

16.0759983,0.322433,9.743873,1.125524,9.813961,83.414482,88.104729

16.0785141,0.320040,9.746265,1.101596,9.813543,83.554817,88.119240

16.0810299,0.363410,9.780065,1.072882,9.845446,83.743919,87.871971

16.0835457,0.380160,9.789636,1.075275,9.855846,83.736549,87.776161

16.0860615,0.372981,9.789636,1.044168,9.852226,83.916199,87.818108

16.0885773,0.377767,9.808778,1.032204,9.870171,83.997139,87.794449

16.0910931,0.416052,9.830314,1.003191,9.890124,84.178268,87.576492

16.0936089,0.430409,9.861421,0.960120,9.917394,84.444397,87.500870

16.0961227,0.497408,9.897313,0.981655,9.958306,84.342789,87.122917

16.0986385,0.550050,9.909277,0.972084,9.972024,84.405861,86.822853

16.1011543,0.571586,9.949955,0.912264,10.008023,84.770042,86.712196

16.1036701,0.566800,9.966704,0.845265,10.018529,85.160194,86.745132

16.1061859,0.566800,10.004990,0.838086,10.056016,85.219322,86.757561

16.1086998,0.619741,10.002597,0.828515,10.055966,85.274025,86.454597

16.1112156,0.643669,9.985847,0.780658,10.036976,85.539131,86.311920

16.1137314,0.638884,9.976275,0.749552,10.024773,85.711998,86.335762

16.1162453,0.674776,9.959526,0.759123,10.011182,85.651230,86.124031

16.1187630,0.667598,9.954741,0.759123,10.005939,85.648949,86.163300

16.1212769,0.698704,9.959526,0.751945,10.012281,85.692902,85.987022

16.1237926,0.725025,9.923634,0.775873,9.980288,85.541298,85.821365

16.1263084,0.732204,9.904491,0.754337,9.960126,85.656502,85.772018

16.1288242,0.758525,9.890134,0.759123,9.948185,85.623634,85.614281

16.1313381,0.748953,9.878170,0.830908,9.941306,85.205551,85.664185

16.1338539,0.849452,9.827921,0.828515,9.899295,85.199051,85.060059

16.1363697,0.861416,9.777672,0.852443,9.852490,85.036530,84.965225

16.1388855,0.825524,9.748658,0.876371,9.822721,84.881332,85.159698

16.1414013,0.873679,9.698409,0.912264,9.780320,84.647934,84.852417

16.1439171,0.880858,9.698409,0.912264,9.780965,84.648285,84.810349

16.1464310,0.835095,9.686445,0.924228,9.766207,84.569672,85.072556

16.1489468,0.844666,9.650553,0.943370,9.733272,84.438034,84.997925

16.1514626,0.883251,9.660124,0.996012,9.751418,84.137573,84.775818

16.1539783,0.847059,9.624231,1.046561,9.717954,83.817627,84.970177

16.1564941,0.825524,9.609875,1.058525,9.703177,83.737106,85.090134

16.1590099,0.796810,9.564411,1.072882,9.657326,83.621552,85.237694

16.1615238,0.794417,9.569197,1.089632,9.663742,83.525871,85.254295

16.1640396,0.772882,9.564411,1.094417,9.657797,83.493294,85.380074

16.1665554,0.701097,9.521340,1.092024,9.609369,83.474716,85.788666

16.1690712,0.672383,9.511769,1.087239,9.597288,83.495224,85.956512

16.1715870,0.629312,9.487542,1.132702,9.575621,83.206566,86.205109

16.1741028,0.619741,9.516555,1.101596,9.600125,83.410904,86.274025

16.1766167,0.557229,9.509377,1.060918,9.584586,83.644905,86.646431

16.1791325,0.499801,9.468399,1.168595,9.553324,82.973793,86.978378

16.1816483,0.545264,9.466006,1.190130,9.556098,82.845726,86.703270

16.1841640,0.471087,9.473185,1.192523,9.559564,82.833878,87.153114

16.1866779,0.461516,9.427721,1.199701,9.514947,82.756523,87.197433

16.1891956,0.468694,9.451650,1.230808,9.542968,82.589607,87.161110

16.1917114,0.430409,9.430114,1.218844,9.518291,82.642914,87.386719

16.1942253,0.416052,9.420543,1.187737,9.504233,82.821014,87.471214

16.1967411,0.420838,9.415757,1.221237,9.503947,82.617203,87.440865

16.1992569,0.389731,9.425328,1.259522,9.517096,82.394989,87.632210

16.2017727,0.370588,9.403793,1.247558,9.493423,82.448753,87.743233

16.2042885,0.329611,9.432507,1.209273,9.515417,82.698784,87.998657

16.2068043,0.334696,9.444471,1.197309,9.525944,82.779442,87.970383

16.2093201,0.310469,9.468399,1.206880,9.550054,82.739883,88.121948

16.2118340,0.320040,9.511769,1.199701,9.592469,82.815376,88.072914

16.2143497,0.308076,9.535697,1.151845,9.609952,83.115997,88.149551

16.2168655,0.337089,9.564411,1.154238,9.639702,83.123024,87.981499

16.2193813,0.288933,9.590733,1.144667,9.663120,83.196922,88.274414

16.2218971,0.310469,9.619446,1.144667,9.692286,83.217491,88.151413

16.2244129,0.317647,9.617053,1.118345,9.687069,83.370575,88.108231

16.2269287,0.361017,9.631411,1.089632,9.699572,83.549889,87.853371

16.2294388,0.349053,9.667302,1.075275,9.733180,83.657295,87.932144

16.2319546,0.346660,9.691231,1.065703,9.755811,83.728622,87.951378

16.2344704,0.392124,9.712767,1.048954,9.777111,83.841072,87.688110

16.2369862,0.389731,9.727123,1.012762,9.787467,84.060661,87.705589

16.2395000,0.404088,9.755837,1.041775,9.819620,83.909966,87.628159

16.2420177,0.401695,9.813564,1.041775,9.876877,83.945396,87.656044

16.2445316,0.418445,9.823135,1.044168,9.887334,83.937881,87.560799

16.2470474,0.439980,9.835099,1.027418,9.898401,84.042175,87.438538

16.2495632,0.487837,9.825528,1.005584,9.888892,84.163605,87.157600

16.2520771,0.535693,9.825528,1.017847,9.892622,84.094414,86.879295

16.2545929,0.576371,9.835099,1.017847,9.904413,84.101471,86.646103

16.2571087,0.614955,9.837492,1.020240,9.909354,84.090515,86.423012

16.2596245,0.648455,9.820743,1.003191,9.893123,84.180038,86.222298

16.2621403,0.684347,9.827921,1.027418,9.905148,84.046249,86.016754

16.2646542,0.693919,9.830314,1.046561,9.910191,83.938004,85.962204

16.2671700,0.746561,9.856635,0.988834,9.934203,84.287415,85.668579

16.2696857,0.763310,9.880563,0.936192,9.954125,84.603317,85.582458

16.2722015,0.768096,9.892527,0.969691,9.969571,84.418297,85.560226

16.2747173,0.823131,9.899706,0.948156,9.979014,84.547813,85.246964

16.2772331,0.842274,9.894919,0.931406,9.974286,84.641869,85.134605

16.2797489,0.878465,9.849456,0.936192,9.932771,84.591682,84.903320

16.2822628,0.938286,9.854242,0.950549,9.944345,84.514900,84.560898

16.2847786,0.950250,9.892527,0.881157,9.977049,84.933128,84.513153

16.2872944,0.964607,9.894919,0.885943,9.981222,84.907669,84.432114

16.2898102,0.990928,9.882956,0.869193,9.970469,84.998795,84.274300

16.2923241,1.036391,9.906884,0.857229,9.997765,85.081306,84.027824

16.2948418,1.072284,9.921241,0.833300,10.013751,85.226578,83.831436

16.2973557,1.069891,9.921241,0.771087,10.008510,85.581375,83.845100

16.2998714,1.091426,9.949955,0.775873,10.039661,85.567719,83.740166

16.3023872,1.112962,9.942777,0.768694,10.034360,85.606483,83.613083

16.3049030,1.139582,9.933205,0.785444,10.029163,85.508224,83.455383

16.3074169,1.100998,9.933205,0.804587,10.026371,85.397232,83.675148

16.3099327,1.117747,9.911670,0.783051,10.005185,85.511185,83.565887

16.3124466,1.185045,9.904491,0.766301,10.004524,85.607101,83.177147

16.3149643,1.170689,9.856635,0.749552,9.954175,85.681526,83.226616

16.3174782,1.180260,9.851849,0.759123,9.951292,85.625008,83.168472

16.3199940,1.187438,9.844670,0.783051,9.946895,85.484825,83.122360

16.3225098,1.194617,9.839885,0.766301,9.941713,85.579292,83.077850

16.3250237,1.235295,9.823135,0.749552,9.928835,85.670486,82.832474

16.3275394,1.197010,9.792028,0.766301,9.894638,85.558212,83.030556

16.3300571,1.235295,9.799207,0.780658,9.907564,85.480743,82.815155

16.3325729,1.235295,9.799207,0.751945,9.905343,85.646317,82.815155

16.3350868,1.189831,9.820743,0.790230,9.924069,85.432838,83.092003

16.3376026,1.211366,9.775279,0.814158,9.883640,85.274948,82.935837

16.3401184,1.240080,9.765409,0.809372,9.877048,85.299644,82.762917

16.3426323,1.213759,9.772886,0.840479,9.883771,85.121887,82.920311

16.3451481,1.264009,9.765409,0.873978,9.885584,84.927895,82.624794

16.3476639,1.295115,9.760623,0.921835,9.889230,84.651352,82.441704

16.3501797,1.323829,9.748658,0.902692,9.879459,84.757538,82.266762

16.3526936,1.338186,9.705587,0.878764,9.836737,84.874657,82.149673

16.3552094,1.362114,9.696016,0.883550,9.831010,84.843658,82.003311

16.3577251,1.376471,9.710373,0.909871,9.849563,84.699646,81.931923

16.3602390,1.386042,9.684052,0.907478,9.824739,84.700226,81.854790

16.3627548,1.364507,9.636196,0.862014,9.770426,84.938393,81.940369

16.3652706,1.371686,9.631411,0.888335,9.769070,84.782692,81.894562

16.3677864,1.381257,9.652946,0.881157,9.790999,84.836586,81.856728

16.3703022,1.383650,9.614660,0.864407,9.752096,84.914742,81.810768

16.3728180,1.395614,9.590733,0.878764,9.731502,84.819077,81.720612

16.3753319,1.374078,9.600304,0.838086,9.734285,85.060928,81.854652

16.3778477,1.369293,9.562018,0.866800,9.698377,84.872299,81.850578

16.3803635,1.386042,9.547662,0.842872,9.684492,85.007050,81.740021

16.3828773,1.393221,9.540483,0.859622,9.679918,84.905159,81.691681

16.3853951,1.362114,9.526126,0.862014,9.661548,84.881195,81.862595

16.3879089,1.390828,9.523733,0.869193,9.663922,84.839729,81.691368

16.3904285,1.417448,9.497113,0.850050,9.639860,84.941040,81.511238

16.3929443,1.410270,9.487542,0.864407,9.630655,84.850441,81.545212

16.3954601,1.438984,9.470792,0.866800,9.618624,84.829674,81.360611

16.3979759,1.460519,9.516555,0.816551,9.662540,85.152336,81.274811

16.4004917,1.438984,9.451650,0.804587,9.594358,85.189507,81.343376

16.4030056,1.419841,9.492328,0.811765,9.632195,85.165596,81.492897

16.4055214,1.410270,9.518948,0.792623,9.655437,85.291245,81.572708

16.4080372,1.402792,9.528519,0.780658,9.662811,85.366028,81.625053

16.4105473,1.395614,9.533304,0.826122,9.670269,85.099304,81.671432

16.4130630,1.371686,9.511769,0.835693,9.646432,85.030098,81.793991

16.4155769,1.383650,9.554840,0.866800,9.693338,84.869629,81.760193

16.4180927,1.398007,9.554840,0.881157,9.696692,84.786232,81.675888

16.4206085,1.386042,9.547662,0.890728,9.688774,84.725121,81.740021

16.4231243,1.393221,9.617053,0.907478,9.759727,84.664825,81.756920

16.4256401,1.376471,9.617053,0.900300,9.756686,84.705490,81.854683

16.4281540,1.335793,9.638589,0.885943,9.770959,84.797791,82.109749

16.4306698,1.321436,9.672089,0.878764,9.801414,84.856133,82.220207

16.4331837,1.314258,9.674481,0.912264,9.805870,84.661919,82.263847

16.4356995,1.292722,9.703195,0.938585,9.833822,84.523094,82.411369

16.4382153,1.216152,9.657731,0.919442,9.777329,84.604034,82.822792

16.4407310,1.211366,9.684052,0.929013,9.803639,84.562370,82.869972

16.4432468,1.182653,9.719945,0.938585,9.836511,84.524597,83.062767

16.4457607,1.168296,9.688838,0.955334,9.805670,84.408989,83.124382

16.4482765,1.139582,9.712767,0.948156,9.825248,84.462227,83.308182

16.4507923,1.122533,9.724730,0.972084,9.837449,84.329079,83.415443

16.4533081,1.081855,9.751051,1.012762,9.863016,84.106323,83.669067

16.4558239,1.002892,9.739087,1.053739,9.847130,83.857025,84.120636

16.4583397,0.955035,9.717552,1.039382,9.819533,83.923950,84.387032

16.4608555,0.923929,9.753445,1.017847,9.849839,84.068672,84.588608

16.4633694,0.888036,9.722338,1.077667,9.822109,83.700912,84.781097

16.4658852,0.851845,9.722338,1.080060,9.819166,83.684967,84.992683

16.4684010,0.863809,9.698409,1.075275,9.795995,83.698128,84.910263

16.4709148,0.825524,9.710373,1.082453,9.805332,83.661949,85.140701

16.4734287,0.756132,9.679267,1.070489,9.767594,83.707977,85.533195

16.4759464,0.748953,9.676874,1.127917,9.771132,83.371368,85.574348

16.4784603,0.713061,9.703195,1.135095,9.795350,83.345558,85.797043

16.4809761,0.693919,9.652946,1.154238,9.746443,83.198692,85.888268

16.4834919,0.665205,9.681660,1.173380,9.775166,83.105766,86.069511

16.4860058,0.605384,9.719945,1.180559,9.810074,83.088188,86.436066

16.4885216,0.597907,9.751051,1.216451,9.844808,82.902237,86.491180

16.4910374,0.581157,9.736694,1.249951,9.833786,82.697510,86.584221

16.4935513,0.566800,9.741480,1.221237,9.834079,82.866356,86.670044

16.4960690,0.535693,9.770494,1.259522,9.865896,82.665359,86.861748

16.4985828,0.518943,9.808778,1.235594,9.899905,82.830292,86.971535

16.5010986,0.511765,9.823135,1.259522,9.916768,82.703194,87.017708

16.5036144,0.451944,9.827921,1.293321,9.922951,82.510971,87.367065

16.5061283,0.454337,9.820743,1.286142,9.915017,82.546783,87.351212

16.5086441,0.459123,9.839885,1.273879,9.932617,82.631401,87.328552

16.5111599,0.435195,9.849456,1.312463,9.946041,82.417229,87.470055

16.5136757,0.473480,9.830314,1.305285,9.927891,82.445076,87.242462

16.5161915,0.463908,9.839885,1.276272,9.933147,82.617882,87.300751

16.5187054,0.466301,9.885348,1.269093,9.977382,82.692352,87.299309

16.5212212,0.475873,9.899706,1.281057,9.993585,82.635101,87.247948

16.5237370,0.499801,9.904491,1.341177,10.007373,82.298111,87.111191

16.5262508,0.468694,9.892527,1.298106,9.988335,82.532593,87.287437

16.5287666,0.449552,9.906884,1.257129,9.996441,82.775490,87.401833

16.5312843,0.447159,9.906884,1.261915,9.996937,82.748199,87.415642

16.5337982,0.459123,9.906884,1.269093,9.998387,82.707787,87.346596

16.5363140,0.437587,9.916455,1.264308,10.006300,82.741211,87.473328

16.5388298,0.418445,9.894919,1.257129,9.983231,82.765877,87.578468

16.5413437,0.416052,9.873384,1.247558,9.960584,82.804840,87.587059

16.5438595,0.463908,9.935597,1.235594,10.022874,82.918709,87.326714

16.5463753,0.444766,9.897313,1.175773,9.976827,83.231941,87.426971

16.5488911,0.401695,9.937990,1.170988,10.014800,83.285294,87.685356

16.5514088,0.404088,9.942777,1.180559,10.020769,83.234200,87.672699

16.5539246,0.408874,9.949955,1.175773,10.027523,83.266319,87.646866

16.5564384,0.384945,9.966704,1.182952,10.044041,83.236206,87.788155

16.5589542,0.396909,9.949955,1.199701,10.029877,83.130241,87.715652

16.5614700,0.416052,9.935597,1.202094,10.016697,83.107376,87.602150

16.5639858,0.423230,9.937990,1.230808,10.022857,82.946266,87.561409

16.5665016,0.392124,9.959526,1.204487,10.039757,83.109528,87.745331

16.5690174,0.401695,9.954741,1.226022,10.037995,82.984482,87.689247

16.5715313,0.396909,9.930812,1.214058,10.012617,83.035583,87.711250

16.5740471,0.471087,9.906884,1.209273,9.991528,83.048462,87.277550

16.5765629,0.538086,9.842278,1.257129,9.936817,82.731903,86.870705

16.5790768,0.418445,9.952348,1.324427,10.048802,82.426407,87.592422

16.5815945,0.451944,9.954741,1.326820,10.052938,82.415787,87.400558

16.5841084,0.492622,9.916455,1.266701,10.009160,82.729485,87.156044

16.5866241,0.514158,9.870992,1.290928,9.968316,82.559120,87.018288

16.5891399,0.552443,9.787243,1.273879,9.885245,82.595894,86.769356

16.5916538,0.617348,9.743873,1.300499,9.849644,82.412788,86.374725

16.5941696,0.456730,10.004990,1.331606,10.103543,82.426613,87.386253

16.5966854,0.483051,9.935597,1.269093,10.027963,82.729408,87.216576

16.5992012,0.528515,9.854242,1.273879,9.950286,82.644554,86.929985

16.6017170,0.545264,9.897313,1.295713,9.996649,82.552666,86.846642

16.6042309,0.585942,9.854242,1.290928,9.955698,82.549637,86.597145

16.6067467,0.619741,9.866206,1.286142,9.968966,82.587349,86.405716

16.6092625,0.624527,9.873384,1.252344,9.972067,82.785454,86.380661

16.6117764,0.614955,9.894919,1.271486,9.995213,82.691628,86.443718

16.6142921,0.669990,9.875777,1.252344,9.977386,82.789322,86.118896

16.6168079,0.662812,9.875777,1.223630,9.973343,82.952621,86.160355

16.6193237,0.674776,9.847063,1.175773,9.939940,83.206703,86.079903

16.6218395,0.638884,9.856635,1.187737,9.948475,83.143166,86.291412

16.6243534,0.646062,9.892527,1.192523,9.985068,83.140755,86.263428

16.6268692,0.658026,9.870992,1.147059,9.959178,83.386215,86.186157

16.6293850,0.686740,9.882956,1.163809,9.974913,83.299835,86.025063

16.6318855,0.713061,9.882956,1.161416,9.976480,83.314728,85.873222

16.6343994,0.713061,9.866206,1.178166,9.961855,83.207863,85.866241

16.6369152,0.748953,9.827921,1.118345,9.919660,83.526695,85.642097

16.6394310,0.777667,9.839885,1.166202,9.939221,83.261772,85.481186

16.6419449,0.782453,9.849456,1.206880,9.953922,83.035942,85.457893

16.6444607,0.844666,9.830314,1.125524,9.930526,83.492126,85.088943

16.6469746,1.010070,9.600304,1.068096,9.712204,83.686150,83.993874

16.6494904,0.847059,9.928419,1.211666,10.037886,83.066963,85.123528

16.6520252,0.756132,10.053145,1.151845,10.147128,83.482056,85.698685

16.6545410,0.808774,9.990633,1.072882,10.080572,83.890404,85.371811

16.6570549,0.782453,9.993026,1.101596,10.083963,83.728355,85.522881

16.6595707,0.818345,9.971490,1.120738,10.067589,83.608505,85.308334

16.6620865,0.827917,9.959526,1.099203,10.054146,83.723404,85.248039

16.6646023,0.806381,9.911670,1.084846,10.003416,83.774170,85.348846

16.6671181,0.784846,9.926026,1.092024,10.016711,83.741158,85.479057

16.6696339,0.753739,9.949955,1.103989,10.039349,83.686638,85.667946

16.6721478,0.741775,9.926026,1.077667,10.011873,83.820770,85.726212

16.6746616,0.696311,9.930812,1.101596,10.015957,83.685600,85.989197

16.6771774,0.672383,9.973883,1.113560,10.058352,83.643753,86.143272

16.6796932,0.662812,9.964312,1.125524,10.049559,83.569534,86.194374

16.6822090,0.638884,9.983455,1.099203,10.064084,83.729622,86.338394

16.6847229,0.617348,9.981061,1.072882,10.057524,83.876350,86.460655

16.6872406,0.600299,9.978668,1.154238,10.063123,83.413689,86.557335

16.6897545,0.612563,9.969097,1.123131,10.050848,83.584091,86.483818

16.6922722,0.638884,9.942777,1.166202,10.031301,83.323906,86.323456

16.6947861,0.701097,9.882956,1.233201,9.984244,82.905006,85.942238

16.6973019,0.784846,9.825528,1.230808,9.933372,82.882393,85.433014

16.6998177,0.839881,9.823135,1.218844,9.934031,82.952408,85.113083

16.7023335,0.782453,9.861421,1.242772,9.970172,82.839516,85.463379

16.7048492,0.775275,9.916455,1.247558,10.024647,82.851059,85.529671

16.7073650,0.739382,9.952348,1.202094,10.051912,83.131638,85.751175

16.7098789,0.631705,10.024133,1.226022,10.118567,83.040619,86.394081

16.7123966,0.602991,10.072288,1.178166,10.158871,83.340187,86.573997

16.7149105,0.562014,10.081859,1.173380,10.165459,83.371681,86.809341

16.7174263,0.468694,10.089038,1.115953,10.161384,83.694893,87.340195

16.7199421,0.439980,10.077073,1.113560,10.147955,83.700111,87.499969

16.7224579,0.365803,10.041182,1.135095,10.111754,83.554672,87.913620

16.7249737,0.298505,10.069895,1.106381,10.134889,83.732780,88.302063

16.7274895,0.219541,10.074680,1.113560,10.138412,83.694153,88.751640

16.7300053,0.121436,9.990633,1.099203,10.051654,83.721840,89.303604

16.7325172,0.157328,10.021739,1.077667,10.080743,83.863152,89.100609

16.7350330,0.174078,10.009775,1.111167,10.072765,83.666580,89.003685

16.7375488,0.171685,9.961919,1.139881,10.028392,83.473351,89.012657

16.7400646,0.217149,9.902099,1.166202,9.972900,83.284637,88.743729

16.7425785,0.248255,9.882956,1.187737,9.957167,83.149178,88.561058

16.7450943,0.281755,9.878170,1.206880,9.955610,83.037132,88.366196

16.7476101,0.353839,9.839885,1.230808,9.922873,82.874825,87.940552

16.7501259,0.351446,9.875777,1.137488,9.947279,83.433769,87.961899

16.7526417,0.358624,9.935597,1.080060,10.000562,83.799965,87.932816

16.7551575,0.404088,9.911670,1.044168,9.974707,83.991180,87.665405

16.7576733,0.361017,9.940384,1.027418,9.999858,84.102837,87.920036

16.7601871,0.392124,9.942777,0.993620,9.999992,84.297562,87.741539

16.7627029,0.382553,9.928419,0.996012,9.985584,84.275513,87.793427

16.7652187,0.444766,9.861421,0.981655,9.920135,84.320953,87.417618

16.7677326,0.665205,9.485149,0.823729,9.544060,85.048752,85.988350

16.7702484,0.226720,10.045967,1.015454,10.099703,84.229561,88.707153

16.7727642,0.207577,10.105787,1.039382,10.161218,84.128998,88.823288

16.7752800,0.404088,9.870992,0.974477,9.927203,84.366646,87.655800

16.7777958,0.361017,9.847063,0.945763,9.898962,84.517502,87.900337

16.7803097,0.411266,9.775279,0.981655,9.833050,84.270493,87.590866

16.7828255,0.475873,9.650553,0.984048,9.712259,84.184799,87.177010

16.7853413,0.641276,9.451650,0.902692,9.516290,84.556877,86.118538

16.7878551,0.701097,9.382257,0.888335,9.450261,84.606171,85.726471

16.7903709,0.384945,9.792028,1.048954,9.855573,83.890289,87.748741

16.7928905,0.499801,9.686445,1.005584,9.751319,84.080971,87.046272

16.7954063,0.550050,9.545269,0.962513,9.609430,84.251419,86.701958

16.7979221,0.538086,9.466006,0.914656,9.525304,84.489746,86.746574

16.8004360,0.528515,9.382257,0.881157,9.438354,84.643112,86.775864

16.8029518,0.521336,9.320045,0.900300,9.377930,84.491013,86.798378

16.8054676,0.473480,9.250652,0.931406,9.309472,84.257988,87.069962

16.8079834,0.483051,9.183354,0.931406,9.243097,84.216614,86.988976

16.8104992,0.715454,8.716455,0.775873,8.780116,84.930328,85.307632

16.8130112,0.432802,8.946166,0.900300,9.001763,84.260040,87.230278

16.8155270,0.152542,9.284152,1.053739,9.345005,83.525581,89.058693

16.8180428,0.284148,9.101998,1.020240,9.163405,83.607521,88.211914

16.8205566,0.361017,8.989535,1.015454,9.053906,83.560356,87.700256

16.8230724,0.418445,8.941380,0.986441,9.005356,83.711235,87.320587

16.8255882,0.411266,8.900702,0.943370,8.960000,83.956306,87.354469

16.8281040,0.423230,8.903095,0.972084,8.966002,83.775818,87.278351

16.8306198,0.497408,8.919845,1.099203,9.001071,82.985580,86.808250

16.8331356,0.612563,8.922237,1.080060,9.008224,83.113831,86.072479

16.8356495,0.681954,8.977571,1.025025,9.061596,83.504944,85.656036

16.8381653,0.765703,9.054142,0.964906,9.137550,83.938385,85.166031

16.8406811,0.823131,9.133105,0.850050,9.209437,84.703941,84.850067

16.8431969,0.839881,9.171391,0.679861,9.234826,85.778107,84.767670

16.8457127,0.921536,9.262616,0.565005,9.325477,86.526474,84.318352

16.8482285,0.998106,9.327223,0.502792,9.393940,86.931892,83.892021

16.8507423,1.069891,9.379865,0.390030,9.448738,87.634239,83.492821

16.8532600,1.127319,9.444471,0.287139,9.515846,88.270851,83.193222

16.8557758,1.182653,9.492328,0.162413,9.567096,89.027290,82.898094

16.8582916,1.228116,9.552447,0.073878,9.631354,89.560501,82.673920

16.8608074,1.280758,9.612267,-0.000299,9.697217,90.001770,82.410492

16.8633213,1.311865,9.657731,-0.058026,9.746595,90.341110,82.264534

16.8658371,1.424627,9.672089,-0.086740,9.776829,90.508331,81.621002

16.8683529,1.438984,9.719945,-0.074776,9.826169,90.436020,81.578850

16.8708687,1.470090,9.796814,-0.108275,9.907091,90.626205,81.465981

16.8733807,1.498804,9.827921,-0.081954,9.941889,90.472313,81.328934

16.8758965,1.529911,9.873384,-0.055334,9.991366,90.317314,81.191895

16.8784122,1.570589,9.890134,-0.007478,10.014068,90.042786,80.976570

16.8809280,1.580160,9.861421,0.052343,9.987355,89.699715,80.896507

16.8834438,1.572982,9.861421,0.186341,9.987823,88.930984,80.937172

16.8859577,1.515554,9.835099,0.284746,9.955258,88.360970,81.239830

16.8884735,1.477269,9.765409,0.442672,9.886430,87.433678,81.397766

16.8909893,1.390828,9.696016,0.569791,9.811819,86.670853,81.836990

16.8935051,1.319044,9.583553,0.737288,9.701957,85.641678,82.163269

16.8960209,1.211366,9.494720,0.912264,9.615058,84.555664,82.729301

16.8985367,1.077069,9.399008,1.068096,9.520623,83.558563,83.462769

16.9010525,0.900000,9.329616,1.199701,9.449392,82.706001,84.489899

16.9035664,0.717847,9.253045,1.326820,9.375212,81.863937,85.563904

16.9060822,0.566800,9.149855,1.487139,9.287232,80.785713,86.455269

16.9085979,0.368196,9.094820,1.587937,9.239743,80.104050,87.681702

16.9111137,0.135793,9.085249,1.662114,9.237035,79.633720,89.143692

16.9136276,-0.046361,9.063713,1.772184,9.235458,78.936943,90.293068

16.9161434,-0.204586,9.068499,1.868196,9.261192,78.362259,91.292381

16.9186592,-0.384048,9.039784,1.920838,9.249585,78.014305,92.432701

16.9211750,-0.539881,8.922237,1.916053,9.141611,77.901276,93.462723

16.9236889,-0.635594,8.206185,1.717149,8.407975,78.215652,94.428886

16.9262047,-0.908674,9.255438,2.134099,9.541656,77.075829,95.607178

16.9287205,-1.222433,9.835099,2.306382,10.175604,76.899605,97.085121

16.9312363,-1.275374,9.741480,2.177170,10.062956,77.504974,97.458855

16.9337521,-1.325624,9.739087,2.146063,10.060452,77.683205,97.751106

16.9362679,-1.383052,9.753445,2.160420,10.085135,77.630333,98.070808

16.9387836,-1.349552,9.755837,2.066801,10.063266,78.148216,97.875900

16.9412975,-1.366302,9.760623,2.054837,10.067716,78.223091,97.968544

16.9438133,-1.356730,9.707980,2.009373,10.006157,78.415459,97.955795

16.9463291,-1.349552,9.717552,2.028515,10.018332,78.317963,97.906540

16.9488449,-1.392623,9.700802,2.078765,10.018294,78.024300,98.169426

16.9513607,-1.277767,8.831310,1.880160,9.119196,78.101646,98.232765

16.9538746,-1.011865,8.917452,2.134099,9.224922,76.623993,96.473671

16.9563904,-1.366302,9.676874,2.189134,10.015038,77.374084,98.036613

16.9589062,-1.567598,10.060324,2.373680,10.454752,76.876945,98.856598

16.9614201,-1.488336,10.175179,2.593820,10.605533,75.843437,98.321709

16.9639359,-1.232005,9.835099,2.598605,10.246940,75.309464,97.140030

16.9664516,-0.920639,9.564411,2.605784,9.955684,74.826767,95.498161

16.9689674,-0.728914,9.355937,2.651546,9.751696,74.222275,94.454872

16.9714832,-0.609272,9.216854,2.651546,9.610011,73.983452,93.781990

16.9739971,-0.563809,8.991928,2.665904,9.395727,73.516708,93.587845

16.9765129,-0.489631,8.548658,2.644368,8.961696,72.837997,93.278084

16.9790287,-0.202194,7.528119,2.615355,7.972048,70.848587,91.538506

16.9815445,-0.281157,8.361719,2.946163,8.870021,70.600777,91.925804

16.9840603,-0.463011,8.737990,3.032305,9.260763,70.886795,93.033173

16.9865761,-0.551845,9.145069,3.106482,9.674040,71.269615,93.453239

16.9890900,-0.515952,9.427721,3.228815,9.978646,71.120888,93.132507

16.9916058,-0.250050,9.456435,3.207280,9.988660,71.271019,91.514679

16.9941235,-0.075075,9.526126,3.046661,10.001742,72.265114,90.451538

16.9966412,0.162114,9.492328,2.912663,9.930468,72.944031,89.021576

16.9991570,0.411266,9.545269,2.819044,9.961341,73.560753,87.532883

17.0016708,0.597907,9.693624,2.658725,10.069391,74.690063,86.470444

17.0041866,0.708275,9.880563,2.524428,10.222520,75.703033,85.899841

17.0067024,0.780060,10.139287,2.351846,10.437663,76.978127,85.600647

17.0092182,0.832702,10.393225,2.134099,10.642692,78.432487,85.419266

17.0117321,0.839881,10.532009,1.894517,10.733956,79.834183,85.440567

17.0142460,0.878465,10.697412,1.616651,10.854487,81.434586,85.305443

17.0167618,0.885643,10.831410,1.369891,10.953557,82.815575,85.325539

17.0192776,0.861416,10.893924,1.115953,10.984760,84.169205,85.478851

17.0217915,0.856631,10.850852,0.909871,10.922576,85.221619,85.486092

17.0243073,0.897608,10.721341,0.737288,10.784083,86.079735,85.214264

17.0268230,0.820738,10.673485,0.600898,10.721846,86.787216,85.602890

17.0293369,0.729811,10.632807,0.603290,10.674885,86.760208,86.073509

17.0318527,0.696311,10.426724,0.694218,10.472983,86.199272,86.179382

17.0343666,0.667598,10.215858,0.739681,10.264335,85.867500,86.261086

17.0368805,0.641276,9.978668,0.847657,10.035117,85.154503,86.322960

17.0393963,0.571586,9.731909,0.988834,9.798702,84.208153,86.638702

17.0419121,0.518943,9.475577,1.103989,9.553777,83.364349,86.865250

17.0444279,0.456730,9.355937,1.276272,9.453625,82.241180,87.205200

17.0469437,0.463908,9.044571,1.389034,9.162362,81.280220,87.063797

17.0494576,0.497408,8.757133,1.508675,8.900049,80.240494,86.749077

17.0519733,0.123829,9.425328,1.671686,9.573227,79.943398,89.247299

17.0544891,-0.077468,9.530911,1.861018,9.711213,78.951729,90.465691

17.0570049,0.111864,8.994321,1.889732,9.191377,78.135475,89.287437

17.0595188,0.281755,8.716455,1.973480,8.941509,77.249260,88.148590

17.0620346,-0.055932,9.660124,1.939981,9.853154,78.644882,90.331741

17.0645504,-0.156431,9.466006,2.038087,9.684190,77.850983,90.946754

17.0670662,0.121436,8.907881,2.042872,9.139935,77.084686,89.218971

17.0695801,-0.070289,9.935597,2.076372,10.150486,78.196320,90.405334

17.0720959,-0.154038,9.707980,2.016551,9.916405,78.266777,90.909042

17.0746117,0.104686,9.353543,2.035694,9.573075,77.722435,89.358765

17.0771275,-0.036790,10.326226,2.050051,10.527821,78.771225,90.204132

17.0796432,0.008674,9.691231,1.923231,9.880225,78.775452,89.948715

17.0821571,0.121436,9.921241,1.980659,10.117746,78.710823,89.298737

17.0846729,0.008674,10.666306,1.990230,10.850400,79.430702,89.953407

17.0871887,0.114257,9.954741,1.884946,10.132272,79.278587,89.342407

17.0897026,0.305683,10.177572,1.916053,10.360872,79.342857,88.279640

17.0922203,0.195613,10.929815,1.908874,11.096978,80.094856,88.974678

17.0947323,0.195613,10.721341,1.908874,10.891705,79.906242,88.954742

17.0972481,0.389731,10.548759,1.846661,10.716266,80.077080,87.884132

17.0997620,0.585942,10.412368,1.767399,10.577543,80.381348,86.779152

17.1022778,0.727418,10.282856,1.755435,10.456950,80.335854,85.953590

17.1047935,0.799203,10.177572,1.772184,10.361580,80.152046,85.510010

17.1073074,0.873679,10.101002,1.774577,10.292846,80.072098,85.056541

17.1098232,0.976571,9.947562,1.776970,10.152108,79.919327,84.393135

17.1123390,1.017249,9.926026,1.805684,10.140083,79.742416,84.148582

17.1148510,1.077069,9.885348,1.810469,10.107324,79.681229,83.781799

17.1173668,1.112962,9.782457,1.820340,10.012432,79.524918,83.509300

17.1198826,1.139582,9.729516,1.829911,9.965475,79.419022,83.319595

17.1223984,1.112962,9.636196,1.844268,9.874021,79.235077,83.411644

17.1249123,1.110569,9.547662,1.872982,9.792817,78.973625,83.365265

17.1274281,1.120140,9.499506,1.803291,9.733817,79.323685,83.274986

17.1299419,1.146760,9.461221,1.810469,9.700905,79.243881,83.089096

17.1324577,1.112962,9.396614,1.772184,9.626821,79.392021,83.245193

17.1349716,1.108176,9.336794,1.750649,9.563919,79.452698,83.231277

17.1374874,1.108176,9.276974,1.743470,9.504209,79.429695,83.188042

17.1400032,1.053141,9.267402,1.705185,9.481640,79.639519,83.516762

17.1425190,1.012463,9.236296,1.633401,9.434099,80.029686,83.744331

17.1450329,1.036391,9.224032,1.583151,9.416117,80.320770,83.589264

17.1475487,0.938286,9.142676,1.511068,9.314088,80.663376,84.140419

17.1500645,0.928714,9.157033,1.451247,9.317719,81.039627,84.208817

17.1525784,0.861416,9.145069,1.398605,9.291416,81.342560,84.618927

17.1550980,0.842274,9.128320,1.333999,9.263649,81.720413,84.728226

17.1576118,0.801596,9.125926,1.276272,9.249537,82.068893,84.980186

17.1601276,0.736989,9.121140,1.271486,9.238779,82.089569,85.380531

17.1626434,0.681954,9.159426,1.161416,9.257917,82.793190,85.741966

17.1651573,0.660419,9.159426,1.106381,9.249612,83.130188,85.875961

17.1676731,0.585942,9.212068,1.089632,9.294773,83.267700,86.360550

17.1701889,0.528515,9.262616,0.998405,9.331248,83.857826,86.734306

17.1727047,0.499801,9.305687,0.948156,9.367209,84.190529,86.925644

17.1752186,0.478265,9.355937,0.854836,9.407074,84.786247,87.073647

17.1777344,0.425623,9.425328,0.850050,9.473149,84.851776,87.414429

17.1802483,0.432802,9.475577,0.835693,9.522199,84.965096,87.384804

17.1827641,0.430409,9.564411,0.818944,9.609052,85.110962,87.423363

17.1852798,0.394517,9.619446,0.787837,9.659714,85.321815,87.651482

17.1877937,0.425623,9.693624,0.756730,9.732427,85.540550,87.485901

17.1903095,0.399302,9.784850,0.754337,9.822003,85.595306,87.663155

17.1928234,0.389731,9.866206,0.799801,9.906240,85.369064,87.737900

17.1953411,0.418445,9.914063,0.818944,9.956626,85.282028,87.583138

17.1978569,0.418445,10.002597,0.838086,10.046364,85.214722,87.604507

17.2003708,0.380160,10.081859,0.878764,10.127222,85.022041,87.840553

17.2028866,0.387338,10.127323,0.914656,10.175918,84.843040,87.809685

17.2054005,0.380160,10.165607,0.974477,10.219281,84.528152,87.858330

17.2079182,0.404088,10.203893,1.010369,10.261752,84.349518,87.732193

17.2104340,0.387338,10.227821,1.027418,10.286591,84.267776,87.831184

17.2129478,0.351446,10.309476,1.108774,10.374883,83.865028,88.047569

17.2154465,0.344267,10.311870,1.149452,10.381446,83.643074,88.087860

17.2179623,0.317647,10.354940,1.173380,10.426050,83.538063,88.242950

17.2204762,0.300897,10.359726,1.235594,10.437488,83.201363,88.336319

17.2229919,0.317647,10.359726,1.228415,10.437137,83.240814,88.243759

17.2255058,0.279362,10.374083,1.281057,10.456612,82.962914,88.457466

17.2280216,0.291326,10.388439,1.281057,10.471182,82.972755,88.393661

17.2305355,0.269791,10.412368,1.305285,10.497331,82.857101,88.515762

17.2330513,0.279362,10.419546,1.372284,10.513237,82.499832,88.464188

17.2355862,0.286541,10.412368,1.396212,10.509468,82.365524,88.423660

17.2381020,0.276969,10.412368,1.384248,10.507628,82.430000,88.476288

17.2406158,0.279362,10.359726,1.448854,10.464279,82.041420,88.455330

17.2431316,0.303290,10.285249,1.448854,10.391222,81.985100,88.310959

17.2456455,0.281755,10.223036,1.499103,10.336206,81.660744,88.421280

17.2481632,0.315254,10.158429,1.537389,10.278941,81.398178,88.222466

17.2506790,0.317647,10.112966,1.503889,10.229108,81.545700,88.200935

17.2531929,0.334696,10.000204,1.561616,10.126932,81.129356,88.083084

17.2557087,0.346660,9.887741,1.571187,10.017796,80.976494,87.992058

17.2582226,0.370588,9.827921,1.544567,9.955454,81.074631,87.840530

17.2607384,0.404088,9.760623,1.503889,9.884064,81.248291,87.629318

17.2632542,0.444766,9.717552,1.537389,9.848462,81.019142,87.379440

17.2657700,0.459123,9.724730,1.520639,9.853604,81.122459,87.296967

17.2682858,0.447159,9.650553,1.494318,9.775792,81.207352,87.347092

17.2707996,0.490230,9.624231,1.499103,9.752614,81.157837,87.084045

17.2733154,0.475873,9.607482,1.506282,9.736481,81.100311,87.164375

17.2758312,0.499801,9.593125,1.479961,9.719472,81.241638,87.017593

17.2783470,0.502194,9.554840,1.508675,9.686241,81.039452,86.991356

17.2808609,0.509372,9.552447,1.475175,9.679093,81.233475,86.947670

17.2833767,0.478265,9.506984,1.487139,9.634473,81.120544,87.120064

17.2858925,0.540479,9.497113,1.448854,9.622186,81.339790,86.742821

17.2884083,0.530908,9.494720,1.424926,9.615716,81.478111,86.799576

17.2909241,0.535693,9.526126,1.415355,9.645583,81.562180,86.781410

17.2934380,0.545264,9.502198,1.408176,9.621437,81.584061,86.715797

17.2959557,0.552443,9.485149,1.331606,9.594083,82.021904,86.666695

17.2984695,0.554836,9.521340,1.300499,9.625751,82.235237,86.664986

17.3009872,0.557229,9.511769,1.324427,9.619686,82.086449,86.647270

17.3035030,0.542872,9.499506,1.300499,9.603469,82.217110,86.729256

17.3060169,0.562014,9.550055,1.257129,9.648823,82.513748,86.632065

17.3085327,0.614955,9.550055,1.278665,9.654880,82.389549,86.315643

17.3110485,0.605384,9.578768,1.249951,9.678928,82.580017,86.383682

17.3135643,0.643669,9.626625,1.228415,9.726007,82.744041,86.174698

17.3160763,0.626920,9.660124,1.194916,9.753915,82.963234,86.286842

17.3185921,0.658026,9.722338,1.173380,9.814972,83.133865,86.128021

17.3211079,0.665205,9.743873,1.159024,9.835085,83.232208,86.094536

17.3236237,0.696311,9.770494,1.168595,9.864736,83.196663,85.923607

17.3261395,0.710668,9.835099,1.144667,9.926958,83.378555,85.867081

17.3286533,0.698704,9.875777,1.103989,9.961824,83.637299,85.953110

17.3311691,0.705883,9.887741,1.068096,9.970282,83.850220,85.916603

17.3336849,0.722632,9.923634,1.063311,10.006564,83.900162,85.835114

17.3361988,0.717847,9.899706,1.068096,9.983001,83.858086,85.852631

17.3387127,0.763310,9.918848,1.082453,10.006892,83.790123,85.599442

17.3412304,0.784846,9.902099,1.077667,9.991442,83.808083,85.468178

17.3437462,0.760918,9.882956,1.010369,9.963566,84.179840,85.597313

17.3462601,0.794417,9.887741,1.007977,9.970684,84.197830,85.406517

17.3487759,0.820738,9.854242,0.979263,9.936733,84.344337,85.238953

17.3512897,0.792024,9.851849,0.969691,9.931088,84.396599,85.403679

17.3538055,0.765703,9.904491,0.986441,9.982902,84.329170,85.579330

17.3563175,0.744168,9.847063,0.974477,9.923107,84.364311,85.678223

17.3588352,0.756132,9.818350,0.962513,9.894350,84.417496,85.596222

17.3613510,0.746561,9.825528,0.998405,9.904300,84.214462,85.654915

17.3638649,0.722632,9.832706,0.986441,9.908450,84.286423,85.796730

17.3663807,0.713061,9.837492,1.020240,9.915926,84.094444,85.854218

17.3688946,0.717847,9.763016,1.058525,9.846434,83.828583,85.794769

17.3714104,0.703490,9.743873,1.096810,9.830613,83.594124,85.870514

17.3739262,0.679562,9.731909,1.065703,9.813643,83.765724,86.005623

17.3764420,0.660419,9.722338,1.077667,9.804151,83.689323,86.113983

17.3789577,0.674776,9.731909,1.044168,9.810997,83.890533,86.033661

17.3814735,0.729811,9.724730,1.084846,9.812232,83.652367,85.708176

17.3839893,0.722632,9.684052,1.132702,9.776814,83.347000,85.732445

17.3865032,0.748953,9.705587,1.149452,9.802071,83.265640,85.587387

17.3890190,0.748953,9.686445,1.197309,9.788856,82.974365,85.578705

17.3915329,0.720240,9.614660,1.161416,9.711299,83.131310,85.715942

17.3940487,0.741775,9.645767,1.142274,9.741449,83.266052,85.602516

17.3965664,0.751346,9.676874,1.163809,9.775524,83.162529,85.560265

17.3990803,0.751346,9.672089,1.209273,9.776306,82.894646,85.558075

17.4015980,0.756132,9.667302,1.249951,9.777058,82.654900,85.527695

17.4041119,0.756132,9.595518,1.259522,9.707322,82.544868,85.494370

17.4066277,0.746561,9.571589,1.324427,9.691583,82.145523,85.540100

17.4091415,0.736989,9.542876,1.333999,9.663808,82.065514,85.583855

17.4116573,0.756132,9.545269,1.322034,9.666006,82.138931,85.470749

17.4141731,0.720240,9.504591,1.336391,9.625068,82.018990,85.666519

17.4166870,0.684347,9.514162,1.353141,9.634241,81.926041,85.885841

17.4192028,0.641276,9.547662,1.365105,9.666054,81.881165,86.157455

17.4217186,0.655633,9.489935,1.362713,9.609668,81.847610,86.047874

17.4242344,0.655633,9.497113,1.372284,9.618117,81.797218,86.050850

17.4267483,0.631705,9.530911,1.322034,9.642878,82.119957,86.208000

17.4292641,0.595514,9.578768,1.345963,9.691184,82.016655,86.442490

17.4317780,0.576371,9.559626,1.338784,9.670108,82.042091,86.549690

17.4342937,0.550050,9.576375,1.331606,9.684146,82.096581,86.712646

17.4368095,0.504586,9.581161,1.281057,9.679585,82.394798,86.985336

17.4393234,0.518943,9.602696,1.300499,9.704246,82.298424,86.906662

17.4418392,0.485444,9.595518,1.273879,9.691873,82.447311,87.103836

17.4443531,0.428016,9.645767,1.271486,9.738619,82.497971,87.459251

17.4468708,0.408874,9.648160,1.228415,9.734637,82.750511,87.573349

17.4493847,0.416052,9.643374,1.211666,9.728098,82.845047,87.529572

17.4519005,0.387338,9.648160,1.211666,9.731657,82.847679,87.701019

17.4544163,0.392124,9.650553,1.194916,9.732151,82.947418,87.673225

17.4569187,0.416052,9.655338,1.154238,9.732981,83.189247,87.532631

17.4594326,0.356231,9.698409,1.147059,9.772501,83.259300,87.896416

17.4619484,0.361017,9.693624,1.103989,9.762963,83.507149,87.867134

17.4644623,0.327219,9.674481,1.137488,9.746616,83.297966,88.062836

17.4669781,0.332004,9.693624,1.137488,9.765779,83.311180,88.038399

17.4694920,0.346660,9.684052,1.127917,9.755677,83.360817,87.949860

17.4720078,0.320040,9.691231,1.163809,9.766107,83.155899,88.108574

17.4745235,0.303290,9.705587,1.151845,9.778402,83.235146,88.210144

17.4770527,0.308076,9.693624,1.147059,9.766114,83.254868,88.179680

17.4795666,0.312862,9.719945,1.159024,9.793802,83.203545,88.156425

17.4820824,0.300897,9.734302,1.202094,9.812859,82.963478,88.229492

17.4845982,0.284148,9.717552,1.202094,9.795744,82.951126,88.325111

17.4871140,0.284148,9.705587,1.206880,9.784464,82.914719,88.323044

17.4896278,0.262612,9.722338,1.254736,9.806486,82.648872,88.452744

17.4921436,0.255434,9.746265,1.300499,9.835967,82.402176,88.498711

17.4946594,0.241077,9.731909,1.298106,9.821062,82.404663,88.580971

17.4971752,0.248255,9.758230,1.319642,9.850185,82.300865,88.542671

17.4996910,0.164507,9.751051,1.355534,9.846193,82.086906,89.033478

17.5022049,0.202792,9.799207,1.374677,9.897238,82.016090,88.814453

17.5047207,0.164507,9.813564,1.365105,9.909421,82.081848,89.039627

17.5072346,0.107079,9.813564,1.329213,9.903753,82.286880,89.374855

17.5097523,0.121436,9.839885,1.331606,9.930320,82.293709,89.292938

17.5122681,0.119043,9.815957,1.322034,9.905299,82.329994,89.305183

17.5147820,0.090329,9.844670,1.336391,9.935372,82.269806,89.474304

17.5172977,0.095115,9.859028,1.360320,9.952887,82.144463,89.447258

17.5198116,0.097508,9.844670,1.288535,9.929117,82.543503,89.432526

17.5223274,0.063709,9.835099,1.273879,9.917459,82.620079,89.628860

17.5248413,0.080758,9.849456,1.259522,9.929990,82.712959,89.530228

17.5273590,0.066102,9.863813,1.286142,9.947530,82.571281,89.616043

17.5298748,0.080758,9.887741,1.290928,9.971983,82.561874,89.532051

17.5323887,0.063709,9.887741,1.247558,9.966338,82.809013,89.630836

17.5349045,0.032602,9.897313,1.257129,9.976886,82.761253,89.811264

17.5374203,-0.000897,9.866206,1.233201,9.942978,82.875412,90.005211

17.5399361,-0.000897,9.863813,1.254736,9.943298,82.750565,90.005211

17.5424500,-0.015254,9.878170,1.233201,9.954861,82.883957,90.088478

17.5449657,-0.015254,9.878170,1.230808,9.954564,82.897629,90.088478

17.5474815,-0.017647,9.830314,1.283749,9.913798,82.559807,90.102852

17.5499973,-0.041575,9.823135,1.295713,9.908309,82.485886,90.242493

17.5525131,-0.075075,9.825528,1.305285,9.912134,82.432999,90.437775

17.5550270,-0.046361,9.751051,1.307678,9.838453,82.361931,90.272408

17.5575428,-0.039182,9.727123,1.319642,9.816309,82.274132,90.230797

17.5600567,-0.055932,9.777672,1.319642,9.866481,82.313652,90.327751

17.5625744,-0.091825,9.753445,1.305285,9.840827,82.377838,90.539398

17.5650902,-0.120538,9.724730,1.312463,9.813637,82.314308,90.710144

17.5676041,-0.122931,9.729516,1.341177,9.822289,82.152077,90.723885

17.5701199,-0.134895,9.731909,1.389034,9.831463,81.877815,90.794136

17.5726337,-0.139681,9.719945,1.362713,9.815999,82.020103,90.823318

17.5751514,-0.137288,9.736694,1.305285,9.824756,82.365295,90.807823

17.5776653,-0.122931,9.760623,1.322034,9.850515,82.287079,90.721581

17.5801811,-0.094217,9.765409,1.286142,9.850190,82.497452,90.552780

17.5826950,-0.096610,9.780065,1.278665,9.863771,82.551651,90.565964

17.5852108,-0.075075,9.780065,1.252344,9.860207,82.703163,90.439812

17.5877266,-0.106182,9.787243,1.230808,9.864902,82.832733,90.621574

17.5902424,-0.154038,9.801600,1.170988,9.872502,83.188049,90.900360

17.5927582,-0.175573,9.837492,1.142274,9.905143,83.377846,91.022469

17.5952721,-0.149252,9.842278,1.170988,9.912816,83.215889,90.868790

17.5977879,-0.144467,9.863813,1.132702,9.929688,83.449883,90.839104

17.6003017,-0.130110,9.868599,1.139881,9.935064,83.411766,90.755356

17.6028175,-0.168395,9.887741,1.106381,9.950872,83.616409,90.975693

17.6053333,-0.139681,9.897313,1.115953,9.961007,83.567528,90.808563

17.6078491,-0.108574,9.890134,1.099203,9.951622,83.658478,90.628967

17.6103649,-0.142074,9.899706,1.075275,9.958944,83.801651,90.822212

17.6128788,-0.122931,9.933205,1.072882,9.991734,83.835869,90.709045

17.6153946,-0.101396,9.945169,1.103989,10.006771,83.666000,90.584137

17.6179142,-0.084646,9.935597,1.077667,9.994229,83.809822,90.488121

17.6204281,-0.118146,9.997811,1.075275,10.056163,83.861801,90.677040

17.6229439,-0.094217,9.993026,1.094417,10.053218,83.750259,90.540184

17.6254578,-0.055932,10.002597,1.087239,10.061667,83.796646,90.320381

17.6279736,0.020638,10.036395,1.060918,10.092334,83.965851,89.882179

17.6304893,0.008674,10.014561,1.022633,10.066642,84.169479,89.950371

17.6330051,0.003888,10.060324,1.007977,10.110695,84.278442,89.977852

17.6355209,0.080758,10.060324,1.010369,10.111255,84.265137,89.540077

17.6380348,0.083151,10.091431,0.924228,10.134007,84.767319,89.527908

17.6405506,0.099900,10.081859,0.972084,10.129107,84.492882,89.432281

17.6430664,0.109472,10.065109,0.969691,10.112305,84.497322,89.376854

17.6455822,0.109472,10.065109,0.957727,10.111165,84.564812,89.376854

17.6480961,0.104686,10.053145,0.988834,10.102201,84.382721,89.403389

17.6506119,0.131007,10.038788,0.969691,10.086364,84.483131,89.252327

17.6531296,0.169292,10.019346,0.974477,10.068047,84.445702,89.031990

17.6556435,0.190828,9.976275,1.029811,10.031101,84.107529,88.904175

17.6581612,0.207577,9.897313,1.000798,9.949949,84.227242,88.798508

17.6606750,0.224327,9.878170,1.000798,9.931272,84.216347,88.699074

17.6631908,0.224327,9.837492,1.010369,9.891785,84.137451,88.693695

17.6657066,0.178863,9.842278,0.984048,9.892966,84.291374,88.958878

17.6682224,0.142971,9.784850,0.969691,9.833821,84.340996,89.162880

17.6707382,0.152542,9.770494,0.974477,9.820153,84.305031,89.105537

17.6732521,0.159721,9.724730,1.032204,9.780662,83.942001,89.059044

17.6757698,0.169292,9.736694,1.051346,9.794754,83.838135,89.003899

17.6782818,0.135793,9.700802,1.058525,9.759328,83.773285,89.198021

17.6807995,0.087936,9.700802,1.099203,9.763275,83.535622,89.480637

17.6833134,0.097508,9.679267,1.103989,9.742510,83.493462,89.422829

17.6858292,0.080758,9.638589,1.106381,9.702216,83.452095,89.519951

17.6883450,0.087936,9.619446,1.123131,9.685189,83.340782,89.476242

17.6908588,0.075972,9.617053,1.089632,9.678884,83.536041,89.547386

17.6933765,0.073579,9.602696,1.092024,9.664870,83.512352,89.560989

17.6958904,0.068794,9.640982,1.087239,9.702337,83.565948,89.591171

17.6983910,0.025424,9.688838,1.084846,9.749416,83.611298,89.849655

17.7009068,0.027817,9.681660,1.020240,9.735307,83.984474,89.835381

17.7034206,0.008674,9.717552,0.988834,9.767737,84.189728,89.948860

17.7059364,-0.043968,9.765409,0.979263,9.814484,84.273651,90.257965

17.7084522,-0.084646,9.770494,0.909871,9.813132,84.679909,90.496368

17.7109661,-0.125324,9.794421,0.895514,9.836074,84.776337,90.733086

17.7134819,-0.130110,9.854242,0.893121,9.895489,84.821701,90.756454

17.7159958,-0.127717,9.839885,0.835693,9.876134,85.145973,90.743629

17.7185268,-0.154038,9.916455,0.828515,9.952198,85.224632,90.889938

17.7210445,-0.168395,9.961919,0.783051,9.994066,85.506180,90.968430

17.7235603,-0.161216,9.942777,0.744467,9.971912,85.718521,90.928940

17.7260742,-0.158824,9.981061,0.797408,10.014123,85.432793,90.911644

17.7285900,-0.189930,9.993026,0.840479,10.030107,85.193230,91.088852

17.7311058,-0.173181,9.973883,0.840479,10.010731,85.183899,90.994751

17.7336216,-0.144467,9.973883,0.881157,10.013773,84.951759,90.829842

17.7361355,-0.154038,9.959526,0.838086,9.995913,85.190514,90.886086

17.7386513,-0.120538,9.885348,0.869193,9.924219,84.975426,90.698608

17.7411652,-0.161216,9.875777,0.869193,9.915264,84.970879,90.935234

17.7436810,-0.142074,9.933205,0.871586,9.972382,84.985954,90.819443

17.7461967,-0.132503,9.937990,0.900300,9.979567,84.824066,90.763878

17.7487125,-0.110967,9.892527,0.866800,9.931049,84.992752,90.642677

17.7512283,-0.115753,9.959526,0.881157,9.999100,84.944328,90.665878

17.7537422,-0.113360,9.978668,0.885943,10.018561,84.926697,90.650864

17.7562580,-0.089432,9.949955,0.833300,9.985188,85.212891,90.514969

17.7587700,-0.094217,9.937990,0.862014,9.975751,85.042831,90.543175

17.7612877,-0.149252,9.918848,0.845265,9.955917,85.129684,90.862083

17.7638035,-0.122931,9.892527,0.833300,9.928323,85.185410,90.711960

17.7663174,-0.041575,9.880563,0.864407,9.918389,85.000214,90.241089

17.7688332,-0.082253,9.894919,0.840479,9.930891,85.145088,90.476273

17.7713470,-0.060718,9.894919,0.845265,9.931142,85.117508,90.351578

17.7738647,-0.003290,9.835099,0.852443,9.871973,85.046349,90.019165

17.7763786,0.046959,9.825528,0.876371,9.864646,84.903145,89.726166

17.7788944,0.075972,9.777672,0.900300,9.819327,84.739365,89.554825

17.7814102,0.114257,9.763016,0.876371,9.802937,84.870972,89.329491

17.7839260,0.183649,9.765409,0.919442,9.810316,84.622238,88.922615

17.7864418,0.198006,9.679267,0.943370,9.727146,84.434517,88.828079

17.7889557,0.243470,9.624231,0.933799,9.672491,84.459938,88.550865

17.7914715,0.286541,9.590733,0.952942,9.642218,84.328194,88.288696

17.7939854,0.284148,9.576375,0.972084,9.629779,84.206375,88.300430

17.7965031,0.312862,9.468399,0.986441,9.524785,84.055466,88.107483

17.7990208,0.370588,9.427721,0.993620,9.487178,83.988220,87.748955

17.8015347,0.358624,9.401401,0.984048,9.459560,84.028900,87.815460

17.8040504,0.372981,9.387043,1.048954,9.452830,83.628929,87.724625

17.8065643,0.406481,9.396614,1.072882,9.466396,83.492355,87.523033

17.8090801,0.392124,9.377472,1.058525,9.445169,83.565315,87.605545

17.8115959,0.423230,9.358330,1.084846,9.430501,83.394302,87.410561

17.8141117,0.432802,9.317652,1.082453,9.390296,83.380592,87.340538

17.8166275,0.430409,9.346365,1.094417,9.420060,83.328346,87.363335

17.8191414,0.456730,9.334401,1.125524,9.413100,83.132713,87.198769

17.8216572,0.487837,9.312865,1.077667,9.387695,83.408157,87.001411

17.8241711,0.478265,9.303294,1.077667,9.377707,83.401108,87.057121

17.8266869,0.497408,9.327223,1.108774,9.406055,83.230301,86.947388

17.8292027,0.511765,9.305687,1.084846,9.382675,83.360481,86.852196

17.8317184,0.499801,9.291330,1.080060,9.367238,83.378960,86.920906

17.8342342,0.530908,9.298509,1.072882,9.375244,83.428802,86.732185

17.8367481,0.535693,9.291330,1.077667,9.368946,83.394905,86.700256

17.8392639,0.552443,9.274581,1.034597,9.348446,83.646034,86.591187

17.8417778,0.552443,9.305687,1.034597,9.379307,83.667030,86.602554

17.8442955,0.566800,9.250652,1.041775,9.326367,83.586555,86.493797

17.8468094,0.530908,9.216854,1.048954,9.291532,83.517860,86.703300

17.8493252,0.550050,9.255438,1.046561,9.330647,83.559937,86.598915

17.8518391,0.564407,9.288938,1.065703,9.366891,83.467117,86.522911

17.8543549,0.516551,9.320045,1.056132,9.393906,83.544739,86.827705

17.8568726,0.506979,9.343972,1.027418,9.413949,83.734383,86.894325

17.8593864,0.483051,9.315259,0.993620,9.380548,83.919632,87.031532

17.8619022,0.435195,9.365508,1.017847,9.430702,83.804054,87.339508

17.8644161,0.416052,9.403793,0.943370,9.460146,84.276924,87.466713

17.8669319,0.380160,9.439685,0.974477,9.497462,84.110863,87.693802

17.8694458,0.392124,9.454042,0.967299,9.511485,84.163048,87.624916

17.8719635,0.334696,9.518948,0.943370,9.571433,84.343689,87.986252

17.8744793,0.361017,9.533304,0.940978,9.586431,84.366936,87.831299

17.8769932,0.341875,9.535697,0.957727,9.589767,84.268333,87.946709

17.8795090,0.339482,9.583553,0.936192,9.635155,84.424103,87.971237

17.8820229,0.358624,9.569197,0.933799,9.621336,84.430389,87.853737

17.8845406,0.353839,9.595518,0.950549,9.648974,84.346458,87.888153

17.8870544,0.361017,9.585947,0.919442,9.636705,84.525055,87.843201

17.8895702,0.339482,9.607482,0.950549,9.660357,84.353142,87.976288

17.8920860,0.320040,9.626625,0.964906,9.680154,84.279327,88.095886

17.8945999,0.303290,9.593125,0.998405,9.649708,84.061272,88.189178

17.8971176,0.284148,9.607482,1.048954,9.668752,83.771774,88.305931

17.8996315,0.267398,9.607482,1.092024,9.673041,83.517853,88.405739

17.9021492,0.217149,9.595518,1.159024,9.667702,83.114471,88.703606

17.9046650,0.205185,9.602696,1.175773,9.676586,83.020912,88.775925

17.9071789,0.178863,9.573982,1.190130,9.649328,82.915207,88.929710

17.9096947,0.183649,9.578768,1.237987,9.660183,82.637093,88.901627

17.9122086,0.186042,9.569197,1.319642,9.661552,82.149605,88.886208

17.9147263,0.178863,9.583553,1.343570,9.678929,82.020782,88.930779

17.9172401,0.164507,9.552447,1.405783,9.656735,81.629395,89.013382

17.9197559,0.150150,9.535697,1.499103,9.653982,81.066765,89.097893

17.9222736,0.147757,9.552447,1.482354,9.667909,81.180206,89.113823

17.9247875,0.140578,9.511769,1.479961,9.627243,81.157066,89.153267

17.9273033,0.111864,9.533304,1.491925,9.649986,81.106178,89.327721

17.9298172,0.068794,9.542876,1.546960,9.667694,80.792328,89.586967

17.9323349,0.073579,9.562018,1.537389,9.685101,80.866379,89.559120

17.9348488,0.063709,9.569197,1.554437,9.694837,80.773567,89.618546

17.9373646,0.044566,9.545269,1.592723,9.677340,80.527008,89.732491

17.9398804,0.073579,9.578768,1.571187,9.707051,80.685104,89.559891

17.9423962,0.078365,9.609875,1.520639,9.729757,81.008530,89.532784

17.9449120,0.116650,9.686445,1.523032,9.806144,81.064995,89.310043

17.9474258,0.183649,9.681660,1.487139,9.796930,81.268951,88.913300

17.9499416,0.171685,9.698409,1.434497,9.805427,81.587654,88.985832

17.9524555,0.150150,9.775279,1.398605,9.875967,81.858574,89.119995

17.9549732,0.150150,9.755837,1.345963,9.849392,82.145706,89.118248

17.9574890,0.166899,9.743873,1.331606,9.835856,82.219246,89.018700

17.9600048,0.181256,9.770494,1.278665,9.855474,82.545341,88.937202

17.9625206,0.150150,9.775279,1.276272,9.859386,82.562340,89.119995

17.9650345,0.150150,9.799207,1.233201,9.877641,82.828041,89.122147

17.9675522,0.169292,9.842278,1.175773,9.913705,83.188644,89.014580

17.9700661,0.190828,9.892527,1.185344,9.965117,83.168526,88.894897

17.9725819,0.224327,9.875777,1.204487,9.951487,83.048111,88.698753

17.9750977,0.257827,9.904491,1.218844,9.982535,82.986824,88.508858

17.9776134,0.245863,9.947562,1.221237,10.025261,83.003082,88.584175

17.9801292,0.224327,9.981061,1.187737,10.053986,83.215462,88.712479

17.9826431,0.255434,10.016953,1.151845,10.086196,83.442505,88.539268

17.9851589,0.238684,10.053145,1.127917,10.119037,83.600235,88.639923

17.9876747,0.250648,10.074680,1.125524,10.140454,83.627411,88.574829

17.9901905,0.219541,10.079466,1.113560,10.143167,83.697121,88.752235

17.9927063,0.219541,10.060324,1.190130,10.132854,83.254890,88.749863

17.9952202,0.255434,10.069895,1.218844,10.146605,83.100777,88.546944

17.9977379,0.272184,10.036395,1.254736,10.118185,82.876526,88.446541

18.0002499,0.288933,10.019346,1.240379,10.099966,82.945679,88.348190

18.0027676,0.308076,10.036395,1.293321,10.124071,82.660576,88.241806

18.0052814,0.288933,10.069895,1.261915,10.152767,82.860085,88.356476

18.0077972,0.276969,10.062716,1.305285,10.150800,82.611916,88.423370

18.0103130,0.233898,10.055538,1.312463,10.143526,82.565697,88.667503

18.0128269,0.174078,10.055538,1.307678,10.141705,82.591621,89.008217

18.0153446,0.181256,10.081859,1.343570,10.172606,82.410355,88.970024

18.0178585,0.169292,10.065109,1.398605,10.163227,82.090187,89.036392

18.0203743,0.166899,10.050753,1.381855,10.146675,82.172684,89.048653

18.0228882,0.188435,10.028918,1.398605,10.127725,82.062279,88.923592

18.0254040,0.181256,10.055538,1.398605,10.153955,82.082916,88.967323

18.0279198,0.174078,10.021739,1.403391,10.121020,82.029633,89.004868

18.0304356,0.152542,10.004990,1.360320,10.098196,82.258194,89.126503

18.0329514,0.138186,9.933205,1.357927,10.026546,82.216331,89.202980

18.0354652,0.126221,9.957133,1.353141,10.049449,82.261719,89.273727

18.0379810,0.133400,9.983455,1.384248,10.079846,82.106728,89.234451

18.0404873,0.071186,10.016953,1.360320,10.109149,82.266640,89.592827

18.0430031,0.068794,9.976275,1.389034,10.072746,82.073639,89.604912

18.0455170,0.056530,9.983455,1.412962,10.083106,81.944542,89.675568

18.0480328,0.066102,10.043574,1.400998,10.141033,82.059113,89.622917

18.0505486,0.034995,10.048360,1.384248,10.143318,82.156433,89.800461

18.0530643,0.006281,10.057931,1.424926,10.158367,81.936462,89.964218

18.0555782,-0.003290,10.081859,1.467997,10.188174,81.715515,90.018700

18.0580940,0.054138,10.089038,1.424926,10.189309,81.961113,89.692558

18.0606194,0.080758,10.038788,1.453640,10.143808,81.760971,89.539093

18.0631351,0.071186,9.997811,1.475175,10.106307,81.606789,89.592049

18.0656490,0.121436,10.007382,1.499103,10.119771,81.481071,89.304771

18.0681648,0.147757,10.004990,1.472782,10.113889,81.626831,89.153900

18.0706806,0.193220,9.971490,1.472782,10.081519,81.599747,88.889900

18.0731964,0.248255,9.942777,1.475175,10.054680,81.563377,88.569710

18.0757103,0.267398,9.940384,1.446461,10.048631,81.723747,88.459106

18.0782261,0.308076,9.914063,1.441676,10.023072,81.730133,88.220131

18.0807438,0.329611,9.878170,1.412962,9.984155,81.864166,88.088882

18.0832577,0.361017,9.849456,1.403391,9.955482,81.896217,87.900848

18.0857735,0.420838,9.837492,1.429712,9.949745,81.738380,87.550438

18.0882874,0.416052,9.751051,1.396212,9.859284,81.858749,87.556816

18.0908031,0.451944,9.775279,1.384248,9.883142,81.948593,87.352905

18.0933189,0.492622,9.770494,1.362713,9.877358,82.069992,87.113625

18.0958347,0.499801,9.696016,1.372284,9.805391,81.954933,87.049187

18.0983486,0.535693,9.684052,1.369891,9.795123,81.960579,86.833794

18.1008663,0.559621,9.691231,1.338784,9.799259,82.147636,86.695122

18.1033840,0.605384,9.660124,1.355534,9.773534,82.027695,86.414055

18.1058979,0.612563,9.652946,1.312463,9.761002,82.272614,86.368958

18.1084137,0.624527,9.638589,1.302892,9.746279,82.317650,86.292732

18.1109276,0.646062,9.614660,1.331606,9.727911,82.132362,86.155762

18.1134453,0.665205,9.578768,1.353141,9.696715,81.978401,86.027428

18.1159611,0.636491,9.538090,1.398605,9.661075,81.676216,86.182228

18.1184750,0.669990,9.552447,1.400998,9.677858,81.676437,85.987953

18.1210022,0.681954,9.535697,1.410569,9.663555,81.606667,85.909401

18.1235180,0.674776,9.494720,1.379462,9.618106,81.754005,85.934906

18.1260338,0.660419,9.487542,1.393819,9.612094,81.662323,86.018120

18.1285496,0.677169,9.511769,1.410569,9.639606,81.585663,85.927826

18.1310635,0.648455,9.475577,1.367498,9.595682,81.806778,86.085106

18.1335812,0.662812,9.494720,1.362713,9.614885,81.852066,86.006744

18.1360970,0.634098,9.487542,1.353141,9.604506,81.900879,86.176338

18.1386108,0.605384,9.518948,1.362713,9.635033,81.869217,86.361015

18.1411209,0.535693,9.547662,1.324427,9.653958,82.114716,86.788658

18.1436367,0.554836,9.540483,1.293321,9.643720,82.292831,86.671661

18.1461525,0.514158,9.559626,1.350748,9.668263,81.968964,86.921356

18.1486664,0.509372,9.583553,1.269093,9.680628,82.467056,86.957558

18.1511822,0.480658,9.557233,1.259522,9.651846,82.501778,87.120872

18.1536980,0.483051,9.612267,1.283749,9.709636,82.402451,87.123100

18.1562138,0.471087,9.645767,1.295713,9.743799,82.358269,87.203972

18.1587296,0.451944,9.660124,1.288535,9.756156,82.410538,87.321396

18.1612415,0.416052,9.707980,1.286142,9.801640,82.460075,87.545990

18.1637592,0.437587,9.719945,1.242772,9.808838,82.721107,87.422310

18.1662731,0.428016,9.741480,1.218844,9.826759,82.875076,87.484184

18.1687889,0.428016,9.724730,1.264308,9.815908,82.599632,87.479858

18.1713028,0.428016,9.763016,1.242772,9.851099,82.752502,87.489731

18.1738205,0.396909,9.787243,1.254736,9.875324,82.700394,87.677711

18.1763363,0.396909,9.768100,1.288535,9.860712,82.491478,87.673164

18.1788502,0.396909,9.818350,1.269093,9.907983,82.640884,87.685066

18.1813660,0.349053,9.784850,1.310070,9.878331,82.378944,87.956963

18.1838799,0.356231,9.801600,1.329213,9.897730,82.282158,87.918549

18.1863976,0.363410,9.787243,1.295713,9.879325,82.463715,87.873528

18.1889114,0.358624,9.751051,1.331606,9.848084,82.228966,87.893723

18.1914272,0.368196,9.741480,1.336391,9.839611,82.194107,87.835442

18.1939411,0.382553,9.700802,1.324427,9.798265,82.231575,87.741699

18.1964588,0.334696,9.748658,1.350748,9.847481,82.116058,88.033661

18.1989746,0.334696,9.743873,1.345963,9.842088,82.139839,88.032700

18.2014942,0.361017,9.763016,1.319642,9.858411,82.307327,87.882278

18.2040100,0.315254,9.768100,1.343570,9.865108,82.172325,88.151482

18.2065277,0.293719,9.794421,1.333999,9.889212,82.247490,88.282303

18.2090416,0.267398,9.751051,1.348356,9.847465,82.130104,88.429199

18.2115574,0.269791,9.753445,1.372284,9.853204,81.994232,88.415543

18.2140713,0.236291,9.768100,1.355534,9.864536,82.101715,88.614281

18.2165890,0.233898,9.736694,1.360320,9.834043,82.048920,88.623886

18.2191029,0.212363,9.748658,1.389034,9.849408,81.892715,88.752075

18.2216167,0.214756,9.722338,1.369891,9.820722,81.981674,88.734604

18.2241306,0.219541,9.667302,1.422533,9.773870,81.631187,88.699051

18.2266464,0.190828,9.696016,1.456033,9.806589,81.461441,88.872505

18.2291622,0.169292,9.703195,1.444068,9.811523,81.536415,89.000458

18.2316780,0.176471,9.686445,1.475175,9.799720,81.342216,88.956284

18.2341938,0.176471,9.712767,1.463211,9.823949,81.434311,88.959114

18.2367077,0.157328,9.715159,1.499103,9.831398,81.229256,89.072227

18.2392254,0.135793,9.664909,1.511068,9.783263,81.114845,89.195045

18.2417336,0.131007,9.681660,1.499103,9.797909,81.199043,89.224754

18.2442493,0.078365,9.691231,1.506282,9.807904,81.165642,89.536705

18.2467632,0.071186,9.696016,1.503889,9.812211,81.183693,89.579353

18.2492790,0.046959,9.681660,1.537389,9.803076,80.977219,89.722099

18.2517948,0.003888,9.693624,1.554437,9.817466,80.889801,89.977020

18.2543106,0.027817,9.727123,1.534996,9.847533,81.032387,89.836151

18.2568264,-0.027218,9.691231,1.518246,9.809473,81.096344,90.160919

18.2593403,-0.055932,9.705587,1.489532,9.819382,81.274948,90.330185

18.2618561,-0.046361,9.693624,1.475175,9.805337,81.347221,90.274025

18.2643700,-0.036790,9.672089,1.487139,9.785818,81.258957,90.217934

18.2668858,-0.043968,9.681660,1.467997,9.792419,81.378197,90.260201

18.2693996,-0.055932,9.696016,1.410569,9.798244,81.722855,90.330513

18.2719154,-0.063111,9.693624,1.369891,9.790144,81.956467,90.373024

18.2744331,-0.058325,9.693624,1.369891,9.790114,81.956436,90.344734

18.2769470,-0.082253,9.719945,1.372284,9.816683,81.964249,90.484840

18.2794628,-0.084646,9.755837,1.350748,9.849266,82.117500,90.497108

18.2819633,-0.115753,9.758230,1.314856,9.847096,82.326530,90.679611

18.2844772,-0.094217,9.753445,1.310070,9.841486,82.350243,90.553452

18.2869930,-0.115753,9.768100,1.295713,9.854342,82.444496,90.678925

18.2895069,-0.110967,9.770494,1.326820,9.860796,82.267105,90.650703

18.2920227,-0.108574,9.806385,1.317249,9.895055,82.349968,90.634338

18.2945385,-0.113360,9.806385,1.295713,9.892264,82.473633,90.662300

18.2970524,-0.070289,9.782457,1.314856,9.870677,82.344971,90.411674

18.2995682,-0.048754,9.835099,1.312463,9.922405,82.399055,90.284019

18.3021011,-0.063111,9.873384,1.298106,9.958553,82.510132,90.366226

18.3046150,-0.046361,9.868599,1.283749,9.951855,82.588425,90.269165

18.3071327,-0.046361,9.882956,1.273879,9.964825,82.655350,90.268776

18.3096485,-0.003290,9.887741,1.269093,9.968853,82.686066,90.019066

18.3121624,0.018245,9.890134,1.288535,9.973736,82.577049,89.894302

18.3146782,-0.000897,9.928419,1.293321,10.012301,82.578186,90.005180

18.3171940,0.056530,9.911670,1.271486,9.993051,82.690041,89.673218

18.3197098,0.109472,9.902099,1.276272,9.984609,82.656136,89.366600

18.3222275,0.087936,9.878170,1.286142,9.961934,82.582085,89.489960

18.3247414,0.080758,9.878170,1.286142,9.961873,82.582039,89.531593

18.3272572,0.150150,9.859028,1.259522,9.940290,82.720551,89.127472

18.3297710,0.183649,9.866206,1.273879,9.949800,82.644196,88.933624

18.3322868,0.152542,9.887741,1.271486,9.970325,82.673286,89.116142

18.3348026,0.147757,9.892527,1.295713,9.978115,82.538757,89.144279

18.3373184,0.162114,9.880563,1.310070,9.968354,82.448174,89.060013

18.3398342,0.183649,9.856635,1.333999,9.948193,82.293732,88.932587

18.3423481,0.183649,9.842278,1.307678,9.930468,82.433121,88.931030

18.3448639,0.245863,9.823135,1.341177,9.917318,82.227737,88.566246

18.3473778,0.250648,9.801600,1.324427,9.893850,82.307083,88.535141

18.3498955,0.260219,9.789636,1.324427,9.882246,82.297997,88.477371

18.3524094,0.245863,9.770494,1.343570,9.865504,82.172638,88.558525

18.3549252,0.260219,9.703195,1.365105,9.802204,81.994675,88.463814

18.3574390,0.272184,9.707980,1.367498,9.807600,81.984993,88.394012

18.3599548,0.279362,9.674481,1.343570,9.771326,82.096718,88.345978

18.3624706,0.274576,9.626625,1.343570,9.723810,82.057846,88.366219

18.3649845,0.274576,9.638589,1.348356,9.736316,82.039680,88.368248

18.3675003,0.298505,9.624231,1.400998,9.730248,81.721565,88.223488

18.3700142,0.308076,9.605089,1.417747,9.714045,81.607811,88.162910

18.3725319,0.279362,9.557233,1.424926,9.666910,81.523575,88.325699

18.3750458,0.276969,9.526126,1.460818,9.641461,81.285316,88.334610

18.3775616,0.312862,9.521340,1.448854,9.636025,81.352325,88.117996

18.3800774,0.315254,9.518948,1.467997,9.636637,81.237732,88.103134

18.3825951,0.308076,9.499506,1.482354,9.619402,81.135376,88.142509

18.3851109,0.300897,9.511769,1.479961,9.630918,81.160469,88.188095

18.3876266,0.317647,9.516555,1.453640,9.632174,81.320045,88.088272

18.3901424,0.296112,9.499506,1.477568,9.618290,81.163193,88.214592

18.3926582,0.284148,9.514162,1.444068,9.627323,81.373253,88.289330

18.3951721,0.279362,9.485149,1.422533,9.595296,81.474289,88.312981

18.3976898,0.291326,9.569197,1.398605,9.675251,81.688492,88.256218

18.4002037,0.305683,9.566804,1.398605,9.673327,81.686829,88.169884

18.4027195,0.267398,9.571589,1.357927,9.671132,81.928406,88.399765

18.4052353,0.121436,9.593125,1.317249,9.683902,82.182129,89.274750

18.4077511,0.186042,9.600304,1.379462,9.700688,81.824684,88.889816

18.4102669,0.454337,9.564411,1.286142,9.661187,82.349808,87.280327

18.4127808,0.341875,9.609875,1.259522,9.698091,82.537735,87.962540

18.4152985,0.324826,9.636196,1.276272,9.725773,82.459572,88.069351

18.4178123,0.341875,9.652946,1.271486,9.742326,82.500847,87.971626

18.4203281,0.358624,9.664909,1.271486,9.754782,82.510475,87.874969

18.4228401,0.384945,9.705587,1.240379,9.792096,82.722710,87.728714

18.4253559,0.372981,9.703195,1.228415,9.787753,82.790062,87.798691

18.4278698,0.372981,9.681660,1.199701,9.762835,82.941391,87.793800

18.4303875,0.423230,9.715159,1.180559,9.795773,83.078049,87.505547

18.4329033,0.406481,9.717552,1.235594,9.804221,82.759949,87.604744

18.4354172,0.401695,9.698409,1.194916,9.779996,82.982094,87.628242

18.4379330,0.375374,9.686445,1.197309,9.767379,82.958839,87.780754

18.4404488,0.411266,9.743873,1.216451,9.828120,82.890121,87.583115

18.4429646,0.394517,9.712767,1.209273,9.795704,82.908783,87.674019

18.4454803,0.389731,9.731909,1.230808,9.817170,82.797707,87.706718

18.4479942,0.358624,9.700802,1.211666,9.782755,82.885231,87.882828

18.4505100,0.339482,9.698409,1.214058,9.779996,82.869087,87.995247

18.4530258,0.315254,9.719945,1.209273,9.799953,82.911873,88.142334

18.4555416,0.365803,9.727123,1.237987,9.812407,82.751938,87.846321

18.4580555,0.327219,9.719945,1.242772,9.804534,82.717896,88.071884

18.4605713,0.339482,9.746265,1.266701,9.834098,82.599342,88.005081

18.4630890,0.339482,9.758230,1.269093,9.846264,82.594498,88.007523

18.4656048,0.324826,9.780065,1.300499,9.871498,82.429688,88.097733

18.4681206,0.288933,9.763016,1.317249,9.855714,82.319244,88.304848

18.4706345,0.308076,9.770494,1.249951,9.854939,82.713264,88.193993

18.4731503,0.317647,9.777672,1.283749,9.866700,82.524094,88.139290

18.4756660,0.288933,9.760623,1.269093,9.847022,82.595070,88.304428

18.4781818,0.320040,9.739087,1.283749,9.828543,82.494904,88.117859

18.4806976,0.332004,9.736694,1.283749,9.826569,82.493385,88.047073

18.4832115,0.337089,9.736694,1.288535,9.827369,82.465858,88.017189

18.4857273,0.329611,9.758230,1.322034,9.852892,82.288948,88.065414

18.4882431,0.365803,9.751051,1.283749,9.841992,82.505219,87.851601

18.4907589,0.341875,9.760623,1.300499,9.852814,82.415245,87.993980

18.4932728,0.332004,9.758230,1.341177,9.855559,82.178734,88.051376

18.4957886,0.370588,9.717552,1.324427,9.814391,82.244415,87.816025

18.4983044,0.372981,9.705587,1.338784,9.804585,82.151932,87.799232

18.5008202,0.401695,9.717552,1.350748,9.819201,82.093208,87.632912

18.5033379,0.416052,9.719945,1.314856,9.817294,82.303093,87.549011

18.5058517,0.423230,9.700802,1.329213,9.800587,82.205185,87.501862

18.5083675,0.416052,9.664909,1.336391,9.765732,82.134682,87.535072

18.5108814,0.408874,9.715159,1.305285,9.810977,82.354507,87.590065

18.5133991,0.432802,9.688838,1.319642,9.787868,82.251541,87.442291

18.5159149,0.425623,9.696016,1.331606,9.796278,82.187614,87.486519

18.5184288,0.420838,9.696016,1.357927,9.799684,82.034981,87.514740

18.5209446,0.425623,9.686445,1.391426,9.795123,81.833344,87.484039

18.5234623,0.430409,9.674481,1.350748,9.777800,82.059517,87.452644

18.5259781,0.394517,9.688838,1.353141,9.790823,82.056007,87.668282

18.5284939,0.394517,9.667302,1.331606,9.766552,82.163689,87.663094

18.5310097,0.442373,9.707980,1.350748,9.811478,82.086945,87.390953

18.5335255,0.423230,9.707980,1.367498,9.812953,81.989395,87.503708

18.5360394,0.451944,9.705587,1.424926,9.820035,81.656700,87.333923

18.5385551,0.459123,9.758230,1.403391,9.869314,81.824982,87.306229

18.5410709,0.439980,9.734302,1.393819,9.843421,81.859612,87.412048

18.5435886,0.442373,9.717552,1.381855,9.825275,81.914948,87.393517

18.5461044,0.411266,9.719945,1.386641,9.826965,81.888168,87.577171

18.5486202,0.425623,9.712767,1.403391,9.822856,81.786049,87.490845

18.5511360,0.461516,9.712767,1.357927,9.818086,82.050011,87.279556

18.5536499,0.463908,9.700802,1.391426,9.811057,81.846695,87.262108

18.5561657,0.430409,9.655338,1.386641,9.763891,81.835411,87.447601

18.5586834,0.459123,9.672089,1.403391,9.784150,81.753334,87.282272

18.5611973,0.439980,9.650553,1.381855,9.758907,81.859596,87.389626

18.5637131,0.389731,9.636196,1.369891,9.740882,81.915512,87.683968

18.5662270,0.377767,9.600304,1.391426,9.707966,81.759514,87.746605

18.5687447,0.365803,9.631411,1.372284,9.735556,81.896835,87.824944

18.5712585,0.334696,9.631411,1.379462,9.735451,81.854073,88.009743

18.5737743,0.346660,9.624231,1.439283,9.737430,81.500008,87.937126

18.5762920,0.337089,9.631411,1.453640,9.746321,81.422470,87.995529

18.5788059,0.308076,9.640982,1.417747,9.749536,81.638580,88.169746

18.5813217,0.327219,9.657731,1.420140,9.767069,81.639503,88.059471

18.5838394,0.322433,9.660124,1.460818,9.775272,81.405518,88.088310

18.5863571,0.327219,9.650553,1.427319,9.761019,81.591698,88.058029

18.5888729,0.296112,9.684052,1.451247,9.796666,81.481033,88.248596

18.5913868,0.286541,9.660124,1.465604,9.774871,81.376793,88.300980

18.5939045,0.269791,9.648160,1.458425,9.761495,81.407501,88.398262

18.5964184,0.300897,9.679267,1.444068,9.791020,81.518555,88.219429

18.5989342,0.288933,9.679267,1.463211,9.793502,81.407478,88.290184

18.6014519,0.274576,9.698409,1.456033,9.810941,81.465256,88.378304

18.6039677,0.229113,9.736694,1.432104,9.844116,81.635025,88.652031

18.6064835,0.241077,9.743873,1.417747,9.849425,81.723976,88.582710

18.6089993,0.243470,9.734302,1.436890,9.842793,81.605736,88.567245

18.6115150,0.257827,9.782457,1.398605,9.885294,81.866310,88.490257

18.6140289,0.250648,9.760623,1.420140,9.866579,81.724419,88.528992

18.6165466,0.260219,9.792028,1.429712,9.899273,81.695961,88.477745

18.6190624,0.286541,9.811171,1.410569,9.916193,81.821991,88.327118

18.6215763,0.284148,9.806385,1.417747,9.912414,81.776932,88.340271

18.6240921,0.272184,9.775279,1.408176,9.879935,81.805794,88.405067

18.6266060,0.310469,9.825528,1.432104,9.934199,81.711418,88.190163

18.6291218,0.298505,9.844670,1.403391,9.948675,81.890633,88.263245

18.6316376,0.303290,9.815957,1.396212,9.919395,81.908417,88.230255

18.6341534,0.315254,9.823135,1.420140,9.930265,81.777863,88.161835

18.6366692,0.291326,9.878170,1.410569,9.982626,81.876785,88.310730

18.6391850,0.337089,9.837492,1.369891,9.938132,82.077011,88.037483

18.6417007,0.322433,9.806385,1.398605,9.910865,81.887436,88.116798

18.6442146,0.341875,9.825528,1.456033,9.938707,81.575783,88.007225

18.6467323,0.372981,9.832706,1.434497,9.943792,81.705536,87.827660

18.6492481,0.356231,9.823135,1.448854,9.935797,81.615143,87.923103

18.6517620,0.363410,9.820743,1.441676,9.932647,81.654312,87.880775

18.6542797,0.372981,9.835099,1.429712,9.945470,81.734802,87.828186

18.6567936,0.361017,9.787243,1.441676,9.899439,81.626122,87.887520

18.6593094,0.368196,9.768100,1.429712,9.879039,81.678833,87.841331

18.6618252,0.394517,9.753445,1.451247,9.868711,81.543678,87.683708

18.6643391,0.392124,9.688838,1.446461,9.804060,81.515785,87.682404

18.6668568,0.363410,9.691231,1.472782,9.809236,81.364822,87.852478

18.6693707,0.370588,9.698409,1.539781,9.826871,80.985123,87.811722

18.6718864,0.344267,9.674481,1.513460,9.798198,81.114342,87.961983

18.6744022,0.341875,9.676874,1.544567,9.805327,80.936836,87.976639

18.6769180,0.341875,9.674481,1.552045,9.804148,80.891479,87.976135

18.6794319,0.341875,9.648160,1.525424,9.773985,81.021149,87.970619

18.6819496,0.322433,9.629018,1.549353,9.758199,80.864235,88.082138

18.6844654,0.305683,9.612267,1.544567,9.740371,80.875877,88.178528

18.6869793,0.291326,9.607482,1.549353,9.735969,80.843193,88.263161

18.6894951,0.281755,9.595518,1.534996,9.721602,80.915245,88.318100

18.6920109,0.305683,9.612267,1.523032,9.736979,81.000999,88.178528

18.6945267,0.322433,9.648160,1.515853,9.771835,81.075974,88.085938

18.6970406,0.269791,9.650553,1.532603,9.775215,80.979691,88.398659

18.6995564,0.253041,9.617053,1.527817,9.740943,80.976189,88.492798

18.7020741,0.241077,9.648160,1.482354,9.764348,81.267998,88.568657

18.7045918,0.248255,9.631411,1.503889,9.751276,81.128159,88.523491

18.7071075,0.229113,9.667302,1.508675,9.786998,81.132446,88.642357

18.7096252,0.262612,9.693624,1.494318,9.811641,81.239731,88.448166

18.7121391,0.241077,9.686445,1.496711,9.804360,81.219025,88.574310

18.7146549,0.209970,9.650553,1.518246,9.771506,81.061462,88.753593

18.7171707,0.226720,9.640982,1.518246,9.762427,81.053085,88.652863

18.7196865,0.200399,9.660124,1.506282,9.778908,81.139236,88.811569

18.7222004,0.183649,9.621839,1.559223,9.749086,80.796860,88.906548

18.7247124,0.183649,9.643374,1.513460,9.763143,81.082176,88.908989

18.7272263,0.171685,9.638589,1.484746,9.753786,81.244247,88.979538

18.7297421,0.133400,9.664909,1.511068,9.783230,81.114815,89.209229

18.7322598,0.095115,9.676874,1.530210,9.797575,81.014610,89.436852

18.7347736,0.097508,9.672089,1.542174,9.794749,80.941139,89.422401

18.7372894,0.061316,9.660124,1.537389,9.781887,80.957512,89.636330

18.7398033,0.073579,9.667302,1.542174,9.789814,80.936531,89.563919

18.7423210,0.051745,9.638589,1.573580,9.766332,80.727921,89.692413

18.7448368,0.023031,9.650553,1.587937,9.780351,80.656097,89.863266

18.7473526,0.008674,9.645767,1.592723,9.776383,80.623848,89.948479

18.7498684,0.013460,9.652946,1.592723,9.783471,80.630699,89.920113

18.7523842,-0.008076,9.669696,1.571187,9.796515,80.770920,90.047852

18.7549000,-0.355334,9.719945,1.561616,9.851002,80.878792,92.093643

18.7574139,-0.728914,9.729516,1.436890,9.862020,81.622223,94.284470

18.7599297,-0.348156,9.640982,1.451247,9.755812,81.445091,92.068169

18.7624454,0.423230,9.660124,1.690828,9.816110,80.081314,87.491356

18.7649612,0.871287,9.712767,1.719542,9.902212,79.999756,84.873985

18.7674789,0.339482,9.815957,1.456033,9.929164,81.567627,88.019234

18.7699928,-0.015254,9.899706,1.369891,9.994048,82.121628,90.088287

18.7725086,0.083151,9.894919,1.417747,9.996317,81.846420,89.518532

18.7750225,0.142971,9.875777,1.400998,9.975680,81.926613,89.170593

18.7775402,0.157328,9.885348,1.317249,9.973967,82.410851,89.088196

18.7800541,0.109472,9.859028,1.355534,9.952381,82.171867,89.363831

18.7825699,0.176471,9.851849,1.350748,9.945581,82.194313,88.973801

18.7850876,0.181256,9.856635,1.348356,9.950084,82.211777,88.946495

18.7876034,0.212363,9.880563,1.377069,9.978324,82.067513,88.768730

18.7901192,0.276969,9.863813,1.360320,9.961024,82.150917,88.391594

18.7926331,0.293719,9.861421,1.355534,9.958482,82.176697,88.293968

18.7951508,0.344267,9.823135,1.365105,9.923509,82.093163,87.992798

18.7976665,0.344267,9.789636,1.381855,9.892674,81.970398,87.985939

18.8001804,0.375374,9.719945,1.345963,9.819870,82.121941,87.788399

18.8026981,0.447159,9.712767,1.398605,9.823130,81.814484,87.364067

18.8052082,0.418445,9.672089,1.412962,9.783704,81.696312,87.522751

18.8077240,0.437587,9.636196,1.429712,9.751504,81.569221,87.399940

18.8102398,0.437587,9.636196,1.475175,9.758273,81.305161,87.399940

18.8127556,0.447159,9.595518,1.501496,9.722572,81.116028,87.331902

18.8152695,0.437587,9.583553,1.518246,9.712932,81.007118,87.385674

18.8177853,0.444766,9.542876,1.546960,9.677674,80.801910,87.331543

18.8203030,0.430409,9.521340,1.561616,9.658148,80.695061,87.411728

18.8228168,0.425623,9.509377,1.537389,9.642249,80.825439,87.437248

18.8253345,0.418445,9.540483,1.568794,9.677655,80.670914,87.488625

18.8278484,0.416052,9.473185,1.546960,9.607675,80.734306,87.485245

18.8303642,0.377767,9.432507,1.491925,9.557235,81.019157,87.706558

18.8328800,0.092722,9.482756,1.501496,9.601341,81.002930,89.439781

18.8353958,-0.887139,9.550055,1.281057,9.676346,82.392242,95.307182

18.8379116,-0.204586,9.420543,1.420140,9.529181,81.429245,91.244102

18.8404255,1.304687,9.351151,1.889732,9.628983,78.681976,82.057281

18.8429432,1.201795,9.432507,1.712364,9.661713,79.791435,82.739067

18.8454609,0.660419,9.477970,1.415355,9.605795,81.526970,86.014107

18.8479748,0.353839,9.516555,1.396212,9.624938,81.659134,87.870644

18.8504906,0.351446,9.557233,1.448854,9.672817,81.385468,87.894028

18.8530064,0.293719,9.566804,1.491925,9.686891,81.140335,88.241463

18.8555222,0.257827,9.538090,1.441676,9.649874,81.407936,88.451599

18.8580360,0.217149,9.554840,1.448854,9.666504,81.379799,88.698090

18.8605537,0.224327,9.516555,1.453640,9.629549,81.317657,88.649658

18.8630695,0.238684,9.562018,1.427319,9.670905,81.512772,88.570099

18.8655605,0.231506,9.581161,1.448854,9.692854,81.403412,88.615852

18.8680763,0.231506,9.595518,1.434497,9.704914,81.499886,88.617928

18.8705902,0.205185,9.633803,1.391426,9.735929,81.783348,88.779877

18.8731060,0.202792,9.667302,1.415355,9.772466,81.672516,88.798279

18.8756218,0.200399,9.710373,1.379462,9.809915,81.916321,88.817719

18.8781357,0.198006,9.734302,1.391426,9.835238,81.866875,88.834702

18.8806515,0.188435,9.765409,1.381855,9.864493,81.947311,88.894547

18.8831654,0.135793,9.768100,1.374677,9.865290,81.990067,89.203545

18.8857098,0.135793,9.796814,1.357927,9.891409,82.109322,89.205879

18.8882236,0.119043,9.784850,1.389034,9.883667,81.921005,89.302971

18.8907394,0.142971,9.789636,1.381855,9.887716,81.966347,89.163292

18.8932552,0.157328,9.815957,1.369891,9.912333,82.056259,89.081757

18.8957710,0.104686,9.885348,1.405783,9.985353,81.906754,89.393257

18.8982868,0.126221,9.890134,1.410569,9.991015,81.883652,89.268814

18.9008026,0.131007,9.902099,1.410569,10.002921,81.893372,89.242004

18.9033184,-0.436690,9.961919,1.393819,10.068429,82.042725,92.510010

18.9058323,-1.579562,10.014561,1.108774,10.198814,83.758698,98.963226

18.9083481,0.092722,9.801600,1.527817,9.920392,81.140747,89.458008

18.9108658,1.393221,9.794421,1.884946,10.070987,79.212563,81.904198

18.9133797,0.943071,9.847063,1.475175,10.001509,81.518196,84.529366

18.9158974,0.447159,9.887741,1.305285,9.983543,82.487434,87.410645

18.9184113,0.267398,9.911670,1.353141,10.007182,82.228828,88.454643

18.9209270,0.248255,9.882956,1.400998,9.984850,81.934082,88.561058

18.9234428,0.233898,9.892527,1.396212,9.993308,81.968666,88.645554

18.9259586,0.171685,9.830314,1.384248,9.928781,81.985847,88.999435

18.9284744,0.188435,9.787243,1.372284,9.884776,82.019966,88.897018

18.9309883,0.205185,9.765409,1.365105,9.862495,82.043930,88.796318

18.9335060,0.217149,9.746265,1.379462,9.845799,81.945984,88.723648

18.9360199,0.245863,9.765409,1.384248,9.866094,81.934586,88.557777

18.9385357,0.209970,9.777672,1.408176,9.880785,81.806503,88.769791

18.9410515,0.207577,9.731909,1.427319,9.838210,81.658142,88.778091

18.9435673,0.224327,9.681660,1.403391,9.785416,81.754402,88.672676

18.9460831,0.188435,9.707980,1.417747,9.812767,81.692841,88.888008

18.9485989,0.145364,9.648160,1.436890,9.755653,81.530212,89.136818

18.9511147,0.131007,9.626625,1.451247,9.736282,81.427803,89.220322

18.9536285,0.186042,9.645767,1.439283,9.754331,81.514839,88.895050

18.9561462,0.198006,9.643374,1.398605,9.746280,81.749489,88.823715

18.9586620,0.193220,9.626625,1.374677,9.726200,81.874748,88.850143

18.9611759,0.198006,9.590733,1.417747,9.696978,81.592934,88.817261

18.9636936,0.229113,9.617053,1.415355,9.723345,81.630142,88.635269

18.9662075,0.193220,9.650553,1.444068,9.759910,81.491325,88.852997

18.9687233,0.198006,9.660124,1.434497,9.768060,81.555237,88.825760

18.9712372,0.214756,9.676874,1.420140,9.782884,81.653122,88.728661

18.9737549,0.205185,9.667302,1.422533,9.773558,81.630920,88.784103

18.9762707,0.181256,9.650553,1.441676,9.759327,81.505013,88.923996

18.9787846,0.209970,9.650553,1.398605,9.753633,81.755753,88.753593

18.9813023,0.169292,9.688838,1.427319,9.794870,81.620964,88.998978

18.9838161,0.152542,9.684052,1.432104,9.790560,81.588936,89.097557

18.9863300,0.154935,9.672089,1.369891,9.769847,81.939644,89.082268

18.9888458,0.164507,9.643374,1.381855,9.743267,81.846436,89.022682

18.9913616,0.150150,9.612267,1.396212,9.714301,81.736404,89.105080

18.9938755,0.186042,9.597911,1.412962,9.703142,81.626877,88.889542

18.9963932,0.121436,9.626625,1.391426,9.727422,81.776108,89.277275

18.9989090,0.140578,9.662517,1.360320,9.758815,81.987221,89.166473

19.0014229,0.121436,9.629018,1.398605,9.730819,81.736290,89.277458

19.0039406,0.080758,9.633803,1.377069,9.732061,81.865448,89.519714

19.0064545,0.140578,9.636196,1.389034,9.736809,81.798317,89.164192

19.0089703,0.097508,9.686445,1.377069,9.784327,81.909195,89.423256

19.0114861,0.063709,9.688838,1.374677,9.786080,81.924805,89.623260

19.0139999,0.092722,9.712767,1.386641,9.811687,81.875450,89.453049

19.0165176,0.097508,9.712767,1.377069,9.810386,81.930824,89.424820

19.0190315,0.095115,9.755837,1.362713,9.851010,82.048645,89.441414

19.0215473,0.099900,9.784850,1.400998,9.885143,81.852173,89.415047

19.0240631,0.090329,9.775279,1.333999,9.866296,82.229370,89.470573

19.0265770,0.107079,9.768100,1.341177,9.860325,82.182541,89.371941

19.0290947,0.121436,9.777672,1.374677,9.874580,81.997650,89.288437

19.0316086,0.128614,9.780065,1.348356,9.873412,82.150917,89.246567

19.0341244,0.102293,9.799207,1.357927,9.893375,82.110893,89.401917

19.0366402,0.085543,9.777672,1.367498,9.873208,82.038597,89.498741

19.0391560,0.075972,9.780065,1.348356,9.872867,82.150482,89.554932

19.0416698,0.063709,9.811171,1.396212,9.910224,81.900879,89.627953

19.0441856,0.032602,9.796814,1.396212,9.895860,81.889046,89.809326

19.0467033,0.023031,9.803992,1.389034,9.901930,81.936005,89.865402

19.0492172,0.015852,9.792028,1.427319,9.895519,81.706795,89.907242

19.0517330,0.001496,9.782457,1.441676,9.888120,81.616463,89.991241

19.0542488,-0.022433,9.748658,1.484746,9.861101,81.340271,90.131844

19.0567646,-0.043968,9.741480,1.444068,9.848030,81.568016,90.258606

19.0592785,-0.058325,9.772886,1.456033,9.880928,81.526154,90.341942

19.0617943,-0.099003,9.758230,1.432104,9.863255,81.651375,90.581276

19.0643120,-0.106182,9.729516,1.487139,9.843086,81.310211,90.625267

19.0668240,-0.099003,9.755837,1.465604,9.865808,81.456871,90.581421

19.0693417,-0.137288,9.753445,1.427319,9.858284,81.675247,90.806435

19.0718555,-0.127717,9.768100,1.424926,9.872310,81.701195,90.749092

19.0743713,-0.146859,9.753445,1.403391,9.854986,81.813011,90.862648

19.0768852,-0.158824,9.748658,1.403391,9.850435,81.809204,90.933372

19.0794029,-0.158824,9.782457,1.369891,9.879185,82.029434,90.930145

19.0819187,-0.192323,9.772886,1.372284,9.870636,82.008461,91.127396

19.0844326,-0.185145,9.763016,1.360320,9.859068,82.069229,91.086418

19.0869522,-0.209372,9.796814,1.326820,9.888471,82.288879,91.224304

19.0894661,-0.204586,9.813564,1.350748,9.908200,82.164680,91.194290

19.0919819,-0.175573,9.830314,1.381855,9.928515,81.999573,91.023216

19.0944996,-0.163609,9.847063,1.355534,9.941273,82.163071,90.951881

19.0970135,-0.154038,9.823135,1.331606,9.914176,82.281082,90.898392

19.0995293,-0.158824,9.832706,1.333999,9.924056,82.274879,90.925392

19.1020432,-0.185145,9.808778,1.357927,9.904058,82.119461,91.081352

19.1045609,-0.146859,9.801600,1.374677,9.898619,82.017212,90.858414

19.1070747,-0.099003,9.825528,1.338784,9.916811,82.241295,90.577301

19.1095905,-0.079860,9.808778,1.360320,9.902978,82.104622,90.466476

19.1121063,-0.065504,9.734302,1.360320,9.829109,82.044899,90.385544

19.1146221,-0.027218,9.722338,1.343570,9.814774,82.131927,90.160400

19.1171379,-0.027218,9.739087,1.384248,9.837007,81.910583,90.160126

19.1196518,0.011067,9.681660,1.365105,9.777431,81.974258,89.934509

19.1221676,0.032602,9.655338,1.355534,9.750081,82.008400,89.806534

19.1246834,0.027817,9.657731,1.362713,9.753436,81.968582,89.834976

19.1271973,0.025424,9.652946,1.381855,9.751386,81.853271,89.849098

19.1297112,0.056530,9.631411,1.417747,9.735362,81.626320,89.663712

19.1322269,0.061316,9.652946,1.434497,9.759145,81.547462,89.636055

19.1347446,0.063709,9.660124,1.398605,9.761052,81.762062,89.622139

19.1372585,0.135793,9.597911,1.374677,9.696807,81.849953,89.189423

19.1397743,0.128614,9.626625,1.391426,9.727513,81.776184,89.234558

19.1422882,0.162114,9.636196,1.412962,9.740586,81.659294,89.036179

19.1448059,0.183649,9.629018,1.377069,9.728723,81.862640,88.907364

19.1473160,0.138186,9.583553,1.374677,9.682631,81.837944,89.173904

19.1498318,0.154935,9.585947,1.384248,9.686616,81.784126,89.074020

19.1523495,0.162114,9.597911,1.367498,9.696197,81.892288,89.032333

19.1548634,0.157328,9.655338,1.355534,9.751296,82.009399,89.066483

19.1573792,0.138186,9.643374,1.336391,9.736514,82.110924,89.179031

19.1598930,0.142971,9.667302,1.322034,9.758327,82.213760,89.152702

19.1624088,0.190828,9.657731,1.305285,9.747407,82.304352,88.868034

19.1649246,0.159721,9.688838,1.319642,9.779598,82.244949,89.055565

19.1674404,0.162114,9.696016,1.324427,9.787396,82.222893,89.042122

19.1699562,0.176471,9.674481,1.302892,9.763414,82.331207,88.954994

19.1724701,0.152542,9.712767,1.290928,9.799368,82.430092,89.100220

19.1749859,0.178863,9.739087,1.276272,9.823984,82.535385,88.947853

19.1775017,0.188435,9.743873,1.240379,9.824312,82.746696,88.892105

19.1800175,0.176471,9.768100,1.273879,9.852395,82.571068,88.965004

19.1825314,0.183649,9.760623,1.235594,9.840233,82.786583,88.922089

19.1850471,0.181256,9.780065,1.269093,9.863728,82.607681,88.938248

19.1875648,0.205185,9.806385,1.240379,9.886649,82.792679,88.801346

19.1900787,0.169292,9.847063,1.249951,9.927522,82.766830,89.015060

19.1925945,0.171685,9.837492,1.240379,9.916867,82.814751,89.000168

19.1951103,0.219541,9.839885,1.240379,9.920185,82.817169,88.721863

19.1976261,0.224327,9.837492,1.259522,9.920331,82.705826,88.693695

19.2001400,0.238684,9.842278,1.252344,9.924503,82.750687,88.610802

19.2026558,0.257827,9.823135,1.230808,9.903300,82.860672,88.496513

19.2051716,0.317647,9.827921,1.261915,9.913695,82.686974,88.148796

19.2076874,0.322433,9.806385,1.228415,9.888284,82.863747,88.116798

19.2102032,0.341875,9.815957,1.252344,9.901427,82.733704,88.005280

19.2127171,0.399302,9.835099,1.269093,9.924677,82.653328,87.675087

19.2152348,0.428016,9.803992,1.269093,9.895052,82.631210,87.500206

19.2177486,0.442373,9.796814,1.249951,9.886133,82.736382,87.414574

19.2202644,0.463908,9.792028,1.249951,9.882379,82.733604,87.287575

19.2227802,0.492622,9.787243,1.233201,9.876922,82.827515,87.118553

19.2252960,0.456730,9.780065,1.252344,9.870493,82.710808,87.326225

19.2278080,0.487837,9.727123,1.228415,9.816512,82.811295,87.128899

19.2303219,0.506979,9.719945,1.257129,9.814007,82.640450,87.014236

19.2328377,0.526122,9.734302,1.259522,9.829538,82.638084,86.906273

19.2353535,0.523729,9.722338,1.247558,9.816035,82.698311,86.916534

19.2378693,0.550050,9.715159,1.281057,9.814682,82.500092,86.759506

19.2403831,0.571586,9.676874,1.278665,9.777709,82.485710,86.619629

19.2428989,0.552443,9.710373,1.281057,9.810079,82.496552,86.743835

19.2454147,0.547657,9.703195,1.276272,9.802080,82.518608,86.769600

19.2479343,0.562014,9.674481,1.271486,9.773849,82.525169,86.675285

19.2504501,0.550050,9.684052,1.310070,9.787732,82.307976,86.749115

19.2529640,0.600299,9.693624,1.314856,9.800793,82.290062,86.456352

19.2554798,0.607777,9.688838,1.288535,9.793023,82.439278,86.410561

19.2579956,0.588335,9.700802,1.281057,9.802693,82.490868,86.529373

19.2605114,0.660419,9.681660,1.237987,9.782806,82.729889,86.097702

19.2630272,0.629312,9.724730,1.237987,9.823392,82.760086,86.297409

19.2655411,0.610170,9.734302,1.276272,9.836555,82.544975,86.413254

19.2680588,0.619741,9.686445,1.252344,9.786709,82.648064,86.339195

19.2705727,0.619741,9.684052,1.249951,9.784034,82.660172,86.338287

19.2730904,0.655633,9.696016,1.257129,9.799130,82.629219,86.131615

19.2756062,0.686740,9.681660,1.269093,9.788603,82.550629,85.942688

19.2781200,0.667598,9.705587,1.266701,9.810639,82.581543,86.065117

19.2806377,0.689133,9.710373,1.252344,9.815020,82.669388,85.940598

19.2831516,0.696311,9.705587,1.264308,9.812326,82.596916,85.896439

19.2856674,0.734597,9.724730,1.283749,9.836566,82.501060,85.680138

19.2881813,0.739382,9.705587,1.249951,9.813638,82.682434,85.643562

19.2906971,0.698704,9.696016,1.242772,9.800276,82.714714,85.878334

19.2932129,0.753739,9.734302,1.242772,9.842216,82.745926,85.572350

19.2957268,0.792024,9.691231,1.254736,9.804163,82.647125,85.327835

19.2982445,0.760918,9.722338,1.252344,9.832152,82.682228,85.524872

19.3007584,0.753739,9.712767,1.298106,9.828074,82.410110,85.562576

19.3032742,0.765703,9.664909,1.264308,9.777283,82.570236,85.470200

19.3057880,0.765703,9.662517,1.290928,9.778396,82.413757,85.469078

19.3083038,0.789631,9.648160,1.322034,9.770275,82.223343,85.321190

19.3108196,0.758525,9.638589,1.374677,9.765628,81.907776,85.500290

19.3133354,0.734597,9.643374,1.386641,9.770214,81.840729,85.643829

19.3158512,0.729811,9.657731,1.405783,9.786757,81.741386,85.678513

19.3183651,0.741775,9.691231,1.400998,9.820029,81.797775,85.623070

19.3208809,0.698704,9.688838,1.410569,9.815879,81.737831,85.875290

19.3233948,0.677169,9.674481,1.415355,9.800886,81.696831,85.996094

19.3259125,0.672383,9.686445,1.472782,9.820815,81.375076,86.029190

19.3284264,0.643669,9.679267,1.475175,9.812169,81.353287,86.195442

19.3309402,0.622134,9.643374,1.460818,9.773213,81.403694,86.308731

19.3334579,0.607777,9.597911,1.482354,9.730707,81.237572,86.376648

19.3359718,0.617348,9.609875,1.484746,9.743474,81.234909,86.324310

19.3384876,0.590728,9.629018,1.508675,9.764377,81.111732,86.489372

19.3410015,0.569193,9.562018,1.564009,9.705787,80.726822,86.593407

19.3435192,0.533300,9.526126,1.564009,9.668382,80.690620,86.795761

19.3460350,0.535693,9.518948,1.554437,9.659897,80.739899,86.778992

19.3485489,0.545264,9.470792,1.566401,9.614927,80.623955,86.704933

19.3510647,0.535693,9.470792,1.568794,9.614779,80.609352,86.762650

19.3535805,0.487837,9.477970,1.609472,9.626022,80.374931,87.053551

19.3560963,0.461516,9.480363,1.566401,9.619973,80.628914,87.212975

19.3586102,0.428016,9.475577,1.539781,9.609406,80.779358,87.413681

19.3611259,0.432802,9.454042,1.525424,9.586092,80.843658,87.378853

19.3636417,0.425623,9.437292,1.525424,9.569250,80.827408,87.417702

19.3661575,0.432802,9.458828,1.568794,9.597805,80.592598,87.380180

19.3686657,0.368196,9.466006,1.590330,9.605727,80.470200,87.772514

19.3711815,0.368196,9.473185,1.566401,9.608871,80.617989,87.774200

19.3736973,0.351446,9.466006,1.573580,9.602341,80.568138,87.873749

19.3762112,0.327219,9.442079,1.585544,9.579867,80.473259,88.015190

19.3787289,0.310469,9.504591,1.607080,9.644498,80.407959,88.129089

19.3812428,0.279362,9.516555,1.592723,9.652960,80.502861,88.318542

19.3837585,0.260219,9.504591,1.614258,9.644210,80.364418,88.431732

19.3862724,0.241077,9.509377,1.583151,9.643274,80.550888,88.547775

19.3887901,0.190828,9.545269,1.640579,9.687109,80.249565,88.854706

19.3913078,0.178863,9.569197,1.614258,9.706047,80.426384,88.929176

19.3938217,0.193220,9.581161,1.599901,9.715742,80.521873,88.844688

19.3963375,0.195613,9.578768,1.604687,9.714220,80.491760,88.830093

19.3988514,0.188435,9.629018,1.585544,9.760504,80.651161,88.878899

19.4013672,0.152542,9.640982,1.585544,9.771681,80.661957,89.093529

19.4038849,0.150150,9.640982,1.592723,9.772811,80.620392,89.107742

19.4063988,0.150150,9.624231,1.590330,9.755898,80.618225,89.106186

19.4089146,0.119043,9.655338,1.583151,9.784993,80.688972,89.293625

19.4114285,0.097508,9.684052,1.580758,9.812704,80.729652,89.423119

19.4139442,0.083151,9.715159,1.609472,9.847925,80.593803,89.509628

19.4164581,0.075972,9.698409,1.580758,9.826683,80.742958,89.551186

19.4189739,0.066102,9.691231,1.585544,9.820299,80.708595,89.609207

19.4214878,0.056530,9.743873,1.564009,9.868757,80.881271,89.667595

19.4240055,0.046959,9.768100,1.568794,9.893386,80.876099,89.724556

19.4265213,0.044566,9.758230,1.607080,9.889780,80.648026,89.738327

19.4290352,0.049352,9.775279,1.564009,9.899729,80.910042,89.710739

19.4315510,0.063709,9.803992,1.587937,9.931962,80.799980,89.627686

19.4340668,0.039781,9.842278,1.587937,9.969631,80.835045,89.768425

19.4365826,0.068794,9.863813,1.590330,9.991431,80.841316,89.600403

19.4390965,0.080758,9.870992,1.561616,9.994081,81.010468,89.531258

19.4416122,0.114257,9.880563,1.518246,9.997182,81.264839,89.337471

19.4441280,0.116650,9.959526,1.484746,10.070266,81.521477,89.328957

19.4466419,0.080758,9.988240,1.534996,10.105824,81.263405,89.536758

19.4491615,0.116650,10.031311,1.523032,10.146942,81.367416,89.333763

19.4516754,0.157328,10.007382,1.479961,10.117447,81.588699,89.099319

19.4541931,0.171685,10.065109,1.499103,10.177584,81.529823,89.022774

19.4567089,0.233898,10.084252,1.503889,10.198458,81.520103,88.671295

19.4592228,0.276969,10.043574,1.475175,10.155108,81.647415,88.420372

19.4617386,0.303290,9.981061,1.503889,10.098280,81.435349,88.259514

19.4642525,0.308076,10.002597,1.503889,10.119710,81.453621,88.235870

19.4667702,0.365803,9.983455,1.456033,10.095702,81.707710,87.901573

19.4692822,0.387338,9.928419,1.489532,10.047002,81.474106,87.765846

19.4717979,0.418445,9.887741,1.491925,10.008414,81.427132,87.576714

19.4743156,0.416052,9.880563,1.472782,9.998385,81.529396,87.588806

19.4768295,0.432802,9.832706,1.506282,9.956822,81.298805,87.479668

19.4793453,0.420838,9.799207,1.472782,9.918198,81.460396,87.540878

19.4818592,0.447159,9.739087,1.467997,9.859248,81.437080,87.371178

19.4843750,0.480658,9.743873,1.513460,9.872418,81.181679,87.175926

19.4868908,0.471087,9.741480,1.511068,9.869229,81.192863,87.231400

19.4894047,0.492622,9.698409,1.503889,9.826673,81.196770,87.092209

19.4919186,0.468694,9.660124,1.467997,9.782264,81.369179,87.222275

19.4944344,0.485444,9.612267,1.477568,9.737276,81.272026,87.108871

19.4969501,0.516551,9.578768,1.506282,9.710226,81.076057,86.913223

19.4994659,0.459123,9.552447,1.458425,9.674040,81.329224,87.248291

19.5019817,0.495015,9.545269,1.451247,9.667643,81.366478,87.031319

19.5044956,0.485444,9.545269,1.446461,9.666440,81.394081,87.088615

19.5070114,0.454337,9.521340,1.405783,9.635278,81.610626,87.268044

19.5095253,0.487837,9.538090,1.429712,9.656978,81.486084,87.072090

19.5120411,0.430409,9.528519,1.417747,9.643025,81.545547,87.413673

19.5145588,0.416052,9.523733,1.422533,9.638371,81.512672,87.498581

19.5170727,0.459123,9.487542,1.439283,9.607069,81.383797,87.229492

19.5195885,0.406481,9.502198,1.460818,9.622421,81.267937,87.550522

19.5221024,0.404088,9.542876,1.456033,9.661771,81.332481,87.575287

19.5246181,0.425623,9.554840,1.489532,9.679608,81.147949,87.449425

19.5271339,0.416052,9.581161,1.467997,9.701894,81.297127,87.513550

19.5296497,0.418445,9.530911,1.458425,9.650926,81.308296,87.486099

19.5321636,0.401695,9.547662,1.444068,9.664602,81.406784,87.590836

19.5346794,0.372981,9.578768,1.446461,9.694543,81.419220,87.770126

19.5371971,0.372981,9.585947,1.439283,9.700568,81.467468,87.771790

19.5397110,0.382553,9.595518,1.460818,9.713614,81.350548,87.716949

19.5422268,0.349053,9.621839,1.439283,9.735150,81.498001,87.922386

19.5447407,0.327219,9.626625,1.410569,9.734921,81.668640,88.053207

19.5472565,0.317647,9.643374,1.396212,9.749102,81.766106,88.113396

19.5497704,0.327219,9.698409,1.434497,9.809382,81.591064,88.067604

19.5522881,0.312862,9.679267,1.420140,9.787895,81.657425,88.148682

19.5548038,0.255434,9.734302,1.424926,9.841356,81.674904,88.496872

19.5573177,0.281755,9.746265,1.386641,9.848444,81.905975,88.344093

19.5598335,0.262612,9.734302,1.386641,9.836075,81.895729,88.454651

19.5623474,0.269791,9.772886,1.336391,9.867524,82.216324,88.418694

19.5648632,0.281755,9.792028,1.312463,9.883611,82.369049,88.351830

19.5673790,0.262612,9.787243,1.350748,9.883502,82.144974,88.463005

19.5698929,0.308076,9.734302,1.305285,9.826256,82.366470,88.187279

19.5724087,0.286541,9.763016,1.286142,9.851535,82.498482,88.318878

19.5749245,0.332004,9.780065,1.295713,9.871108,82.457405,88.055725

19.5774403,0.320040,9.775279,1.305285,9.867232,82.398361,88.124825

19.5799541,0.303290,9.806385,1.302892,9.897206,82.435486,88.228531

19.5824699,0.324826,9.775279,1.322034,9.869618,82.302101,88.096802

19.5849838,0.339482,9.729516,1.314856,9.823827,82.308243,88.001648

19.5875015,0.365803,9.729516,1.350748,9.829639,82.101662,87.846855

19.5900192,0.358624,9.755837,1.367498,9.857739,82.026024,87.894760

19.5925331,0.337089,9.727123,1.360320,9.827565,82.043640,88.015236

19.5950508,0.351446,9.751051,1.343570,9.849451,82.159805,87.935844

19.5975647,0.320040,9.734302,1.341177,9.831470,82.159447,88.116936

19.6000805,0.324826,9.775279,1.396212,9.879828,81.875793,88.096802

19.6025944,0.334696,9.794421,1.410569,9.901133,81.809464,88.042847

19.6051121,0.351446,9.755837,1.429712,9.866303,81.668015,87.936859

19.6076279,0.322433,9.717552,1.429712,9.827455,81.634842,88.099594

19.6101418,0.334696,9.743873,1.410569,9.851131,81.767609,88.032700

19.6126575,0.334696,9.696016,1.436890,9.807620,81.575417,88.022995

19.6151714,0.288933,9.722338,1.441676,9.832891,81.569031,88.297752

19.6176872,0.257827,9.755837,1.432104,9.863760,81.651810,88.486145

19.6202011,0.257827,9.727123,1.453640,9.838520,81.503448,88.481674

19.6227169,0.243470,9.775279,1.446461,9.884716,81.585518,88.573250

19.6252346,0.245863,9.746265,1.475175,9.860339,81.395851,88.554947

19.6277485,0.202792,9.751051,1.415355,9.855321,81.743019,88.808594

19.6302662,0.164507,9.782457,1.467997,9.893359,81.466827,89.036575

19.6327801,0.162114,9.801600,1.475175,9.913313,81.442177,89.052444

19.6352959,0.133400,9.789636,1.463211,9.899280,81.499977,89.219299

19.6378098,0.131007,9.765409,1.463211,9.875290,81.479172,89.231400

19.6403275,0.109472,9.763016,1.467997,9.873372,81.449425,89.357574

19.6428432,0.090329,9.760623,1.475175,9.871882,81.405991,89.469772

19.6453571,0.075972,9.707980,1.506282,9.824436,81.180626,89.551628

19.6478729,0.068794,9.722338,1.503889,9.838204,81.207169,89.594589

19.6503868,0.078365,9.722338,1.523032,9.841220,81.097099,89.538193

19.6529026,0.068794,9.703195,1.561616,9.828294,80.857536,89.593788

19.6554184,0.075972,9.748658,1.546960,9.870927,80.983505,89.553497

19.6579342,0.071186,9.751051,1.499103,9.865870,81.260139,89.581726

19.6604500,0.102293,9.712767,1.489532,9.826852,81.281631,89.396591

19.6629639,0.071186,9.710373,1.482354,9.823125,81.320656,89.579971

19.6654797,0.044566,9.717552,1.467997,9.827910,81.409569,89.737236

19.6679955,0.054138,9.715159,1.482354,9.827747,81.324768,89.680725

19.6705093,0.061316,9.700802,1.448854,9.808593,81.505600,89.637856

19.6730232,0.090329,9.755837,1.444068,9.862548,81.580521,89.469513

19.6755390,0.135793,9.765409,1.427319,9.870101,81.685287,89.203323

19.6780567,0.157328,9.703195,1.400998,9.805077,81.785179,89.071083

19.6805706,0.138186,9.727123,1.429712,9.832603,81.639259,89.186096

19.6830864,0.174078,9.722338,1.389034,9.822605,81.870445,88.974236

19.6856003,0.209970,9.760623,1.348356,9.855553,82.136604,88.767647

19.6881161,0.219541,9.770494,1.393819,9.871852,81.883217,88.712791

19.6906033,0.236291,9.789636,1.367498,9.887509,82.050186,88.617325

19.6931190,0.281755,9.727123,1.314856,9.819632,82.304939,88.340843

19.6956329,0.308076,9.736694,1.329213,9.831833,82.230110,88.187729

19.6981468,0.303290,9.755837,1.405783,9.861266,81.804214,88.219360

19.7006626,0.346660,9.758230,1.355534,9.858027,82.096466,87.965431

19.7031765,0.365803,9.780065,1.307678,9.873879,82.389496,87.857971

19.7056923,0.356231,9.765409,1.338784,9.863187,82.198853,87.910835

19.7082062,0.380160,9.746265,1.377069,9.850408,81.963829,87.766273

19.7107563,0.361017,9.736694,1.357927,9.837556,82.065842,87.876556

19.7132721,0.375374,9.782457,1.331606,9.879806,82.254066,87.802513

19.7157860,0.380160,9.775279,1.365105,9.877455,82.056061,87.772896

19.7183018,0.353839,9.741480,1.353141,9.841373,82.097069,87.919769

19.7208176,0.408874,9.753445,1.377069,9.858660,81.970604,87.599510

19.7233334,0.380160,9.746265,1.400998,9.853782,81.826065,87.766273

19.7258472,0.394517,9.741480,1.365105,9.844571,82.029350,87.680870

19.7283630,0.392124,9.729516,1.365105,9.832637,82.019615,87.692085

19.7308731,0.425623,9.719945,1.379462,9.826566,81.930115,87.492699

19.7333889,0.416052,9.707980,1.360320,9.811648,82.030655,87.545990

19.7359066,0.406481,9.693624,1.412962,9.804490,81.714043,87.598831

19.7384205,0.411266,9.698409,1.353141,9.800983,82.064293,87.571793

19.7409363,0.408874,9.686445,1.396212,9.795091,81.805031,87.582932

19.7434502,0.430409,9.703195,1.410569,9.814629,81.736771,87.460167

19.7459660,0.451944,9.674481,1.369891,9.781434,81.949257,87.325363

19.7484818,0.408874,9.700802,1.386641,9.807931,81.872314,87.586502

19.7509975,0.418445,9.705587,1.379462,9.812056,81.918098,87.531288

19.7535133,0.423230,9.650553,1.386641,9.758845,81.831161,87.488869

19.7560272,0.399302,9.674481,1.372284,9.779478,81.933472,87.636528

19.7585430,0.411266,9.688838,1.365105,9.793173,81.987244,87.569397

19.7610569,0.399302,9.684052,1.393819,9.791988,81.816559,87.638863

19.7635746,0.375374,9.667302,1.372284,9.771428,81.926781,87.776367

19.7660885,0.363410,9.691231,1.391426,9.797351,81.835213,87.852478

19.7686043,0.361017,9.703195,1.379462,9.807407,81.914238,87.869232

19.7711163,0.353839,9.700802,1.391426,9.806469,81.842850,87.911049

19.7736320,0.324826,9.724730,1.391426,9.829139,81.861794,88.086914

19.7761497,0.310469,9.729516,1.405783,9.835451,81.782562,88.172310

19.7786636,0.315254,9.684052,1.405783,9.790632,81.744682,88.135452

19.7811794,0.332004,9.707980,1.415355,9.816228,81.709900,88.041298

19.7836933,0.303290,9.751051,1.427319,9.859626,81.676392,88.218483

19.7862091,0.341875,9.724730,1.369891,9.826691,81.986572,87.986588

19.7887230,0.377767,9.736694,1.367498,9.839511,82.011154,87.778137

19.7912407,0.365803,9.724730,1.420140,9.834683,81.697395,87.845795

19.7937565,0.368196,9.724730,1.405783,9.832709,81.780251,87.831718

19.7962704,0.380160,9.734302,1.362713,9.836572,82.036903,87.763527

19.7987862,0.413659,9.743873,1.353141,9.846073,82.100868,87.569069

19.8013000,0.389731,9.717552,1.348356,9.818390,82.106651,87.703331

19.8038177,0.380160,9.772886,1.336391,9.871159,82.219208,87.772346

19.8063316,0.413659,9.815957,1.326820,9.913857,82.308746,87.586899

19.8088474,0.416052,9.789636,1.300499,9.884400,82.439621,87.566437

19.8113594,0.420838,9.758230,1.281057,9.850952,82.527863,87.530571

19.8138752,0.444766,9.794421,1.288535,9.888824,82.512947,87.399979

19.8163910,0.442373,9.775279,1.276272,9.868163,82.568993,87.408890

19.8189068,0.430409,9.770494,1.233201,9.857412,82.813240,87.477638

19.8214226,0.463908,9.818350,1.242772,9.907557,82.794022,87.294838

19.8239365,0.473480,9.792028,1.247558,9.882530,82.747704,87.231697

19.8264523,0.490230,9.787243,1.259522,9.880124,82.675980,87.132530

19.8289661,0.499801,9.784850,1.218844,9.873129,82.908707,87.075928

19.8314838,0.478265,9.782457,1.235594,9.871773,82.809753,87.201035

19.8339996,0.480658,9.811171,1.278665,9.905811,82.583435,87.195267

19.8365135,0.504586,9.787243,1.249951,9.879631,82.731575,87.048698

19.8390293,0.509372,9.772886,1.257129,9.866567,82.679871,87.016388

19.8415432,0.492622,9.775279,1.288535,9.872137,82.500221,87.115036

19.8440590,0.528515,9.743873,1.319642,9.847022,82.298378,86.895279

19.8465748,0.533300,9.753445,1.286142,9.852323,82.499084,86.870293

19.8490906,0.528515,9.722338,1.314856,9.825071,82.309227,86.888412

19.8516026,0.528515,9.705587,1.345963,9.812715,82.116158,86.883057

19.8541183,0.540479,9.684052,1.307678,9.786880,82.321442,86.805565

19.8566341,0.542872,9.674481,1.393819,9.789434,81.814415,86.788284

19.8591480,0.554836,9.636196,1.408176,9.754337,81.699539,86.704643

19.8616638,0.554836,9.640982,1.386641,9.755980,81.828743,86.706276

19.8641777,0.540479,9.614660,1.367498,9.726451,81.917679,86.782562

19.8666935,0.571586,9.621839,1.372284,9.735998,81.897209,86.600342

19.8692093,0.573978,9.624231,1.398605,9.742247,81.746056,86.586990

19.8717251,0.573978,9.652946,1.389034,9.769249,81.825737,86.597115

19.8742409,0.578764,9.602696,1.391426,9.720227,81.769981,86.550896

19.8767548,0.610170,9.583553,1.374677,9.700852,81.853378,86.356987

19.8792706,0.619741,9.602696,1.389034,9.722410,81.786087,86.307350

19.8817863,0.597907,9.578768,1.367498,9.694345,81.890732,86.428230

19.8843021,0.602991,9.569197,1.424926,9.693480,81.546982,86.394341

19.8868160,0.600299,9.573982,1.379462,9.691461,81.816849,86.412186

19.8893318,0.597907,9.559626,1.379462,9.677131,81.804649,86.421097

19.8918495,0.590728,9.566804,1.391426,9.685493,81.740257,86.466606

19.8943634,0.571586,9.581161,1.400998,9.699904,81.695488,86.585938

19.8968792,0.578764,9.581161,1.417747,9.702764,81.597984,86.543167

19.8993931,0.550050,9.602696,1.377069,9.716514,81.852341,86.721634

19.9019108,0.593121,9.619446,1.357927,9.732907,81.979980,86.471695

19.9044247,0.595514,9.631411,1.362713,9.745547,81.962036,86.461884

19.9069405,0.576371,9.597911,1.412962,9.718465,81.640175,86.563416

19.9094563,0.540479,9.593125,1.405783,9.710633,81.676186,86.775352

19.9119720,0.545264,9.633803,1.386641,9.748346,81.822304,86.760567

19.9144878,0.538086,9.626625,1.396212,9.742220,81.760246,86.800751

19.9170036,0.514158,9.636196,1.422533,9.754190,81.614182,86.945770

19.9195194,0.471087,9.655338,1.381855,9.765091,81.864784,87.206734

19.9220333,0.485444,9.626625,1.393819,9.739112,81.771828,87.113182

19.9245491,0.444766,9.645767,1.381855,9.754392,81.855797,87.359962

19.9270649,0.425623,9.648160,1.374677,9.754889,81.898811,87.474068

19.9295788,0.387338,9.672089,1.374677,9.776966,81.917221,87.706703

19.9320927,0.413659,9.693624,1.369891,9.798676,81.963516,87.556480

19.9346066,0.389731,9.717552,1.353141,9.819048,82.078987,87.703331

19.9371223,0.377767,9.772886,1.398605,9.879682,81.861656,87.786354

19.9396381,0.382553,9.739087,1.336391,9.837790,82.192650,87.750572

19.9421539,0.372981,9.731909,1.374677,9.835593,81.965721,87.805176

19.9446678,0.392124,9.748658,1.377069,9.853245,81.966156,87.696609

19.9471836,0.408874,9.729516,1.362713,9.832988,82.033981,87.593613

19.9496994,0.413659,9.753445,1.312463,9.850043,82.342888,87.571449

19.9522114,0.420838,9.770494,1.281057,9.863100,82.537117,87.533661

19.9547272,0.439980,9.753445,1.271486,9.845808,82.580109,87.417122

19.9572411,0.423230,9.787243,1.252344,9.876113,82.714981,87.523895

19.9597588,0.435195,9.794421,1.257129,9.884354,82.693115,87.455856

19.9622726,0.430409,9.818350,1.276272,9.910303,82.600769,87.489922

19.9647884,0.492622,9.806385,1.261915,9.899509,82.676437,87.124168

19.9673023,0.518943,9.825528,1.245165,9.917698,82.787491,86.976685

19.9698181,0.521336,9.854242,1.214058,9.942426,82.986176,86.971603

19.9723358,0.533300,9.844670,1.185344,9.930105,83.144325,86.899231

19.9748497,0.566800,9.825528,1.187737,9.913273,83.118698,86.698471

19.9773655,0.638884,9.854242,1.209273,9.948699,83.018387,86.290512

19.9798794,0.634098,9.815957,1.159024,9.904465,83.279831,86.303902

19.9823952,0.612563,9.832706,1.194916,9.923970,83.084404,86.435165

19.9849110,0.662812,9.803992,1.206880,9.900209,82.997971,86.132332

19.9874268,0.677169,9.796814,1.173380,9.890042,83.186234,86.045929

19.9899426,0.658026,9.835099,1.192523,9.928962,83.101807,86.172279

19.9924603,0.669990,9.777672,1.235594,9.878181,82.814445,86.080078

19.9949760,0.717847,9.755837,1.233201,9.859637,82.814873,85.791687

19.9974899,0.758525,9.796814,1.214058,9.900851,82.956573,85.572670

20.0000076,0.744168,9.792028,1.214058,9.895026,82.952408,85.654030

20.0025234,0.672383,9.789636,1.259522,9.893203,82.685715,86.070915

20.0050373,0.741775,9.775279,1.266701,9.884880,82.637573,85.660553

20.0075531,0.746561,9.748658,1.302892,9.863631,82.409592,85.620789

20.0100670,0.772882,9.717552,1.348356,9.841048,82.124939,85.452576

20.0125790,0.758525,9.729516,1.350748,9.852075,82.119759,85.542168

20.0150928,0.717847,9.700802,1.333999,9.818372,82.191208,85.767899

20.0176086,0.717847,9.669696,1.333999,9.787640,82.166534,85.754333

20.0201225,0.705883,9.667302,1.379462,9.790706,81.900352,85.823814

20.0226402,0.696311,9.705587,1.377069,9.827492,81.944969,85.896439

20.0251541,0.741775,9.664909,1.372284,9.789989,81.942192,85.611191

20.0276699,0.713061,9.629018,1.341177,9.748087,82.091957,85.764786

20.0301857,0.681954,9.657731,1.362713,9.777209,81.988235,85.960922

20.0327034,0.703490,9.648160,1.408176,9.775727,81.717834,85.829689

20.0352192,0.667598,9.619446,1.386641,9.741776,81.816750,86.029991

20.0377331,0.636491,9.559626,1.405783,9.683377,81.652596,86.190804

20.0402489,0.634098,9.554840,1.434497,9.682708,81.480247,86.203186

20.0427647,0.605384,9.562018,1.405783,9.683745,81.652916,86.377365

20.0452805,0.585942,9.581161,1.365105,9.695642,81.906105,86.500397

20.0477962,0.593121,9.573982,1.396212,9.693417,81.718475,86.454979

20.0503101,0.559621,9.576375,1.422533,9.697615,81.564903,86.655571

20.0528259,0.538086,9.600304,1.436890,9.722140,81.500801,86.791992

20.0553398,0.509372,9.617053,1.410569,9.733287,81.667229,86.968132

20.0578556,0.526122,9.578768,1.391426,9.693588,81.747208,86.856140

20.0603695,0.528515,9.552447,1.415355,9.671185,81.584679,86.833183

20.0628853,0.502194,9.590733,1.410569,9.706908,81.644424,87.002594

20.0654011,0.526122,9.569197,1.412962,9.687249,81.613037,86.853004

20.0679169,0.530908,9.542876,1.379462,9.656670,81.787163,86.815697

20.0704327,0.502194,9.550055,1.386641,9.663256,81.749794,86.989853

20.0729485,0.571586,9.583553,1.398605,9.701922,81.711502,86.586792

20.0754642,0.523729,9.614660,1.398605,9.729958,81.735558,86.882072

20.0779781,0.466301,9.614660,1.377069,9.723963,81.858627,87.223389

20.0804939,0.487837,9.619446,1.389034,9.731451,81.793770,87.096809

20.0830097,0.435195,9.669696,1.367498,9.775605,81.958588,87.423080

20.0855236,0.478265,9.681660,1.377069,9.790791,81.914574,87.171936

20.0880413,0.487837,9.669696,1.336391,9.773788,82.141205,87.111870

20.0905552,0.451944,9.684052,1.377069,9.791906,81.915497,87.328003

20.0930710,0.471087,9.734302,1.353141,9.839185,82.095306,87.229362

20.0955849,0.475873,9.712767,1.369891,9.820433,81.981438,87.195061

20.0981026,0.475873,9.768100,1.312463,9.867359,82.356400,87.210930

20.1006184,0.490230,9.770494,1.314856,9.870750,82.345032,87.127625

20.1031322,0.447159,9.777672,1.305285,9.874542,82.404022,87.381538

20.1056480,0.461516,9.768100,1.312463,9.866677,82.355873,87.294945

20.1081619,0.514158,9.777672,1.293321,9.876229,82.475342,86.989883

20.1106777,0.523729,9.801600,1.283749,9.899175,82.548759,86.941422

20.1131973,0.545264,9.794421,1.314856,9.897315,82.365700,86.813583

20.1157112,0.535693,9.803992,1.329213,9.908180,82.290352,86.872452

20.1182270,0.485444,9.806385,1.312463,9.905725,82.386185,87.166008

20.1207409,0.485444,9.808778,1.276272,9.903365,82.595551,87.166702

20.1232567,0.540479,9.827921,1.302892,9.928629,82.459572,86.852234

20.1257725,0.518943,9.782457,1.271486,9.878383,82.604713,86.963402

20.1282883,0.511765,9.775279,1.333999,9.879147,82.239540,87.003128

20.1308041,0.499801,9.748658,1.348356,9.854146,82.135475,87.065094

20.1333179,0.518943,9.772886,1.336391,9.877477,82.224213,86.960434

20.1358337,0.492622,9.753445,1.324427,9.855276,82.276787,87.108589

20.1383476,0.514158,9.775279,1.345963,9.880894,82.170898,86.989143

20.1408634,0.585942,9.789636,1.350748,9.899738,82.157936,86.574745

20.1433792,0.547657,9.770494,1.353141,9.878941,82.127319,86.791801

20.1458950,0.576371,9.715159,1.379462,9.829519,81.932549,86.604797

20.1484089,0.535693,9.719945,1.400998,9.834993,81.810341,86.845459

20.1509247,0.562014,9.710373,1.403391,9.827345,81.789825,86.687546

20.1534405,0.612563,9.731909,1.384248,9.848930,81.920441,86.398338

20.1559563,0.578764,9.727123,1.432104,9.849001,81.639206,86.594917

20.1584721,0.585942,9.657731,1.427319,9.780201,81.608307,86.528076

20.1609859,0.559621,9.664909,1.427319,9.785749,81.613098,86.686134

20.1635017,0.590728,9.676874,1.391426,9.794229,81.832588,86.506691

20.1660156,0.583550,9.722338,1.427319,9.843862,81.662964,86.565140

20.1685333,0.552443,9.693624,1.436890,9.815100,81.581879,86.738220

20.1710491,0.557229,9.645767,1.422533,9.766008,81.624405,86.693741

20.1735649,0.514158,9.657731,1.429712,9.776513,81.590942,86.952568

20.1760807,0.526122,9.679267,1.451247,9.801588,81.485344,86.888718

20.1785946,0.523729,9.672089,1.441676,9.792958,81.534401,86.900543

20.1811104,0.483051,9.703195,1.427319,9.819499,81.642128,87.150017

20.1836281,0.451944,9.684052,1.463211,9.804392,81.417091,87.328003

20.1861420,0.495015,9.643374,1.448854,9.764163,81.466660,87.061462

20.1886578,0.478265,9.676874,1.484746,9.801791,81.287468,87.170540

20.1911716,0.459123,9.679267,1.472782,9.801434,81.357895,87.284286

20.1936893,0.454337,9.724730,1.465604,9.845039,81.438713,87.325096

20.1962032,0.432802,9.674481,1.465604,9.794432,81.394142,87.438499

20.1987190,0.418445,9.669696,1.451247,9.786942,81.472504,87.522141

20.2012329,0.418445,9.679267,1.499103,9.803602,81.204193,87.524582

20.2037506,0.392124,9.688838,1.501496,9.812331,81.197945,87.682404

20.2062664,0.420838,9.667302,1.511068,9.793731,81.124420,87.507370

20.2087803,0.423230,9.636196,1.520639,9.764617,81.040894,87.485130

20.2112961,0.358624,9.609875,1.470389,9.728327,81.306702,87.862808

20.2138081,0.351446,9.626625,1.491925,9.747885,81.196213,87.909195

20.2163239,0.365803,9.655338,1.470389,9.773506,81.347198,87.830330

20.2188377,0.387338,9.638589,1.436890,9.752799,81.527710,87.698738

20.2213535,0.375374,9.648160,1.456033,9.764627,81.424477,87.771957

20.2238712,0.344267,9.669696,1.456033,9.784762,81.442253,87.960976

20.2263851,0.351446,9.626625,1.429712,9.738558,81.557930,87.909195

20.2289009,0.361017,9.679267,1.448854,9.793759,81.492638,87.863976

20.2314148,0.370588,9.669696,1.444068,9.783951,81.512383,87.805229

20.2339306,0.387338,9.648160,1.381855,9.754309,81.855728,87.701019

20.2364445,0.377767,9.727123,1.369891,9.830373,81.989594,87.775955

20.2389603,0.399302,9.679267,1.329213,9.778264,82.187279,87.637695

20.2414742,0.389731,9.626625,1.377069,9.732427,81.865753,87.681664

20.2439899,0.389731,9.664909,1.336391,9.764646,82.133797,87.690834

20.2465076,0.435195,9.645767,1.317249,9.745017,82.231461,87.416702

20.2490215,0.428016,9.684052,1.326820,9.783891,82.205948,87.469284

20.2515373,0.439980,9.672089,1.300499,9.769042,82.349815,87.395432

20.2540550,0.413659,9.676874,1.312463,9.774229,82.283134,87.552254

20.2565708,0.444766,9.676874,1.317249,9.776239,82.256424,87.368439

20.2590866,0.432802,9.693624,1.302892,9.790361,82.352448,87.443550

20.2616005,0.423230,9.707980,1.278665,9.800969,82.503647,87.503708

20.2641163,0.447159,9.679267,1.312463,9.778073,82.286186,87.354958

20.2666321,0.439980,9.693624,1.302892,9.790682,82.352699,87.401207

20.2691479,0.418445,9.688838,1.295713,9.784045,82.389893,87.527023

20.2716618,0.463908,9.703195,1.341177,9.806424,82.139297,87.262779

20.2741756,0.454337,9.681660,1.343570,9.784996,82.107826,87.313217

20.2766933,0.478265,9.674481,1.386641,9.785045,81.853180,87.169846

20.2792072,0.461516,9.688838,1.353141,9.793752,82.058395,87.272850

20.2817230,0.444766,9.710373,1.338784,9.812314,82.158150,87.377502

20.2842369,0.447159,9.693624,1.357927,9.798482,82.033997,87.358864

20.2867527,0.451944,9.705587,1.400998,9.816591,81.794884,87.333923

20.2892666,0.454337,9.698409,1.384248,9.807227,81.885849,87.317848

20.2917843,0.430409,9.710373,1.420140,9.823105,81.687538,87.462044

20.2942944,0.478265,9.679267,1.484746,9.804153,81.289581,87.171242

20.2968102,0.475873,9.672089,1.441676,9.790515,81.532272,87.183281

20.2993279,0.492622,9.657731,1.441676,9.777161,81.520622,87.079979

20.3018417,0.487837,9.645767,1.484746,9.771555,81.260300,87.104721

20.3043575,0.449552,9.655338,1.484746,9.779168,81.267151,87.334236

20.3068714,0.461516,9.681660,1.479961,9.804990,81.318619,87.270828

20.3093872,0.459123,9.684052,1.472782,9.806159,81.362091,87.285629

20.3119011,0.456730,9.636196,1.489532,9.761332,81.222649,87.286362

20.3144188,0.468694,9.660124,1.475175,9.783343,81.327614,87.222275

20.3169327,0.463908,9.686445,1.508675,9.814200,81.157219,87.258057

20.3194485,0.473480,9.674481,1.470389,9.797031,81.368134,87.198120

20.3219643,0.475873,9.705587,1.470389,9.827865,81.395424,87.192993

20.3244781,0.454337,9.698409,1.487139,9.822278,81.291656,87.317848

20.3269958,0.420838,9.696016,1.465604,9.815184,81.412476,87.514740

20.3295097,0.423230,9.693624,1.458425,9.811853,81.451927,87.500015

20.3320255,0.425623,9.698409,1.460818,9.817040,81.442360,87.487137

20.3345375,0.439980,9.722338,1.448854,9.839543,81.532516,87.408875

20.3370533,0.413659,9.770494,1.439283,9.884593,81.627472,87.575684

20.3395710,0.408874,9.741480,1.422533,9.853284,81.699120,87.596565

20.3420849,0.413659,9.724730,1.412962,9.835546,81.740387,87.564285

20.3446007,0.466301,9.739087,1.436890,9.855552,81.616684,87.258804

20.3471146,0.463908,9.724730,1.434497,9.840903,81.618195,87.268829

20.3496304,0.439980,9.734302,1.386641,9.842407,81.900978,87.412048

20.3521442,0.449552,9.765409,1.381855,9.872933,81.954239,87.364243

20.3546600,0.432802,9.772886,1.417747,9.884666,81.753685,87.464256

20.3571739,0.437587,9.780065,1.396212,9.888911,81.883308,87.438133

20.3596897,0.432802,9.796814,1.360320,9.900270,82.102448,87.470444

20.3622055,0.444766,9.751051,1.384248,9.858851,81.928627,87.388428

20.3647194,0.416052,9.751051,1.365105,9.854928,82.037781,87.556816

20.3672352,0.442373,9.722338,1.365105,9.827668,82.015556,87.394798

20.3697510,0.430409,9.763016,1.329213,9.862481,82.254410,87.475716

20.3722668,0.430409,9.703195,1.312463,9.801010,82.304344,87.460167

20.3747902,0.449552,9.688838,1.350748,9.792865,82.071808,87.343445

20.3773041,0.466301,9.700802,1.348356,9.805155,82.095924,87.248009

20.3798199,0.490230,9.676874,1.353141,9.783313,82.049866,87.099884

20.3823338,0.509372,9.686445,1.345963,9.792768,82.099998,86.989815

20.3848515,0.497408,9.693624,1.312463,9.794708,82.299362,87.062561

20.3873672,0.514158,9.684052,1.322034,9.787390,82.237030,86.960838

20.3898811,0.516551,9.676874,1.341177,9.783020,82.120377,86.944458

20.3923969,0.530908,9.717552,1.326820,9.822074,82.236435,86.872818

20.3949089,0.533300,9.696016,1.298106,9.797051,82.385933,86.851791

20.3974247,0.552443,9.676874,1.333999,9.783999,82.163605,86.732590

20.3999386,0.509372,9.703195,1.343570,9.809008,82.127274,86.995003

20.4024544,0.511765,9.700802,1.338784,9.806110,82.153160,86.980164

20.4049683,0.521336,9.679267,1.362713,9.788615,81.997635,86.916962

20.4074860,0.530908,9.662517,1.374677,9.774242,81.914955,86.855042

20.4100018,0.547657,9.698409,1.319642,9.803087,82.263649,86.768013

20.4125156,0.559621,9.700802,1.355534,9.811025,82.058357,86.698372

20.4150238,0.530908,9.686445,1.348356,9.794241,82.087059,86.862793

20.4175396,0.550050,9.676874,1.348356,9.785831,82.080215,86.746712

20.4200554,0.583550,9.724730,1.367498,9.837731,82.009697,86.565987

20.4225693,0.566800,9.722338,1.372284,9.835053,81.979355,86.663506

20.4250851,0.550050,9.705587,1.369891,9.817208,81.978783,86.756317

20.4276009,0.554836,9.693624,1.355534,9.803656,82.052353,86.724129

20.4301167,0.552443,9.705587,1.341177,9.813377,82.144905,86.742233

20.4326305,0.542872,9.696016,1.396212,9.811058,81.818459,86.795403

20.4351521,0.562014,9.722338,1.384248,9.836455,81.910126,86.691612

20.4376678,0.566800,9.686445,1.338784,9.794939,82.144150,86.651169

20.4401817,0.557229,9.696016,1.369891,9.808151,81.971329,86.710838

20.4426975,0.578764,9.705587,1.343570,9.815222,82.132286,86.587379

20.4452133,0.573978,9.724730,1.345963,9.834198,82.133492,86.622177

20.4477291,0.540479,9.691231,1.314856,9.794943,82.285423,86.807930

20.4502449,0.542872,9.681660,1.355534,9.791155,82.042137,86.790665

20.4527588,0.530908,9.703195,1.355534,9.811795,82.058990,86.868202

20.4552727,0.526122,9.684052,1.329213,9.788998,82.195900,86.890251

20.4577866,0.573978,9.667302,1.341177,9.776755,82.115295,86.602158

20.4603024,0.514158,9.724730,1.389034,9.836877,81.882317,86.973526

20.4628162,0.530908,9.719945,1.362713,9.829353,82.031013,86.873589

20.4653339,0.545264,9.700802,1.389034,9.814901,81.864021,86.782890

20.4678478,0.487837,9.712767,1.410569,9.826777,81.747063,87.124657

20.4703636,0.480658,9.691231,1.453640,9.811424,81.479813,87.160614

20.4728794,0.478265,9.655338,1.453640,9.775856,81.448578,87.164238

20.4753914,0.499801,9.674481,1.448854,9.795130,81.493835,87.042625

20.4779091,0.511765,9.703195,1.432104,9.821651,81.615761,86.980911

20.4804230,0.495015,9.705587,1.417747,9.821073,81.699913,87.080269

20.4829388,0.487837,9.691231,1.436890,9.809311,81.576874,87.118279

20.4854527,0.468694,9.712767,1.422533,9.827569,81.677246,87.237305

20.4879684,0.451944,9.712767,1.470389,9.833826,81.400681,87.335892

20.4904823,0.447159,9.705587,1.441676,9.822261,81.559845,87.362114

20.4929981,0.447159,9.676874,1.422533,9.791090,81.646011,87.354301

20.4955139,0.430409,9.707980,1.415355,9.820048,81.713150,87.461418

20.4980278,0.461516,9.707980,1.420140,9.822152,81.686729,87.278221

20.5005436,0.468694,9.712767,1.444068,9.830709,81.553047,87.237305

20.5030594,0.432802,9.693624,1.429712,9.808044,81.618172,87.443550

20.5055752,0.444766,9.705587,1.410569,9.817635,81.739319,87.376213

20.5080891,0.389731,9.734302,1.398605,9.841982,81.830269,87.707283

20.5106049,0.396909,9.712767,1.405783,9.821996,81.771225,87.659927

20.5131187,0.406481,9.686445,1.424926,9.799126,81.638771,87.597054

20.5156059,0.349053,9.676874,1.405783,9.784679,81.739624,87.934189

20.5181217,0.351446,9.691231,1.396212,9.797595,81.807137,87.923119

20.5206337,0.363410,9.696016,1.389034,9.801745,81.853027,87.853539

20.5231495,0.349053,9.727123,1.415355,9.835751,81.726471,87.944855

20.5256634,0.303290,9.707980,1.412962,9.814955,81.722939,88.210587

20.5281792,0.300897,9.672089,1.410569,9.779037,81.706490,88.218109

20.5306911,0.300897,9.696016,1.400998,9.801330,81.782021,88.222504

20.5332069,0.310469,9.727123,1.386641,9.830366,81.890991,88.171860

20.5357533,0.296112,9.722338,1.389034,9.825525,81.872879,88.255493

20.5382690,0.288933,9.705587,1.365105,9.805377,81.997284,88.294823

20.5407848,0.279362,9.741480,1.372284,9.841628,81.984749,88.357346

20.5432987,0.262612,9.731909,1.357927,9.829699,82.059464,88.454269

20.5458145,0.312862,9.753445,1.367498,9.853812,82.022827,88.162750

20.5483284,0.253041,9.763016,1.403391,9.866611,81.822723,88.515320

20.5508461,0.231506,9.808778,1.367498,9.906350,82.065407,88.647964

20.5533600,0.272184,9.787243,1.374677,9.887059,82.007820,88.407013

20.5558758,0.272184,9.743873,1.444068,9.854058,81.573212,88.399925

20.5583935,0.212363,9.746265,1.465604,9.858133,81.450172,88.751770

20.5609074,0.202792,9.741480,1.381855,9.841091,81.928032,88.807426

20.5634232,0.243470,9.768100,1.377069,9.867693,81.977997,88.572197

20.5659370,0.200399,9.794421,1.408176,9.897161,81.820152,88.827866

20.5684528,0.152542,9.835099,1.403391,9.935892,81.880135,89.111412

20.5709667,0.178863,9.837492,1.377069,9.935017,82.032715,88.958374

20.5734844,0.142971,9.792028,1.369891,9.888420,82.036926,89.163498

20.5760021,0.111864,9.760623,1.389034,9.859598,81.901154,89.343376

20.5785160,0.119043,9.801600,1.365105,9.896920,82.071785,89.304161

20.5810318,0.159721,9.803992,1.345963,9.897242,82.183914,89.066650

20.5835457,0.212363,9.741480,1.329213,9.834040,82.231865,88.751160

20.5860634,0.202792,9.763016,1.353141,9.858427,82.110832,88.810059

20.5885792,0.207577,9.748658,1.396212,9.850322,81.851295,88.780190

20.5910931,0.202792,9.765409,1.360320,9.861785,82.071426,88.810349

20.5936089,0.205185,9.746265,1.393819,9.847565,81.863060,88.793953

20.5961246,0.260219,9.775279,1.420140,9.881326,81.736855,88.475136

20.5986404,0.236291,9.789636,1.393819,9.891185,81.899185,88.617325

20.6011543,0.269791,9.751051,1.377069,9.851502,81.964729,88.415154

20.6036720,0.308076,9.736694,1.398605,9.841455,81.829826,88.187729

20.6061878,0.308076,9.765409,1.367498,9.865503,82.032341,88.193054

20.6087017,0.305683,9.743873,1.386641,9.846790,81.904610,88.203117

20.6112175,0.346660,9.729516,1.374677,9.832262,81.962982,87.959427

20.6137314,0.315254,9.743873,1.396212,9.848444,81.849731,88.146889

20.6162472,0.327219,9.739087,1.410569,9.846147,81.763405,88.075676

20.6187611,0.305683,9.715159,1.398605,9.820074,81.811920,88.197807

20.6212769,0.317647,9.734302,1.410569,9.841100,81.759155,88.131004

20.6237907,0.300897,9.715159,1.396212,9.819586,81.825615,88.226006

20.6263065,0.320040,9.736694,1.412962,9.843886,81.747429,88.117393

20.6288242,0.315254,9.696016,1.386641,9.799740,81.865479,88.137749

20.6313381,0.370588,9.727123,1.398605,9.834143,81.823715,87.818176

20.6338539,0.406481,9.696016,1.367498,9.800408,81.979073,87.599426

20.6363659,0.384945,9.696016,1.326820,9.793945,82.213997,87.726471

20.6388817,0.337089,9.710373,1.367498,9.811984,81.988594,88.011818

20.6413956,0.365803,9.691231,1.379462,9.795748,81.904556,87.838356

20.6439114,0.380160,9.715159,1.360320,9.817297,82.035263,87.759125

20.6464252,0.356231,9.768100,1.326820,9.864235,82.269821,87.911415

20.6489410,0.370588,9.715159,1.369891,9.818262,81.979652,87.815491

20.6514587,0.368196,9.724730,1.369891,9.827642,81.987358,87.831718

20.6539726,0.334696,9.746265,1.379462,9.849092,81.948692,88.033180

20.6564903,0.337089,9.739087,1.329213,9.835154,82.232750,88.017670

20.6590042,0.334696,9.717552,1.362713,9.818341,82.022018,88.027374

20.6615200,0.305683,9.712767,1.338784,9.809364,82.155777,88.197365

20.6640339,0.327219,9.703195,1.319642,9.797985,82.259598,88.068558

20.6665497,0.349053,9.736694,1.266701,9.824947,82.592407,87.946869

20.6690674,0.377767,9.715159,1.283749,9.806888,82.478233,87.773216

20.6715813,0.387338,9.693624,1.288535,9.786557,82.434258,87.711792

20.6740971,0.358624,9.731909,1.300499,9.824966,82.393616,87.889587

20.6766109,0.339482,9.700802,1.249951,9.786888,82.662323,87.995743

20.6791267,0.344267,9.700802,1.226022,9.784028,82.801422,87.967506

20.6816406,0.363410,9.710373,1.261915,9.798767,82.600723,87.856712

20.6841564,0.310469,9.715159,1.293321,9.805783,82.420967,88.169617

20.6866722,0.288933,9.729516,1.281057,9.817742,82.502441,88.299011

20.6891861,0.329611,9.729516,1.223630,9.811697,82.835915,88.059708

20.6917019,0.339482,9.722338,1.264308,9.810075,82.595207,88.000175

20.6942177,0.349053,9.729516,1.218844,9.811773,82.864136,87.945358

20.6967373,0.320040,9.731909,1.233201,9.814951,82.781982,88.116470

20.6992531,0.344267,9.758230,1.276272,9.847358,82.553200,87.979462

20.7017689,0.353839,9.775279,1.247558,9.860917,82.731720,87.926956

20.7042847,0.344267,9.792028,1.223630,9.874189,82.881493,87.986427

20.7067986,0.375374,9.770494,1.242772,9.856365,82.756393,87.799828

20.7093143,0.368196,9.727123,1.249951,9.814014,82.682716,87.832245

20.7118282,0.353839,9.739087,1.190130,9.817913,83.037468,87.919258

20.7143459,0.351446,9.715159,1.242772,9.800629,82.714973,87.928230

20.7168560,0.322433,9.729516,1.230808,9.812356,82.794151,88.101929

20.7193718,0.334696,9.763016,1.266701,9.850534,82.611763,88.036552

20.7218895,0.346660,9.743873,1.218844,9.825925,82.874466,87.962433

20.7244034,0.337089,9.719945,1.235594,9.803962,82.759758,88.013771

20.7269192,0.332004,9.710373,1.324427,9.805901,82.237663,88.041779

20.7294331,0.312862,9.696016,1.293321,9.786894,82.406250,88.151878

20.7319489,0.272184,9.700802,1.288535,9.789789,82.436768,88.392822

20.7344646,0.315254,9.691231,1.317249,9.785422,82.263733,88.136833

20.7369823,0.349053,9.717552,1.317249,9.812635,82.285324,87.942825

20.7394981,0.327219,9.712767,1.290928,9.803642,82.433411,88.070465

20.7420120,0.365803,9.731909,1.326820,9.828750,82.241737,87.847382

20.7445278,0.334696,9.734302,1.293321,9.825544,82.436302,88.030769

20.7470417,0.315254,9.705587,1.283749,9.795194,82.469200,88.139587

20.7495594,0.296112,9.743873,1.281057,9.832184,82.513519,88.259346

20.7520733,0.317647,9.712767,1.273879,9.801097,82.531960,88.126862

20.7545891,0.286541,9.715159,1.286142,9.804111,82.461983,88.310600

20.7571068,0.332004,9.722338,1.307678,9.815503,82.343964,88.044189

20.7596207,0.296112,9.724730,1.322034,9.818647,82.261894,88.255920

20.7621365,0.293719,9.707980,1.341177,9.804586,82.137817,88.267021

20.7646523,0.312862,9.698409,1.348356,9.796687,82.089050,88.152336

20.7671680,0.332004,9.684052,1.333999,9.781137,82.161293,88.036461

20.7696819,0.324826,9.664909,1.350748,9.764247,82.048424,88.075081

20.7721977,0.349053,9.688838,1.326820,9.785493,82.207230,87.936737

20.7747135,0.384945,9.688838,1.295713,9.782670,82.388817,87.724792

20.7772331,0.370588,9.655338,1.283749,9.747354,82.432022,87.801971

20.7797489,0.322433,9.679267,1.290928,9.770295,82.407433,88.092087

20.7822628,0.334696,9.705587,1.264308,9.793310,82.582466,88.024948

20.7847786,0.363410,9.700802,1.310070,9.795607,82.314201,87.854599

20.7872963,0.339482,9.703195,1.273879,9.792344,82.525246,87.996231

20.7898102,0.300897,9.729516,1.276272,9.817479,82.530411,88.228622

20.7923260,0.349053,9.736694,1.310070,9.830633,82.341743,87.946869

20.7948418,0.358624,9.736694,1.278665,9.826841,82.523499,87.890625

20.7973576,0.392124,9.748658,1.235594,9.834470,82.782333,87.696609

20.7998734,0.411266,9.768100,1.247558,9.856030,82.728096,87.589096

20.8023891,0.404088,9.739087,1.223630,9.823969,82.844910,87.624084

20.8049049,0.413659,9.722338,1.230808,9.808661,82.791420,87.563690

20.8074188,0.451944,9.753445,1.235594,9.841780,82.787727,87.346992

20.8099346,0.454337,9.775279,1.175773,9.856214,83.148720,87.338913

20.8124504,0.502194,9.777672,1.173380,9.860623,83.165802,87.059799

20.8149662,0.502194,9.777672,1.170988,9.860338,83.179611,87.059799

20.8174782,0.514158,9.782457,1.166202,9.865133,83.210930,86.991348

20.8199940,0.506979,9.803992,1.216451,9.892171,82.936394,87.039787

20.8225098,0.526122,9.763016,1.185344,9.848773,83.087433,86.915352

20.8250237,0.533300,9.760623,1.190130,9.847364,83.058395,86.872589

20.8275394,0.530908,9.727123,1.149452,9.809181,83.270546,86.875893

20.8300552,0.542872,9.768100,1.156631,9.851308,83.257416,86.819000

20.8325710,0.581157,9.763016,1.182952,9.851579,83.103432,86.593414

20.8350849,0.605384,9.727123,1.199701,9.819507,82.982338,86.438690

20.8376007,0.578764,9.722338,1.159024,9.808270,83.213615,86.593246

20.8401165,0.576371,9.710373,1.204487,9.801752,82.941376,86.603127

20.8426304,0.571586,9.705587,1.209273,9.797320,82.909966,86.629608

20.8451462,0.588335,9.729516,1.204487,9.821426,82.955582,86.539589

20.8476601,0.588335,9.707980,1.245165,9.805175,82.704277,86.531929

20.8501778,0.595514,9.686445,1.216451,9.780676,82.855453,86.481934

20.8526917,0.559621,9.693624,1.226022,9.786860,82.803520,86.695930

20.8552074,0.554836,9.705587,1.233201,9.799339,82.770424,86.728157

20.8577251,0.554836,9.679267,1.254736,9.776012,82.625832,86.719276

20.8602390,0.552443,9.662517,1.259522,9.759909,82.585266,86.727745

20.8627548,0.509372,9.681660,1.254736,9.775908,82.625755,86.988327

20.8652706,0.471087,9.672089,1.266701,9.766051,82.547485,87.211563

20.8677864,0.439980,9.698409,1.269093,9.790981,82.552444,87.402489

20.8703003,0.411266,9.664909,1.312463,9.762283,82.273636,87.563393

20.8728161,0.404088,9.662517,1.329213,9.761881,82.174088,87.605278

20.8753338,0.428016,9.674481,1.305285,9.771518,82.323448,87.466782

20.8778458,0.399302,9.672089,1.343570,9.773123,82.098183,87.635948

20.8803616,0.365803,9.672089,1.341177,9.771482,82.111008,87.834084

20.8828773,0.365803,9.684052,1.350748,9.784641,82.065102,87.836754

20.8853931,0.358624,9.696016,1.343570,9.795230,82.116127,87.881783

20.8879070,0.365803,9.698409,1.331606,9.796229,82.187576,87.839951

20.8904228,0.361017,9.722338,1.348356,9.822028,82.109589,87.873428

20.8929367,0.322433,9.751051,1.312463,9.844263,82.338364,88.106117

20.8954544,0.312862,9.755837,1.288535,9.845535,82.479836,88.163200

20.8979740,0.310469,9.796814,1.286142,9.885753,82.524597,88.184860

20.9004879,0.320040,9.820743,1.307678,9.912589,82.419395,88.133499

20.9030037,0.296112,9.801600,1.324427,9.895107,82.308067,88.269592

20.9055214,0.243470,9.813564,1.326820,9.905846,82.302490,88.578812

20.9080353,0.265005,9.830314,1.317249,9.921716,82.370644,88.455795

20.9105511,0.274576,9.827921,1.310070,9.918654,82.410110,88.399666

20.9130650,0.288933,9.827921,1.283749,9.915620,82.561188,88.316032

20.9155827,0.284148,9.825528,1.254736,9.909395,82.725632,88.343506

20.9180927,0.298505,9.815957,1.259522,9.900935,82.691460,88.258163

20.9206085,0.305683,9.768100,1.261915,9.854016,82.642441,88.207573

20.9231224,0.315254,9.811171,1.216451,9.891320,82.935783,88.159592

20.9256382,0.303290,9.818350,1.223630,9.898952,82.899391,88.230690

20.9281559,0.303290,9.813564,1.218844,9.893615,82.923470,88.229828

20.9306698,0.308076,9.803992,1.214058,9.883679,82.944275,88.200157

20.9331856,0.305683,9.784850,1.221237,9.865503,82.889198,88.210640

20.9356995,0.332004,9.789636,1.240379,9.873487,82.783020,88.057625

20.9382133,0.346660,9.811171,1.235594,9.894743,82.826530,87.976395

20.9407272,0.334696,9.741480,1.230808,9.824629,82.803200,88.032219

20.9432430,0.334696,9.696016,1.233201,9.779854,82.755943,88.022995

20.9457588,0.341875,9.724730,1.199701,9.804415,82.971481,87.986588

20.9482746,0.341875,9.719945,1.216451,9.801732,82.870880,87.985596

20.9507904,0.351446,9.700802,1.245165,9.786700,82.690430,87.925163

20.9533043,0.351446,9.686445,1.230808,9.770651,82.763229,87.922096

20.9558201,0.358624,9.648160,1.252344,9.735705,82.609329,87.871284

20.9583340,0.365803,9.643374,1.273879,9.734025,82.480209,87.827637

20.9608498,0.361017,9.664909,1.257129,9.753009,82.594170,87.860802

20.9633656,0.382553,9.669696,1.264308,9.759501,82.556625,87.734444

20.9658813,0.380160,9.676874,1.271486,9.767450,82.520248,87.750267

20.9683971,0.353839,9.679267,1.341177,9.778148,82.116425,87.906410

20.9709110,0.329611,9.696016,1.329213,9.792252,82.198509,88.053009

20.9734268,0.341875,9.676874,1.329213,9.773719,82.183624,87.976639

20.9759426,0.372981,9.650553,1.357927,9.752756,81.996407,87.786697

20.9784584,0.387338,9.691231,1.360320,9.793899,82.016113,87.711227

20.9809742,0.337089,9.684052,1.288535,9.775215,82.425423,88.006416

20.9834900,0.346660,9.691231,1.317249,9.786484,82.264580,87.951378

20.9860058,0.315254,9.674481,1.357927,9.774403,82.014252,88.133614

20.9885197,0.320040,9.705587,1.312463,9.799153,82.302879,88.111366

20.9910355,0.339482,9.715159,1.290928,9.806430,82.435570,87.998695

20.9935493,0.322433,9.715159,1.324427,9.810321,82.241180,88.099129

20.9960670,0.312862,9.696016,1.331606,9.792027,82.184196,88.151878

20.9985867,0.361017,9.672089,1.293321,9.764851,82.389008,87.862389

21.0011005,0.327219,9.669696,1.281057,9.759672,82.457573,88.061874

21.0036163,0.322433,9.717552,1.254736,9.803528,82.646645,88.099594

21.0061302,0.329611,9.724730,1.269093,9.812727,82.569046,88.058754

21.0086460,0.320040,9.700802,1.245165,9.785624,82.689621,88.110435

21.0111618,0.317647,9.707980,1.237987,9.791751,82.736565,88.125938

21.0136776,0.339482,9.722338,1.230808,9.805814,82.789314,88.000175

21.0161915,0.349053,9.717552,1.257129,9.804746,82.633461,87.942825

21.0187035,0.337089,9.722338,1.264308,9.809993,82.595146,88.014259

21.0212212,0.353839,9.734302,1.295713,9.826530,82.422989,87.918236

21.0237350,0.365803,9.731909,1.257129,9.819585,82.644653,87.847382

21.0262508,0.337089,9.734302,1.249951,9.820012,82.687210,88.016701

21.0287647,0.320040,9.724730,1.249951,9.809954,82.679665,88.115082

21.0312805,0.332004,9.748658,1.218844,9.830165,82.877556,88.049469

21.0337963,0.315254,9.760623,1.221237,9.841777,82.871964,88.150070

21.0363121,0.279362,9.748658,1.214058,9.827935,82.904045,88.358559

21.0388298,0.279362,9.724730,1.221237,9.805093,82.845154,88.354515

21.0413437,0.312862,9.768100,1.240379,9.851507,82.766830,88.165504

21.0438595,0.351446,9.763016,1.218844,9.845078,82.888397,87.938377

21.0463734,0.337089,9.712767,1.226022,9.795642,82.810005,88.012306

21.0488911,0.305683,9.748658,1.223630,9.829906,82.849258,88.203995

21.0514050,0.288933,9.780065,1.199701,9.857608,83.009598,88.307800

21.0539207,0.308076,9.753445,1.192523,9.830906,83.032661,88.190834

21.0564365,0.324826,9.755837,1.206880,9.835569,82.951721,88.093010

21.0589504,0.344267,9.780065,1.178166,9.856788,83.135117,87.983971

21.0614662,0.298505,9.748658,1.204487,9.827321,82.959831,88.246147

21.0639820,0.296112,9.799207,1.187737,9.875366,83.092155,88.269165

21.0664978,0.293719,9.780065,1.199701,9.857749,83.009697,88.279785

21.0690117,0.298505,9.806385,1.175773,9.881130,83.166084,88.256462

21.0715275,0.276969,9.784850,1.192523,9.861142,83.054131,88.378624

21.0740414,0.269791,9.772886,1.230808,9.853780,82.824600,88.418694

21.0765572,0.272184,9.803992,1.194916,9.880292,83.053680,88.409737

21.0790787,0.286541,9.784850,1.209273,9.863455,82.957741,88.322624

21.0815926,0.300897,9.806385,1.202094,9.884369,83.014641,88.242500

21.0841084,0.339482,9.818350,1.226022,9.900423,82.886497,88.019714

21.0866222,0.305683,9.825528,1.240379,9.908228,82.808456,88.218040

21.0891399,0.286541,9.801600,1.247558,9.884830,82.749397,88.325485

21.0916557,0.274576,9.832706,1.276272,9.918991,82.607285,88.400444

21.0941696,0.279362,9.818350,1.271486,9.904278,82.624161,88.370201

21.0966854,0.291326,9.760623,1.230808,9.842231,82.816139,88.290398

21.0992031,0.272184,9.758230,1.237987,9.840211,82.772530,88.402283

21.1017208,0.279362,9.806385,1.242772,9.888766,82.780251,88.368210

21.1042366,0.286541,9.741480,1.295713,9.831450,82.426804,88.315163

21.1067505,0.284148,9.768100,1.298106,9.858072,82.433342,88.333771

21.1092682,0.300897,9.753445,1.269093,9.840265,82.589958,88.232964

21.1117821,0.248255,9.712767,1.257129,9.796930,82.627556,88.535858

21.1142979,0.334696,9.748658,1.230808,9.831747,82.808441,88.033661

21.1168156,0.286541,9.703195,1.235594,9.785744,82.746208,88.308517

21.1193237,0.286541,9.707980,1.185344,9.784275,83.041641,88.309349

21.1218376,0.305683,9.729516,1.173380,9.804782,83.126694,88.200470

21.1243534,0.322433,9.707980,1.187737,9.785682,83.028534,88.097725

21.1268692,0.312862,9.729516,1.194916,9.807609,83.001945,88.158234

21.1293831,0.334696,9.729516,1.187737,9.807458,83.044090,88.029800

21.1319008,0.382553,9.703195,1.144667,9.777965,83.277199,87.742256

21.1344147,0.377767,9.707980,1.142274,9.782248,83.294273,87.771576

21.1369305,0.346660,9.741480,1.147059,9.814904,83.288551,87.961937

21.1394444,0.341875,9.712767,1.163809,9.788216,83.171432,87.984108

21.1419601,0.377767,9.729516,1.163809,9.806153,83.183983,87.776497

21.1444759,0.368196,9.734302,1.135095,9.807173,83.353615,87.833847

21.1469898,0.392124,9.715159,1.180559,9.794478,83.077126,87.688683

21.1495075,0.404088,9.693624,1.168595,9.772166,83.131905,87.612953

21.1520214,0.372981,9.693624,1.154238,9.769223,83.214630,87.796516

21.1545372,0.358624,9.676874,1.161416,9.752916,83.160759,87.877594

21.1570511,0.356231,9.700802,1.154238,9.775722,83.219162,87.896935

21.1595707,0.358624,9.703195,1.187737,9.782194,83.026039,87.883347

21.1620865,0.332004,9.655338,1.237987,9.740041,82.697792,88.030632

21.1646004,0.349053,9.679267,1.216451,9.761649,82.841461,87.934700

21.1671181,0.356231,9.669696,1.209273,9.751526,82.876495,87.890175

21.1696320,0.344267,9.681660,1.221237,9.764449,82.815216,87.963493

21.1721478,0.377767,9.693624,1.226022,9.778148,82.797073,87.768272

21.1746616,0.339482,9.688838,1.228415,9.772299,82.778595,87.993263

21.1771774,0.291326,9.696016,1.230808,9.778164,82.768822,88.279015

21.1796932,0.284148,9.731909,1.199701,9.809693,82.975281,88.327583

21.1822071,0.288933,9.727123,1.190130,9.803919,83.027481,88.298592

21.1847229,0.253041,9.758230,1.221237,9.837607,82.868927,88.514595

21.1872387,0.236291,9.751051,1.278665,9.837368,82.531540,88.611855

21.1897545,0.288933,9.743873,1.237987,9.826451,82.762352,88.301514

21.1922684,0.255434,9.712767,1.257129,9.797115,82.627693,88.493538

21.1947842,0.221934,9.703195,1.235594,9.784065,82.744957,88.689743

21.1973000,0.255434,9.722338,1.216451,9.801472,82.870697,88.495018

21.1998215,0.231506,9.739087,1.233201,9.819582,82.785408,88.638290

21.2023373,0.241077,9.703195,1.273879,9.789427,82.523010,88.576775

21.2048531,0.214756,9.715159,1.254736,9.798204,82.642624,88.733673

21.2073689,0.243470,9.719945,1.235594,9.801189,82.757698,88.565132

21.2098846,0.205185,9.705587,1.223630,9.784569,82.815948,88.788895

21.2123985,0.241077,9.715159,1.259522,9.799431,82.615341,88.578522

21.2149162,0.212363,9.698409,1.249951,9.780931,82.657829,88.745613

21.2174301,0.190828,9.710373,1.252344,9.792657,82.652550,88.874168

21.2199421,0.205185,9.724730,1.266701,9.809027,82.580322,88.791283

21.2224560,0.171685,9.669696,1.249951,9.751660,82.635666,88.982826

21.2249718,0.181256,9.681660,1.281057,9.767727,82.463829,88.927452

21.2274895,0.193220,9.686445,1.298106,9.774949,82.368614,88.857246

21.2300034,0.176471,9.640982,1.302892,9.730221,82.304893,88.951363

21.2325191,0.169292,9.703195,1.278665,9.788547,82.494080,89.000458

21.2350330,0.174078,9.669696,1.322034,9.761204,82.216072,88.968651

21.2375507,0.195613,9.650553,1.273879,9.736231,82.481918,88.838791

21.2400646,0.176471,9.655338,1.286142,9.742220,82.413818,88.952919

21.2425823,0.176471,9.703195,1.240379,9.783746,82.716461,88.958084

21.2450981,0.162114,9.693624,1.281057,9.779250,82.472763,89.041885

21.2476120,0.159721,9.705587,1.302892,9.793950,82.355263,89.057190

21.2501278,0.169292,9.748658,1.290928,9.835217,82.457840,89.005119

21.2526436,0.138186,9.691231,1.324427,9.782288,82.218803,89.183083

21.2551594,0.133400,9.662517,1.322034,9.753450,82.209846,89.209030

21.2576733,0.152542,9.688838,1.300499,9.776919,82.356018,89.098000

21.2601891,0.145364,9.710373,1.333999,9.802654,82.178612,89.142349

21.2627068,0.159721,9.696016,1.350748,9.790954,82.070251,89.056259

21.2652206,0.186042,9.727123,1.353141,9.822553,82.081833,88.904289

21.2677364,0.202792,9.696016,1.343570,9.790763,82.112511,88.801834

21.2702503,0.202792,9.698409,1.345963,9.793461,82.100563,88.802132

21.2727680,0.140578,9.715159,1.345963,9.808960,82.113121,89.170990

21.2752819,0.169292,9.700802,1.278665,9.786175,82.492249,89.000214

21.2777977,0.186042,9.746265,1.271486,9.830615,82.568581,88.906441

21.2803116,0.164507,9.743873,1.266701,9.827240,82.594147,89.032761

21.2828255,0.152542,9.748658,1.283749,9.834003,82.499092,89.103539

21.2853413,0.198006,9.770494,1.233201,9.850001,82.807808,88.839020

21.2878571,0.207577,9.751051,1.218844,9.829123,82.876801,88.780487

21.2903728,0.178863,9.753445,1.245165,9.834231,82.725945,88.949402

21.2928867,0.217149,9.803992,1.249951,9.885737,82.736092,88.731163

21.2954025,0.205185,9.787243,1.242772,9.867964,82.764954,88.798996

21.2979202,0.205185,9.799207,1.223630,9.877439,82.883842,88.800468

21.3004379,0.250648,9.787243,1.216451,9.865734,82.917374,88.532997

21.3029537,0.265005,9.796814,1.187737,9.872108,83.089867,88.450516

21.3054676,0.231506,9.801600,1.218844,9.879804,82.913521,88.646973

21.3079853,0.274576,9.870992,1.206880,9.948288,83.031982,88.406647

21.3105011,0.322433,9.837492,1.187737,9.914178,83.119331,88.122749

21.3130150,0.339482,9.837492,1.211666,9.917643,82.982483,88.023567

21.3155308,0.375374,9.803992,1.187737,9.882808,83.097382,87.807335

21.3180466,0.353839,9.813564,1.202094,9.893244,83.020943,87.935036

21.3205585,0.372981,9.811171,1.190130,9.890126,83.088554,87.822891

21.3230724,0.377767,9.844670,1.190130,9.923540,83.111938,87.802483

21.3255882,0.389731,9.815957,1.233201,9.900792,82.844894,87.726334

21.3281040,0.392124,9.837492,1.254736,9.924937,82.737083,87.717392

21.3306198,0.430409,9.844670,1.209273,9.927997,83.003754,87.496620

21.3331356,0.413659,9.827921,1.230808,9.913325,82.867928,87.589828

21.3356495,0.435195,9.827921,1.257129,9.917550,82.717705,87.464516

21.3381653,0.449552,9.842278,1.223630,9.928232,82.920441,87.384804

21.3406811,0.449552,9.832706,1.259522,9.923236,82.707977,87.382256

21.3431969,0.416052,9.823135,1.235594,9.909277,82.837112,87.574730

21.3457127,0.430409,9.803992,1.218844,9.888837,82.920029,87.486252

21.3482285,0.480658,9.758230,1.245165,9.849088,82.736977,87.180077

21.3507442,0.466301,9.765409,1.228415,9.853408,82.838356,87.266182

21.3532581,0.492622,9.803992,1.240379,9.894417,82.798363,87.123474

21.3557758,0.461516,9.801600,1.266701,9.893881,82.644310,87.304176

21.3582897,0.511765,9.780065,1.286142,9.877537,82.518341,87.004593

21.3608055,0.509372,9.746265,1.288535,9.844261,82.478859,87.008255

21.3633194,0.502194,9.741480,1.283749,9.838529,82.502563,87.048897

21.3658352,0.497408,9.715159,1.264308,9.809700,82.594925,87.069061

21.3683529,0.514158,9.705587,1.302892,9.806136,82.364822,86.967567

21.3708668,0.523729,9.712767,1.322034,9.816308,82.260033,86.913506

21.3733826,0.530908,9.710373,1.312463,9.813041,82.313835,86.870514

21.3758965,0.514158,9.669696,1.298106,9.769978,82.364708,86.956329

21.3784142,0.545264,9.667302,1.298106,9.769295,82.364174,86.771767

21.3809280,0.547657,9.684052,1.314856,9.788239,82.280113,86.763229

21.3834438,0.523729,9.657731,1.310070,9.760243,82.286179,86.895950

21.3859615,0.528515,9.636196,1.298106,9.737592,82.339165,86.860657

21.3884754,0.485444,9.619446,1.264308,9.714313,82.521797,87.111031

21.3909912,0.502194,9.636196,1.252344,9.730203,82.605125,87.016708

21.3935051,0.530908,9.681660,1.266701,9.778595,82.557098,86.861252

21.3960228,0.499801,9.676874,1.235594,9.768233,82.733131,87.043358

21.3985367,0.495015,9.662517,1.257129,9.756518,82.596848,87.067276

21.4010563,0.478265,9.669696,1.223630,9.758536,82.796684,87.168442

21.4035740,0.483051,9.669696,1.223630,9.758772,82.796860,87.140160

21.4060879,0.444766,9.705587,1.235594,9.794025,82.752373,87.376213

21.4086037,0.483051,9.686445,1.228415,9.775969,82.781326,87.145096

21.4111214,0.454337,9.676874,1.254736,9.768453,82.620094,87.311890

21.4136353,0.466301,9.703195,1.269093,9.796939,82.556999,87.248680

21.4161510,0.478265,9.688838,1.209273,9.775718,82.894211,87.174026

21.4186668,0.473480,9.739087,1.197309,9.823826,82.999496,87.216675

21.4211807,0.521336,9.703195,1.249951,9.797253,82.670128,86.924553

21.4236946,0.523729,9.674481,1.218844,9.765012,82.829788,86.901314

21.4262104,0.526122,9.700802,1.230808,9.792714,82.779617,86.895615

21.4287243,0.502194,9.712767,1.249951,9.805734,82.676498,87.040184

21.4312420,0.550050,9.719945,1.242772,9.814498,82.725327,86.761093

21.4337578,0.562014,9.676874,1.216451,9.769212,82.847031,86.676102

21.4362717,0.545264,9.724730,1.230808,9.817463,82.797920,86.790794

21.4387875,0.562014,9.712767,1.261915,9.810511,82.609634,86.688362

21.4413013,0.554836,9.705587,1.249951,9.801461,82.673294,86.728157

21.4438171,0.593121,9.712767,1.247558,9.810506,82.694176,86.505508

21.4463310,0.557229,9.686445,1.266701,9.784798,82.561844,86.707596

21.4488468,0.550050,9.712767,1.247558,9.807997,82.692291,86.758705

21.4513645,0.530908,9.736694,1.295713,9.836866,82.431000,86.878952

21.4538784,0.504586,9.729516,1.310070,9.830278,82.341469,87.031219

21.4563942,0.511765,9.712767,1.286142,9.810907,82.467239,86.983879

21.4589081,0.497408,9.700802,1.288535,9.798637,82.443634,87.064735

21.4614258,0.502194,9.696016,1.283749,9.793515,82.467903,87.035080

21.4639397,0.502194,9.715159,1.314856,9.816586,82.302536,87.040916

21.4664574,0.518943,9.705587,1.290928,9.804806,82.434311,86.939392

21.4689732,0.518943,9.674481,1.305285,9.775923,82.326935,86.929573

21.4714870,0.511765,9.669696,1.319642,9.772737,82.239471,86.970467

21.4740028,0.485444,9.724730,1.300499,9.823306,82.392326,87.142250

21.4765186,0.480658,9.698409,1.300499,9.797013,82.371788,87.162712

21.4790344,0.506979,9.681660,1.338784,9.786925,82.137680,87.002449

21.4815483,0.504586,9.676874,1.319642,9.779466,82.244843,87.015099

21.4840641,0.475873,9.674481,1.302892,9.773412,82.339104,87.183983

21.4865799,0.444766,9.715159,1.310070,9.813176,82.328041,87.378792

21.4890957,0.451944,9.679267,1.314856,9.778615,82.272469,87.326683

21.4916115,0.463908,9.681660,1.365105,9.788424,81.983330,87.256699

21.4941254,0.459123,9.674481,1.345963,9.778445,82.088356,87.282944

21.4966412,0.442373,9.696016,1.331606,9.797020,82.188210,87.387733

21.4991589,0.418445,9.676874,1.312463,9.774433,82.283295,87.523972

21.5016766,0.413659,9.696016,1.341177,9.797071,82.131744,87.557083

21.5041924,0.389731,9.652946,1.341177,9.753462,82.096344,87.687981

21.5067062,0.406481,9.655338,1.326820,9.754550,82.182358,87.589325

21.5092220,0.399302,9.681660,1.298106,9.776454,82.369797,87.638283

21.5117397,0.396909,9.686445,1.329213,9.785274,82.192917,87.653572

21.5142536,0.399302,9.696016,1.336391,9.795821,82.158989,87.641769

21.5167694,0.406481,9.669696,1.333999,9.769739,82.152092,87.592903

21.5192852,0.411266,9.686445,1.293321,9.781055,82.401695,87.568802

21.5218010,0.392124,9.693624,1.331606,9.792511,82.184586,87.683548

21.5243149,0.377767,9.676874,1.326820,9.774714,82.198586,87.764420

21.5268307,0.377767,9.686445,1.302892,9.780974,82.345062,87.766624

21.5293484,0.394517,9.705587,1.307678,9.801229,82.332748,87.672302

21.5318623,0.392124,9.712767,1.350748,9.814077,82.089058,87.688110

21.5343781,0.413659,9.734302,1.314856,9.831409,82.314217,87.566681

21.5368919,0.404088,9.703195,1.338784,9.803449,82.151016,87.615303

21.5394096,0.435195,9.696016,1.362713,9.800975,82.007790,87.430069

21.5419216,0.437587,9.741480,1.389034,9.849737,81.892990,87.428001

21.5444374,0.404088,9.736694,1.369891,9.840889,81.998215,87.623497

21.5469532,0.416052,9.734302,1.377069,9.840023,81.955292,87.552620

21.5494690,0.394517,9.741480,1.353141,9.842919,82.098320,87.680870

21.5519848,0.399302,9.715159,1.343570,9.815750,82.132713,87.646416

21.5544987,0.439980,9.743873,1.357927,9.847873,82.074211,87.414589

21.5570164,0.396909,9.741480,1.357927,9.843675,82.070808,87.666817

21.5595303,0.384945,9.748658,1.367498,9.851628,82.021042,87.738739

21.5620441,0.372981,9.727123,1.396212,9.833893,81.837585,87.804100

21.5645580,0.329611,9.743873,1.408176,9.850617,81.781235,88.062561

21.5670738,0.337089,9.748658,1.384248,9.852214,81.923149,88.019615

21.5695915,0.332004,9.770494,1.353141,9.869334,82.119606,88.053825

21.5721054,0.320040,9.736694,1.386641,9.840143,81.899101,88.117393

21.5746212,0.339482,9.727123,1.444068,9.839589,81.560730,88.001160

21.5771351,0.337089,9.729516,1.415355,9.837700,81.728127,88.015724

21.5796528,0.346660,9.751051,1.369891,9.852906,82.008034,87.963928

21.5821667,0.337089,9.743873,1.405783,9.850529,81.795219,88.018646

21.5846825,0.320040,9.693624,1.398605,9.799228,81.794380,88.109039

21.5871983,0.284148,9.751051,1.458425,9.863606,81.497116,88.330864

21.5897121,0.300897,9.741480,1.417747,9.848704,81.723366,88.230797

21.5922298,0.288933,9.698409,1.412962,9.805054,81.714516,88.293556

21.5947437,0.303290,9.722338,1.408176,9.828469,81.762589,88.213226

21.5972595,0.298505,9.743873,1.400998,9.848601,81.821732,88.245285

21.5997734,0.329611,9.751051,1.386641,9.854665,81.911125,88.063988

21.6022911,0.305683,9.722338,1.410569,9.828886,81.748840,88.199135

21.6048069,0.320040,9.710373,1.403391,9.816480,81.780678,88.112297

21.6073227,0.346660,9.753445,1.398605,9.859307,81.844727,87.964432

21.6098385,0.358624,9.760623,1.415355,9.869225,81.754730,87.895790

21.6123524,0.375374,9.748658,1.377069,9.852592,81.965622,87.794907

21.6148682,0.408874,9.755837,1.415355,9.866446,81.752396,87.600098

21.6173840,0.435195,9.748658,1.393819,9.857407,81.871239,87.443932

21.6198997,0.413659,9.741480,1.372284,9.846355,81.988625,87.568474

21.6224136,0.423230,9.748658,1.384248,9.855536,81.925888,87.514107

21.6249275,0.461516,9.729516,1.393819,9.839676,81.856491,87.284233

21.6274433,0.447159,9.727123,1.391426,9.836308,81.867767,87.367950

21.6299572,0.480658,9.700802,1.372284,9.809167,81.958054,87.163414

21.6324749,0.495015,9.691231,1.377069,9.801087,81.923119,87.075951

21.6349888,0.492622,9.751051,1.367498,9.858788,82.026878,87.107880

21.6375046,0.497408,9.736694,1.367498,9.844830,82.015503,87.075531

21.6400185,0.504586,9.736694,1.348356,9.842555,82.126152,87.033401

21.6425285,0.530908,9.746265,1.353141,9.854062,82.107315,86.882011

21.6450443,0.523729,9.686445,1.362713,9.795841,82.003571,86.905128

21.6475601,0.509372,9.672089,1.377069,9.782897,81.908005,86.985352

21.6500759,0.511765,9.703195,1.362713,9.811772,82.016640,86.980911

21.6525898,0.504586,9.700802,1.379462,9.811376,81.917534,87.022446

21.6551056,0.463908,9.705587,1.365105,9.812092,82.002792,87.263451

21.6576195,0.459123,9.688838,1.326820,9.790037,82.210869,87.286964

21.6601353,0.492622,9.676874,1.357927,9.784096,82.022209,87.085747

21.6626511,0.463908,9.707980,1.314856,9.807596,82.295441,87.264130

21.6651669,0.475873,9.719945,1.324427,9.821298,82.249901,87.197128

21.6676807,0.471087,9.712767,1.365105,9.819535,82.008896,87.223228

21.6701965,0.454337,9.705587,1.350748,9.809657,82.085464,87.319832

21.6727142,0.435195,9.700802,1.386641,9.809064,81.873260,87.431335

21.6752281,0.456730,9.698409,1.365105,9.804654,81.996689,87.303749

21.6777439,0.447159,9.717552,1.391426,9.826843,81.859879,87.365364

21.6802578,0.435195,9.741480,1.379462,9.848286,81.948029,87.442047

21.6827755,0.459123,9.710373,1.377069,9.818272,81.937355,87.292976

21.6852913,0.444766,9.727123,1.384248,9.835186,81.909073,87.382011

21.6878071,0.456730,9.676874,1.398605,9.788084,81.784973,87.297752

21.6903229,0.449552,9.669696,1.374677,9.777262,81.917473,87.338196

21.6928368,0.454337,9.696016,1.384248,9.804861,81.883881,87.317192

21.6953526,0.499801,9.676874,1.386641,9.788486,81.856064,87.043358

21.6978664,0.492622,9.667302,1.398605,9.780363,81.778442,87.082870

21.7003822,0.461516,9.674481,1.400998,9.786285,81.769295,87.268806

21.7028961,0.435195,9.669696,1.391426,9.778981,81.819771,87.423080

21.7054138,0.499801,9.669696,1.420140,9.786196,81.655960,87.041168

21.7079296,0.509372,9.698409,1.424926,9.815753,81.653038,86.993523

21.7104435,0.497408,9.681660,1.422533,9.798242,81.652153,87.058937

21.7129593,0.483051,9.676874,1.412962,9.791409,81.702888,87.142273

21.7154732,0.499801,9.686445,1.412962,9.801708,81.711670,87.046272

21.7179890,0.478265,9.686445,1.429712,9.803062,81.613884,87.173332

21.7205067,0.451944,9.731909,1.429712,9.846745,81.651352,87.341125

21.7230225,0.425623,9.698409,1.436890,9.813508,81.580505,87.487137

21.7255383,0.442373,9.664909,1.417747,9.778353,81.663399,87.379341

21.7280521,0.451944,9.684052,1.429712,9.799449,81.610764,87.328003

21.7305679,0.468694,9.669696,1.424926,9.785352,81.626915,87.225021

21.7330837,0.478265,9.660124,1.444068,9.779165,81.508202,87.165642

21.7355995,0.459123,9.662517,1.453640,9.782029,81.454018,87.279587

21.7381153,0.471087,9.609875,1.434497,9.727764,81.519997,87.193542

21.7406292,0.456730,9.597911,1.434497,9.715261,81.509003,87.275558

21.7431450,0.389731,9.648160,1.422533,9.760250,81.619423,87.686836

21.7456589,0.394517,9.645767,1.396212,9.754274,81.770500,87.657883

21.7481747,0.396909,9.660124,1.403391,9.769598,81.740959,87.647186

21.7506886,0.356231,9.660124,1.403391,9.768029,81.739624,87.888092

21.7532063,0.317647,9.660124,1.422533,9.769467,81.627388,88.116661

21.7557220,0.308076,9.640982,1.391426,9.745743,81.791679,88.169746

21.7582359,0.303290,9.636196,1.379462,9.739157,81.857193,88.197266

21.7607517,0.262612,9.681660,1.391426,9.784659,81.824547,88.446251

21.7632675,0.276969,9.684052,1.400998,9.788788,81.771416,88.361755

21.7657833,0.236291,9.674481,1.379462,9.775189,81.887413,88.600876

21.7682972,0.181256,9.698409,1.400998,9.800754,81.781532,88.929306

21.7708130,0.226720,9.691231,1.422533,9.797701,81.651688,88.659851

21.7733307,0.217149,9.693624,1.441676,9.802649,81.542831,88.716721

21.7758446,0.169292,9.736694,1.427319,9.842211,81.661552,89.003899

21.7783604,0.202792,9.734302,1.429712,9.840824,81.646294,88.806549

21.7808743,0.183649,9.763016,1.448854,9.871645,81.560249,88.922356

21.7833920,0.207577,9.741480,1.472782,9.854370,81.404671,88.779289

21.7859058,0.176471,9.787243,1.439283,9.894079,81.635559,88.967033

21.7884216,0.142971,9.801600,1.420140,9.904978,81.756729,89.164314

21.7909374,0.176471,9.827921,1.458425,9.937111,81.560471,88.971306

21.7934532,0.205185,9.835099,1.444068,9.942666,81.648849,88.804840

21.7959690,0.164507,9.815957,1.446461,9.923322,81.618484,89.039864

21.7984829,0.166899,9.835099,1.424926,9.939187,81.757423,89.027794

21.8009987,0.181256,9.870992,1.412962,9.973253,81.855209,88.948021

21.8035145,0.178863,9.837492,1.446461,9.944872,81.636780,88.958374

21.8060303,0.200399,9.830314,1.424926,9.935071,81.753983,88.832138

21.8085480,0.188435,9.863813,1.422533,9.967644,81.795013,88.905579

21.8110619,0.162114,9.823135,1.444068,9.930036,81.638153,89.054520

21.8135777,0.205185,9.811171,1.436890,9.917954,81.669807,88.801926

21.8160915,0.200399,9.813564,1.427319,9.918843,81.726433,88.830147

21.8186073,0.195613,9.799207,1.444068,9.906970,81.618546,88.856407

21.8211231,0.209970,9.768100,1.451247,9.877549,81.551300,88.768585

21.8236408,0.260219,9.765409,1.396212,9.868147,81.866112,88.473595

21.8261585,0.221934,9.755837,1.393819,9.857401,81.871239,88.696808

21.8286724,0.190828,9.755837,1.405783,9.858448,81.801857,88.879417

21.8311882,0.245863,9.777672,1.374677,9.876895,81.999542,88.559586

21.8337021,0.243470,9.739087,1.367498,9.837639,82.009628,88.567947

21.8362198,0.243470,9.746265,1.362713,9.844083,82.043015,88.569000

21.8387356,0.243470,9.727123,1.362713,9.825130,82.027565,88.566185

21.8412495,0.250648,9.777672,1.372284,9.876682,82.013382,88.531555

21.8437634,0.238684,9.777672,1.360320,9.874731,82.081886,88.601624

21.8462772,0.279362,9.736694,1.343570,9.832927,82.146545,88.356537

21.8487949,0.291326,9.763016,1.360320,9.861633,82.071304,88.290817

21.8513088,0.303290,9.722338,1.357927,9.821395,82.052704,88.213226

21.8538246,0.303290,9.755837,1.324427,9.849998,82.272621,88.219360

21.8563385,0.329611,9.777672,1.348356,9.875706,82.152748,88.069252

21.8588562,0.315254,9.743873,1.357927,9.843089,82.070335,88.146889

21.8613720,0.315254,9.760623,1.343570,9.857704,82.166405,88.150070

21.8638840,0.356231,9.727123,1.326820,9.823659,82.237694,87.902626

21.8663998,0.344267,9.741480,1.341177,9.839396,82.165802,87.975990

21.8689137,0.368196,9.734302,1.326820,9.831208,82.243690,87.833847

21.8714314,0.432802,9.715159,1.362713,9.819808,82.023216,87.449211

21.8739452,0.392124,9.681660,1.357927,9.784286,82.022369,87.680687

21.8764610,0.399302,9.705587,1.367498,9.809583,81.986626,87.644096

21.8789768,0.428016,9.688838,1.393819,9.797934,81.821564,87.470535

21.8814907,0.456730,9.684052,1.400998,9.795523,81.777115,87.299751

21.8840084,0.430409,9.688838,1.391426,9.797699,81.835503,87.456413

21.8865242,0.437587,9.693624,1.367498,9.799381,81.978226,87.415321

21.8890400,0.428016,9.648160,1.369891,9.754322,81.926727,87.459885

21.8915539,0.478265,9.681660,1.386641,9.792142,81.859123,87.171936

21.8940697,0.451944,9.700802,1.398605,9.811519,81.804726,87.332611

21.8965874,0.413659,9.650553,1.400998,9.760486,81.747391,87.545586

21.8991013,0.418445,9.638589,1.374677,9.745112,81.890625,87.514153

21.9016171,0.435195,9.679267,1.377069,9.786415,81.910934,87.425629

21.9041348,0.428016,9.664909,1.391426,9.773932,81.815514,87.464279

21.9066505,0.413659,9.660124,1.420140,9.772713,81.644371,87.548019

21.9091663,0.408874,9.674481,1.396212,9.783259,81.795052,87.579941

21.9116821,0.396909,9.631411,1.400998,9.740862,81.730652,87.640182

21.9141979,0.392124,9.621839,1.393819,9.730173,81.764214,87.666290

21.9167118,0.375374,9.652946,1.389034,9.759594,81.817596,87.773064

21.9192276,0.363410,9.600304,1.384248,9.706392,81.800980,87.832161

21.9217434,0.384945,9.633803,1.365105,9.737652,81.941254,87.711807

21.9242611,0.356231,9.614660,1.353141,9.715944,81.994385,87.878113

21.9267788,0.349053,9.629018,1.348356,9.729229,82.033844,87.923927

21.9292927,0.349053,9.643374,1.381855,9.748130,81.850533,87.927017

21.9318085,0.315254,9.624231,1.398605,9.730433,81.735962,88.123871

21.9343243,0.353839,9.629018,1.362713,9.731401,81.950272,87.895493

21.9368401,0.361017,9.631411,1.369891,9.735040,81.910629,87.853371

21.9393559,0.380160,9.650553,1.336391,9.750058,82.121956,87.744141

21.9418716,0.365803,9.660124,1.345963,9.760298,82.073547,87.831398

21.9443817,0.368196,9.631411,1.324427,9.729015,82.175934,87.810730

21.9468975,0.384945,9.667302,1.338784,9.767152,82.121658,87.719727

21.9494133,0.396909,9.681660,1.302892,9.776994,82.341927,87.652412

21.9519272,0.408874,9.696016,1.319642,9.793945,82.256378,87.585312

21.9544430,0.380160,9.743873,1.312463,9.839214,82.334404,87.765724

21.9569588,0.454337,9.743873,1.269093,9.836670,82.587234,87.330345

21.9594746,0.451944,9.712767,1.281057,9.807303,82.494415,87.335892

21.9619904,0.471087,9.698409,1.249951,9.789967,82.664642,87.219124

21.9645042,0.495015,9.746265,1.221237,9.834946,82.866989,87.092430

21.9670200,0.497408,9.739087,1.247558,9.831258,82.709679,87.076248

21.9695339,0.547657,9.739087,1.221237,9.830624,82.863838,86.781479

21.9720497,0.540479,9.743873,1.230808,9.836161,82.811684,86.825134

21.9745636,0.538086,9.696016,1.276272,9.794444,82.512741,86.823593

21.9770813,0.559621,9.722338,1.209273,9.813224,82.921509,86.705666

21.9795971,0.578764,9.719945,1.247558,9.816756,82.698853,86.592407

21.9821110,0.622134,9.707980,1.259522,9.809093,82.622650,86.333229

21.9846268,0.614955,9.667302,1.257129,9.768075,82.605652,86.360214

21.9871407,0.624527,9.667302,1.226022,9.764727,82.787117,86.303719

21.9896564,0.617348,9.672089,1.247558,9.771736,82.665024,86.347893

21.9921703,0.607777,9.636196,1.264308,9.737769,82.539917,86.391006

21.9946880,0.614955,9.617053,1.273879,9.720527,82.469704,86.341248

21.9972019,0.617348,9.638589,1.288535,9.743913,82.400948,86.335228

21.9997177,0.624527,9.636196,1.314856,9.745520,82.246063,86.291817

22.0022335,0.605384,9.621839,1.307678,9.729147,82.275597,86.399826

22.0047474,0.571586,9.605089,1.305285,9.710212,82.274689,86.594421

22.0072632,0.554836,9.583553,1.312463,9.688906,82.214760,86.686584

22.0097790,0.504586,9.607482,1.305285,9.708866,82.273613,86.993576

22.0122948,0.497408,9.607482,1.362713,9.716384,81.937752,87.036270

22.0148087,0.495015,9.571589,1.345963,9.678429,82.006065,87.039467

22.0173244,0.487837,9.583553,1.298106,9.683365,82.296005,87.085960

22.0198402,0.475873,9.602696,1.293321,9.701077,82.338676,87.162964

22.0223560,0.454337,9.626625,1.331606,9.728901,82.133163,87.297882

22.0248718,0.439980,9.626625,1.326820,9.727587,82.160553,87.383148

22.0273857,0.435195,9.657731,1.326820,9.758156,82.185265,87.419891

22.0299015,0.451944,9.650553,1.377069,9.758778,81.887871,87.318741

22.0324173,0.442373,9.640982,1.324427,9.741577,82.186089,87.372849

22.0349331,0.411266,9.681660,1.338784,9.782434,82.134048,87.567596

22.0374489,0.418445,9.710373,1.341177,9.811483,82.143379,87.532501

22.0399628,0.404088,9.679267,1.312463,9.776198,82.284698,87.609413

22.0424786,0.392124,9.724730,1.360320,9.827238,82.043373,87.690948

22.0449924,0.418445,9.751051,1.350748,9.853051,82.120544,87.542786

22.0475082,0.432802,9.751051,1.324427,9.850097,82.272705,87.458588

22.0500240,0.406481,9.748658,1.336391,9.848224,82.200974,87.612373

22.0525398,0.387338,9.760623,1.338784,9.859621,82.196014,87.727478

22.0550556,0.425623,9.768100,1.360320,9.871545,82.079315,87.505043

22.0575695,0.416052,9.782457,1.377069,9.887663,81.994308,87.564651

22.0600853,0.399302,9.796814,1.372284,9.900514,82.032730,87.666008

22.0626011,0.418445,9.775279,1.389034,9.882338,81.919914,87.548866

22.0651188,0.430409,9.789636,1.389034,9.897052,81.932007,87.482567

22.0676327,0.413659,9.787243,1.377069,9.892298,81.998085,87.579826

22.0701504,0.420838,9.758230,1.405783,9.867948,81.809807,87.530571

22.0726662,0.447159,9.748658,1.403391,9.859300,81.816620,87.373756

22.0751801,0.430409,9.741480,1.429712,9.855240,81.658600,87.470139

22.0776958,0.394517,9.765409,1.429712,9.877395,81.677437,87.686546

22.0802097,0.439980,9.705587,1.439283,9.821586,81.573372,87.404404

22.0827274,0.428016,9.691231,1.436890,9.806519,81.574463,87.471161

22.0852413,0.404088,9.717552,1.434497,9.831169,81.609840,87.618828

22.0877571,0.437587,9.700802,1.432104,9.815701,81.610641,87.417229

22.0902729,0.411266,9.655338,1.446461,9.771742,81.487518,87.560974

22.0927887,0.394517,9.640982,1.460818,9.759004,81.391083,87.656715

22.0953045,0.382553,9.640982,1.444068,9.756034,81.487915,87.727707

22.0978184,0.406481,9.660124,1.439283,9.775211,81.533104,87.590515

22.1003342,0.384945,9.686445,1.439283,9.800354,81.554977,87.724228

22.1028519,0.423230,9.662517,1.429712,9.776882,81.591263,87.491974

22.1053658,0.442373,9.638589,1.417747,9.752338,81.640999,87.372192

22.1078815,0.411266,9.669696,1.439283,9.784871,81.541519,87.564590

22.1103954,0.418445,9.667302,1.379462,9.774188,81.886574,87.521523

22.1129112,0.399302,9.664909,1.398605,9.773741,81.772835,87.634193

22.1154251,0.420838,9.693624,1.379462,9.800324,81.908356,87.514130

22.1179428,0.420838,9.640982,1.338784,9.742585,82.101669,87.500572

22.1204567,0.413659,9.669696,1.360320,9.773669,81.999481,87.550438

22.1229725,0.401695,9.719945,1.360320,9.822890,82.039833,87.633492

22.1254883,0.423230,9.705587,1.343570,9.807280,82.125877,87.503090

22.1280022,0.418445,9.729516,1.317249,9.827193,82.296822,87.537354

22.1305180,0.425623,9.731909,1.331606,9.831804,82.216019,87.495773

22.1330338,0.418445,9.719945,1.345963,9.821611,82.123344,87.534935

22.1355495,0.432802,9.727123,1.357927,9.830982,82.060509,87.452347

22.1380634,0.459123,9.707980,1.345963,9.811589,82.115250,87.292305

22.1405792,0.413659,9.693624,1.415355,9.805136,81.700455,87.556480

22.1430969,0.416052,9.686445,1.398605,9.795734,81.791435,87.540543

22.1456146,0.420838,9.676874,1.439283,9.792371,81.548042,87.509834

22.1481304,0.449552,9.679267,1.477568,9.801709,81.329842,87.340820

22.1506443,0.435195,9.684052,1.446461,9.801148,81.513245,87.426895

22.1531601,0.451944,9.643374,1.444068,9.761366,81.492599,87.316750

22.1556778,0.459123,9.703195,1.472782,9.825064,81.378838,87.290977

22.1581917,0.456730,9.679267,1.501496,9.805677,81.191917,87.298424

22.1607075,0.461516,9.700802,1.520639,9.830102,81.101059,87.276207

22.1632214,0.449552,9.722338,1.496711,9.847136,81.257469,87.352585

22.1657333,0.444766,9.693624,1.484746,9.816752,81.300850,87.372978

22.1682472,0.423230,9.729516,1.515853,9.855984,81.152779,87.509224

22.1707649,0.487837,9.755837,1.508675,9.883847,81.220024,87.137329

22.1732788,0.444766,9.736694,1.496711,9.861094,81.269943,87.384583

22.1757946,0.411266,9.712767,1.508675,9.837839,81.178635,87.575378

22.1783104,0.404088,9.717552,1.489532,9.839350,81.292793,87.618828

22.1808243,0.408874,9.696016,1.484746,9.817554,81.301567,87.585312

22.1833420,0.413659,9.729516,1.499103,9.853015,81.248650,87.565483

22.1858578,0.396909,9.705587,1.491925,9.827604,81.268188,87.658195

22.1883755,0.368196,9.691231,1.499103,9.813400,81.213043,87.824226

22.1908913,0.339482,9.664909,1.491925,9.785273,81.230118,87.988304

22.1934052,0.372981,9.626625,1.499103,9.749786,81.155251,87.781197

22.1959209,0.346660,9.614660,1.479961,9.734072,81.254875,87.935074

22.1984348,0.317647,9.636196,1.479961,9.754356,81.273209,88.111984

22.2009525,0.303290,9.626625,1.532603,9.752578,80.958580,88.195473

22.2034664,0.291326,9.607482,1.520639,9.731440,81.010094,88.263161

22.2059822,0.312862,9.609875,1.487139,9.729294,81.207779,88.135323

22.2084961,0.296112,9.621839,1.470389,9.738045,81.315445,88.237282

22.2110119,0.305683,9.629018,1.487139,9.747975,81.224762,88.181694

22.2135277,0.272184,9.612267,1.496711,9.731901,81.153130,88.378029

22.2160435,0.274576,9.643374,1.487139,9.761231,81.236771,88.369057

22.2185593,0.291326,9.676874,1.460818,9.790851,81.419296,88.275612

22.2210732,0.260219,9.669696,1.463211,9.783237,81.398392,88.458496

22.2235889,0.245863,9.684052,1.489532,9.801022,81.258476,88.545662

22.2261028,0.272184,9.703195,1.518246,9.825026,81.110550,88.393219

22.2286186,0.300897,9.743873,1.499103,9.863109,81.257675,88.231232

22.2311344,0.296112,9.731909,1.489532,9.849692,81.302002,88.257202

22.2336483,0.303290,9.734302,1.453640,9.846912,81.510750,88.215424

22.2361641,0.298505,9.717552,1.432104,9.827047,81.620392,88.240540

22.2386799,0.298505,9.715159,1.448854,9.827136,81.521744,88.240105

22.2411957,0.288933,9.775279,1.451247,9.886642,81.559128,88.306969

22.2437096,0.308076,9.746265,1.456033,9.859241,81.507378,88.189507

22.2462234,0.358624,9.765409,1.436890,9.877068,81.635078,87.896820

22.2487411,0.334696,9.772886,1.436890,9.883622,81.640663,88.038536

22.2512550,0.351446,9.794421,1.441676,9.906192,81.631866,87.944977

22.2537708,0.353839,9.755837,1.405783,9.862950,81.805626,87.922829

22.2562847,0.384945,9.715159,1.405783,9.823886,81.772820,87.730949

22.2588005,0.392124,9.698409,1.405783,9.807606,81.759064,87.684692

22.2613163,0.382553,9.707980,1.439283,9.821546,81.573334,87.743370

22.2638321,0.387338,9.707980,1.415355,9.818255,81.711624,87.715172

22.2663441,0.377767,9.705587,1.355534,9.807069,82.055138,87.771027

22.2688599,0.368196,9.751051,1.417747,9.860455,81.733299,87.837563

22.2713757,0.392124,9.715159,1.448854,9.830425,81.524605,87.688683

22.2738895,0.380160,9.705587,1.453640,9.821202,81.488358,87.756920

22.2764053,0.329611,9.722338,1.429712,9.832424,81.639107,88.058273

22.2789192,0.329611,9.700802,1.441676,9.812881,81.551712,88.053970

22.2814369,0.375374,9.691231,1.415355,9.801229,81.697128,87.781853

22.2839508,0.370588,9.698409,1.408176,9.807112,81.744522,87.811722

22.2864685,0.377767,9.693624,1.458425,9.809998,81.450302,87.768272

22.2889843,0.396909,9.681660,1.448854,9.797512,81.495926,87.652412

22.2914982,0.392124,9.669696,1.453640,9.786207,81.457695,87.677826

22.2940140,0.406481,9.660124,1.432104,9.774158,81.574722,87.590515

22.2965279,0.394517,9.667302,1.501496,9.791162,81.178757,87.663094

22.2990437,0.396909,9.696016,1.472782,9.815262,81.370163,87.655891

22.3015594,0.392124,9.703195,1.467997,9.821444,81.403870,87.685829

22.3040752,0.401695,9.650553,1.415355,9.762057,81.663574,87.616493

22.3065910,0.406481,9.724730,1.446461,9.840115,81.547096,87.606506

22.3091049,0.408874,9.736694,1.412962,9.847175,81.750206,87.595390

22.3116226,0.413659,9.736694,1.422533,9.848752,81.695267,87.567276

22.3141365,0.387338,9.722338,1.408176,9.831421,81.765076,87.718544

22.3166523,0.387338,9.724730,1.389034,9.831064,81.877487,87.719101

22.3191662,0.404088,9.667302,1.422533,9.779756,81.636261,87.606461

22.3216820,0.389731,9.715159,1.400998,9.823391,81.800598,87.702766

22.3241959,0.404088,9.741480,1.386641,9.847969,81.905586,87.624664

22.3267136,0.439980,9.700802,1.372284,9.807258,81.956474,87.403130

22.3292294,0.442373,9.707980,1.374677,9.814800,81.948586,87.390953

22.3317432,0.437587,9.693624,1.400998,9.804112,81.784370,87.415321

22.3342590,0.442373,9.667302,1.369891,9.773895,81.943001,87.379990

22.3367729,0.430409,9.698409,1.400998,9.808526,81.788094,87.458916

22.3392887,0.461516,9.741480,1.384248,9.850156,81.921455,87.287567

22.3418045,0.459123,9.662517,1.384248,9.771958,81.856369,87.279587

22.3443203,0.418445,9.696016,1.365105,9.800578,81.993340,87.528854

22.3468361,0.459123,9.719945,1.362713,9.825737,82.028061,87.295639

22.3493500,0.471087,9.719945,1.365105,9.826635,82.014709,87.225273

22.3518658,0.471087,9.724730,1.386641,9.834383,81.894325,87.226639

22.3543797,0.466301,9.684052,1.405783,9.796659,81.749794,87.243256

22.3568974,0.447159,9.686445,1.360320,9.791713,82.014320,87.356911

22.3594112,0.504586,9.715159,1.379462,9.825571,81.929291,87.026840

22.3619270,0.492622,9.707980,1.381855,9.818201,81.909088,87.095070

22.3644428,0.506979,9.684052,1.446461,9.804598,81.516251,87.003189

22.3669586,0.487837,9.700802,1.427319,9.817371,81.640305,87.121117

22.3694744,0.487837,9.698409,1.422533,9.814312,81.665916,87.120407

22.3719902,0.518943,9.710373,1.444068,9.830869,81.553185,86.940903

22.3745060,0.516551,9.669696,1.420140,9.787066,81.656708,86.942192

22.3770199,0.478265,9.669696,1.415355,9.784426,81.682770,87.168442

22.3795357,0.504586,9.686445,1.422533,9.803338,81.656525,87.018044

22.3820515,0.504586,9.684052,1.427319,9.801669,81.626816,87.017311

22.3845654,0.521336,9.655338,1.396212,9.769686,81.783577,86.909340

22.3870811,0.509372,9.664909,1.415355,9.781266,81.680061,86.983116

22.3895969,0.499801,9.684052,1.424926,9.801076,81.640450,87.045547

22.3921127,0.497408,9.679267,1.396212,9.792090,81.802505,87.058212

22.3946266,0.511765,9.688838,1.420140,9.805727,81.672699,86.976440

22.3971424,0.495015,9.691231,1.400998,9.804478,81.784676,87.075951

22.3996582,0.502194,9.684052,1.398605,9.797405,81.792839,87.031425

22.4021740,0.502194,9.676874,1.439283,9.796205,81.551376,87.029228

22.4046898,0.528515,9.674481,1.436890,9.794874,81.564369,86.873055

22.4072056,0.497408,9.679267,1.458425,9.801154,81.442528,87.058212

22.4097214,0.490230,9.664909,1.446461,9.784838,81.498993,87.096298

22.4122353,0.487837,9.684052,1.420140,9.799778,81.667610,87.116150

22.4147511,0.466301,9.662517,1.417747,9.777100,81.662315,87.237122

22.4172668,0.485444,9.652946,1.374677,9.762415,81.905098,87.121040

22.4197826,0.459123,9.691231,1.410569,9.804104,81.727844,87.287636

22.4222984,0.423230,9.667302,1.436890,9.782663,81.553764,87.493217

22.4248123,0.451944,9.691231,1.403391,9.802740,81.769081,87.329979

22.4273357,0.430409,9.705587,1.396212,9.814941,81.821716,87.460793

22.4298515,0.404088,9.686445,1.396212,9.794892,81.804863,87.611183

22.4323654,0.428016,9.724730,1.424926,9.837886,81.671951,87.479858

22.4348812,0.401695,9.700802,1.420140,9.812427,81.678429,87.628822

22.4373970,0.439980,9.705587,1.398605,9.815707,81.808250,87.404404

22.4399128,0.418445,9.705587,1.415355,9.817166,81.710701,87.531288

22.4424286,0.384945,9.712767,1.386641,9.818798,81.881378,87.730392

22.4449444,0.416052,9.731909,1.427319,9.844815,81.663773,87.552017

22.4474545,0.432802,9.731909,1.408176,9.842781,81.774643,87.453598

22.4499683,0.439980,9.734302,1.405783,9.845122,81.790688,87.412048

22.4524841,0.428016,9.719945,1.393819,9.828696,81.847336,87.478622

22.4549980,0.451944,9.758230,1.365105,9.863611,82.044838,87.348289

22.4575157,0.442373,9.755837,1.396212,9.865164,81.863640,87.403732

22.4600296,0.456730,9.753445,1.393819,9.863114,81.875977,87.318939

22.4625454,0.432802,9.794421,1.343570,9.895615,82.196602,87.469826

22.4650593,0.454337,9.787243,1.377069,9.894082,81.999535,87.342163

22.4675751,0.461516,9.746265,1.391426,9.855900,81.884041,87.288895

22.4700909,0.495015,9.753445,1.396212,9.865299,81.863747,87.094566

22.4726048,0.504586,9.768100,1.400998,9.880950,81.848694,87.042923

22.4751205,0.509372,9.729516,1.400998,9.843055,81.817093,87.003113

22.4776344,0.497408,9.693624,1.403391,9.807306,81.772934,87.062561

22.4801521,0.504586,9.707980,1.403391,9.821863,81.785217,87.024643

22.4826660,0.511765,9.719945,1.408176,9.834744,81.767876,86.986099

22.4851818,0.559621,9.741480,1.432104,9.862076,81.650368,86.712128

22.4876976,0.552443,9.705587,1.451247,9.829025,81.509285,86.742233

22.4902115,0.547657,9.698409,1.439283,9.819908,81.571922,86.768013

22.4927273,0.542872,9.729516,1.396212,9.844166,81.846161,86.806412

22.4952412,0.545264,9.712767,1.436890,9.833606,81.597839,86.786850

22.4977589,0.538086,9.693624,1.420140,9.811864,81.677948,86.822815

22.5002728,0.564407,9.691231,1.444068,9.814471,81.538971,86.666916

22.5027885,0.562014,9.710373,1.429712,9.831138,81.638000,86.687546

22.5053043,0.535693,9.688838,1.384248,9.801872,81.881386,86.835358

22.5078182,0.533300,9.681660,1.410569,9.798401,81.722992,86.847130

22.5103340,0.538086,9.636196,1.410569,9.753744,81.684830,86.803917

22.5128498,0.538086,9.650553,1.405783,9.767238,81.724770,86.808662

22.5153656,0.547657,9.650553,1.379462,9.764016,81.878067,86.752014

22.5178795,0.523729,9.617053,1.389034,9.730951,81.793350,86.882843

22.5203953,0.538086,9.631411,1.398605,9.747292,81.750351,86.802330

22.5229092,0.528515,9.652946,1.400998,9.768392,81.754112,86.866089

22.5254250,0.514158,9.669696,1.379462,9.781119,81.892365,86.956329

22.5279446,0.480658,9.657731,1.429712,9.774808,81.589462,87.150780

22.5304585,0.473480,9.631411,1.422533,9.747402,81.608299,87.185608

22.5329742,0.471087,9.652946,1.408176,9.766486,81.709938,87.206047

22.5354900,0.497408,9.698409,1.410569,9.813066,81.735451,87.064011

22.5380058,0.490230,9.676874,1.424926,9.793499,81.633934,87.099884

22.5405216,0.461516,9.676874,1.410569,9.790026,81.715858,87.269485

22.5430355,0.447159,9.676874,1.451247,9.795303,81.479836,87.354301

22.5455513,0.451944,9.698409,1.420140,9.812247,81.678276,87.331955

22.5480652,0.459123,9.684052,1.396212,9.794951,81.804916,87.285629

22.5505810,0.463908,9.707980,1.412962,9.821230,81.728264,87.264130

22.5530968,0.418445,9.707980,1.412962,9.819187,81.726524,87.531898

22.5556126,0.461516,9.712767,1.439283,9.829668,81.580353,87.279556

22.5581284,0.428016,9.722338,1.424926,9.835520,81.669930,87.479240

22.5606422,0.468694,9.715159,1.412962,9.828553,81.734467,87.237991

22.5631580,0.442373,9.676874,1.460818,9.796508,81.424286,87.382576

22.5656738,0.463908,9.703195,1.465604,9.824215,81.420425,87.262779

22.5681877,0.459123,9.724730,1.412962,9.837563,81.742088,87.296967

22.5707016,0.456730,9.698409,1.429712,9.813858,81.623169,87.303749

22.5732193,0.459123,9.707980,1.434497,9.824126,81.603783,87.292305

22.5757351,0.444766,9.696016,1.451247,9.814105,81.496284,87.373627

22.5782490,0.483051,9.700802,1.482354,9.825287,81.322578,87.149315

22.5807648,0.444766,9.696016,1.477568,9.818032,81.344368,87.373627

22.5832787,0.471087,9.739087,1.475175,9.861434,81.396812,87.230721

22.5857964,0.435195,9.696016,1.439283,9.811914,81.565002,87.430069

22.5883102,0.425623,9.712767,1.456033,9.830515,81.482376,87.490845

22.5908260,0.456730,9.724730,1.453640,9.843376,81.507675,87.311035

22.5933399,0.463908,9.727123,1.436890,9.843616,81.606445,87.269501

22.5958576,0.420838,9.739087,1.410569,9.849702,81.766403,87.525719

22.5983734,0.418445,9.736694,1.417747,9.848265,81.722992,87.539169

22.6008873,0.449552,9.739087,1.422533,9.852691,81.698616,87.357132

22.6034031,0.461516,9.765409,1.417747,9.878573,81.748566,87.294197

22.6059170,0.456730,9.765409,1.393819,9.874945,81.885773,87.322220

22.6084347,0.447159,9.719945,1.405783,9.831252,81.779022,87.366005

22.6109486,0.478265,9.748658,1.398605,9.860080,81.845367,87.191345

22.6134663,0.485444,9.736694,1.367498,9.844233,82.015015,87.145760

22.6159821,0.492622,9.674481,1.350748,9.780736,82.061913,87.085030

22.6184959,0.502194,9.693624,1.386641,9.805167,81.870010,87.034355

22.6210117,0.523729,9.715159,1.398605,9.829278,81.819641,86.914261

22.6235275,0.495015,9.727123,1.400998,9.839957,81.814499,87.086723

22.6260433,0.514158,9.674481,1.369891,9.784506,81.951797,86.957832

22.6285553,0.521336,9.672089,1.396212,9.786241,81.797569,86.914680

22.6310711,0.523729,9.691231,1.400998,9.805969,81.785934,86.906654

22.6335869,0.528515,9.655338,1.427319,9.774565,81.603432,86.866867

22.6361008,0.547657,9.650553,1.398605,9.766739,81.766891,86.752014

22.6386185,0.542872,9.650553,1.417747,9.769232,81.655556,86.780342

22.6411324,0.516551,9.638589,1.384248,9.751172,81.838890,86.932343

22.6436481,0.514158,9.648160,1.412962,9.764620,81.679970,86.949547

22.6461620,0.492622,9.657731,1.424926,9.774705,81.617729,87.079979

22.6486855,0.444766,9.638589,1.422533,9.753143,81.613274,87.358002

22.6512032,0.471087,9.681660,1.436890,9.799036,81.567978,87.214317

22.6537170,0.485444,9.619446,1.422533,9.736169,81.598549,87.111031

22.6562328,0.454337,9.631411,1.460818,9.752152,81.384987,87.299217

22.6587486,0.406481,9.636196,1.451247,9.753339,81.442902,87.584541

22.6612644,0.411266,9.652946,1.448854,9.769732,81.471558,87.560371

22.6637802,0.406481,9.669696,1.463211,9.788219,81.402802,87.592903

22.6662941,0.420838,9.664909,1.465604,9.784455,81.385300,87.506752

22.6688099,0.413659,9.652946,1.463211,9.771973,81.388405,87.546196

22.6713238,0.396909,9.664909,1.456033,9.782027,81.439842,87.648354

22.6738415,0.413659,9.679267,1.499103,9.803399,81.204010,87.552864

22.6763573,0.370588,9.626625,1.456033,9.743166,81.405441,87.795418

22.6788712,0.349053,9.660124,1.441676,9.773345,81.517288,87.930611

22.6813869,0.389731,9.643374,1.463211,9.761534,81.379120,87.685684

22.6839027,0.365803,9.652946,1.482354,9.772949,81.275742,87.829788

22.6864185,0.351446,9.679267,1.472782,9.796980,81.353935,87.920555

22.6889324,0.370588,9.698409,1.446461,9.812681,81.523293,87.811722

22.6914482,0.361017,9.703195,1.429712,9.814601,81.623810,87.869232

22.6939659,0.380160,9.686445,1.453640,9.802286,81.471809,87.752487

22.6964798,0.356231,9.703195,1.420140,9.813037,81.678947,87.897453

22.6989956,0.387338,9.705587,1.393819,9.812807,81.834045,87.714607

22.7015095,0.377767,9.724730,1.412962,9.834102,81.739166,87.775406

22.7040272,0.370588,9.719945,1.396212,9.826702,81.831573,87.816566

22.7065411,0.401695,9.703195,1.389034,9.810339,81.860207,87.629410

22.7090569,0.389731,9.739087,1.408176,9.848080,81.779106,87.708405

22.7115726,0.406481,9.724730,1.372284,9.829485,81.974785,87.606506

22.7140865,0.416052,9.760623,1.374677,9.865728,81.990425,87.559212

22.7166042,0.401695,9.741480,1.410569,9.851269,81.767723,87.638718

22.7191181,0.418445,9.707980,1.410569,9.818843,81.740349,87.531898

22.7216339,0.418445,9.722338,1.403391,9.832011,81.793755,87.535538

22.7241478,0.437587,9.662517,1.405783,9.774044,81.730568,87.407013

22.7266655,0.451944,9.679267,1.348356,9.783175,82.078056,87.326683

22.7291794,0.425623,9.696016,1.360320,9.800222,82.021301,87.486519

22.7316952,0.423230,9.652946,1.345963,9.755516,82.069641,87.489494

22.7342110,0.408874,9.681660,1.341177,9.782661,82.120079,87.581734

22.7367249,0.408874,9.686445,1.367498,9.791039,81.971344,87.582932

22.7392406,0.416052,9.722338,1.336391,9.822570,82.180481,87.549614

22.7417564,0.416052,9.727123,1.322034,9.825365,82.267212,87.550819

22.7442722,0.396909,9.705587,1.286142,9.798475,82.457626,87.658195

22.7467880,0.425623,9.698409,1.295713,9.793833,82.397545,87.487137

22.7493057,0.430409,9.743873,1.314856,9.841603,82.322220,87.470757

22.7518234,0.451944,9.707980,1.283749,9.802916,82.475166,87.334579

22.7543373,0.449552,9.734302,1.286142,9.829185,82.481323,87.355835

22.7568531,0.454337,9.748658,1.273879,9.842029,82.563194,87.331657

22.7593708,0.454337,9.741480,1.266701,9.833991,82.599258,87.329689

22.7618847,0.454337,9.760623,1.290928,9.856098,82.473915,87.334923

22.7644005,0.377767,9.768100,1.302892,9.861846,82.408203,87.785271

22.7669144,0.444766,9.789636,1.322034,9.888506,82.316887,87.398712

22.7694149,0.463908,9.796814,1.343570,9.899392,82.199600,87.288895

22.7719307,0.432802,9.751051,1.389034,9.858992,81.900650,87.458588

22.7744446,0.454337,9.784850,1.389034,9.893388,81.928993,87.341507

22.7769604,0.454337,9.765409,1.391426,9.874497,81.899429,87.336227

22.7794762,0.456730,9.768100,1.432104,9.883081,81.668243,87.322952

22.7819920,0.416052,9.746265,1.446461,9.861796,81.565819,87.555618

22.7845078,0.428016,9.662517,1.463211,9.782045,81.397339,87.463654

22.7870216,0.432802,9.643374,1.424926,9.757684,81.603004,87.430244

22.7895393,0.382553,9.617053,1.479961,9.737779,81.258232,87.722054

22.7920570,0.339482,9.619446,1.503889,9.742210,81.119835,87.978806

22.7945709,0.308076,9.605089,1.544567,9.733362,80.869255,88.162910

22.7970867,0.233898,9.617053,1.564009,9.746206,80.765617,88.606773

22.7996006,0.241077,9.614660,1.571187,9.745175,80.721863,88.563675

22.8021164,0.181256,9.621839,1.573580,9.751348,80.713547,88.920792

22.8046303,0.123829,9.657731,1.599901,9.790137,80.594559,89.265411

22.8071461,0.121436,9.686445,1.654936,9.827553,80.305336,89.281738

22.8096657,0.099900,9.672089,1.633401,9.809550,80.414963,89.408226

22.8121796,0.097508,9.688838,1.599901,9.820528,80.623924,89.423401

22.8146954,0.066102,9.664909,1.595115,9.795879,80.628494,89.608139

22.8172092,0.095115,9.684052,1.571187,9.811144,80.784798,89.437271

22.8197250,0.058923,9.707980,1.561616,9.832954,80.861908,89.652245

22.8222389,0.078365,9.691231,1.518246,9.809749,81.096596,89.536705

22.8247566,0.078365,9.707980,1.549353,9.831150,80.932594,89.537506

22.8272724,0.075972,9.743873,1.489532,9.857359,81.308823,89.553276

22.8297825,0.111864,9.772886,1.499103,9.887828,81.279701,89.344200

22.8322983,0.104686,9.763016,1.482354,9.875464,81.367004,89.385658

22.8348141,0.090329,9.719945,1.456033,9.828811,81.480888,89.467560

22.8373299,0.119043,9.758230,1.444068,9.865220,81.582817,89.301071

22.8398438,0.140578,9.770494,1.398605,9.871089,81.854523,89.175682

22.8423595,0.178863,9.796814,1.403391,9.898438,81.849197,88.954048

22.8448734,0.164507,9.734302,1.384248,9.833608,81.907768,89.031815

22.8473892,0.231506,9.753445,1.374677,9.852564,81.979652,88.640297

22.8499069,0.245863,9.739087,1.350748,9.835384,82.106300,88.553879

22.8524208,0.284148,9.741480,1.353141,9.839114,82.095245,88.329224

22.8549366,0.312862,9.748658,1.307678,9.840947,82.363876,88.161850

22.8574505,0.358624,9.796814,1.278665,9.886413,82.568802,87.903557

22.8599663,0.384945,9.803992,1.249951,9.890845,82.739861,87.751488

22.8624802,0.396909,9.818350,1.235594,9.903749,82.833092,87.685066

22.8649960,0.442373,9.842278,1.242772,9.930287,82.810600,87.426506

22.8675098,0.430409,9.839885,1.233201,9.926196,82.863304,87.495407

22.8700256,0.401695,9.825528,1.228415,9.910165,82.879585,87.658890

22.8725414,0.473480,9.832706,1.240379,9.921937,82.818443,87.243134

22.8750553,0.506979,9.839885,1.206880,9.926577,83.016663,87.050568

22.8775730,0.471087,9.825528,1.223630,9.912628,82.909233,87.255043

22.8800869,0.506979,9.806385,1.245165,9.898113,82.773148,87.040504

22.8826027,0.526122,9.808778,1.228415,9.899390,82.871796,86.929718

22.8851166,0.502194,9.835099,1.226022,9.923936,82.903435,87.076935

22.8876324,0.492622,9.823135,1.218844,9.910713,82.935738,87.129066

22.8901501,0.504586,9.765409,1.233201,9.855891,82.812126,87.042114

22.8926640,0.497408,9.731909,1.276272,9.827835,82.538330,87.074097

22.8951817,0.523729,9.703195,1.298106,9.803640,82.391083,86.910461

22.8976955,0.511765,9.719945,1.317249,9.822137,82.292831,86.986099

22.9002113,0.480658,9.698409,1.360320,9.805134,82.025322,87.162712

22.9027252,0.485444,9.638589,1.362713,9.746540,81.962860,87.116753

22.9052410,0.495015,9.662517,1.329213,9.766068,82.177467,87.067276

22.9077568,0.485444,9.636196,1.367498,9.744843,81.933029,87.116043

22.9102745,0.439980,9.619446,1.355534,9.724442,81.987190,87.381195

22.9127903,0.442373,9.617053,1.343570,9.720524,82.055145,87.366318

22.9153042,0.442373,9.593125,1.379462,9.701890,81.825706,87.359756

22.9178200,0.394517,9.593125,1.381855,9.700166,81.809959,87.645042

22.9203339,0.394517,9.562018,1.410569,9.673549,81.615402,87.637390

22.9228497,0.365803,9.550055,1.422533,9.662347,81.533890,87.806427

22.9253674,0.341875,9.550055,1.412962,9.660067,81.589272,87.949791

22.9278812,0.344267,9.557233,1.381855,9.662750,81.778030,87.937004

22.9303932,0.344267,9.550055,1.372284,9.654285,81.828163,87.935455

22.9329071,0.351446,9.562018,1.393819,9.669459,81.712143,87.895081

22.9354229,0.324826,9.562018,1.393819,9.668529,81.711334,88.054390

22.9379368,0.284148,9.540483,1.369891,9.642518,81.832481,88.294044

22.9404526,0.284148,9.595518,1.331606,9.691640,82.102730,88.303825

22.9429665,0.296112,9.619446,1.345963,9.717667,82.038551,88.236839

22.9454823,0.255434,9.655338,1.353141,9.753040,82.025032,88.484581

22.9479961,0.226720,9.626625,1.324427,9.719950,82.168594,88.650856

22.9505138,0.219541,9.664909,1.333999,9.759007,82.143410,88.698730

22.9530296,0.193220,9.669696,1.300499,9.758671,82.341637,88.855263

22.9555454,0.166899,9.693624,1.341177,9.787388,82.123909,89.013611

22.9580612,0.181256,9.746265,1.348356,9.840762,82.124710,88.934563

22.9605751,0.214756,9.784850,1.360320,9.881289,82.087181,88.742683

22.9630909,0.181256,9.780065,1.307678,9.868766,82.385529,88.938248

22.9656067,0.174078,9.789636,1.276272,9.874013,82.573418,88.981285

22.9681206,0.159721,9.861421,1.324427,9.951243,82.351715,89.072090

22.9706421,0.147757,9.882956,1.307678,9.970189,82.463440,89.143456

22.9731560,0.200399,9.890134,1.278665,9.974463,82.634766,88.839203

22.9756718,0.154935,9.933205,1.264308,10.014541,82.747215,89.106392

22.9781876,0.209970,9.918848,1.276272,10.002825,82.669586,88.787300

22.9807014,0.229113,9.947562,1.252344,10.028702,82.826408,88.680595

22.9832172,0.212363,9.914063,1.249951,9.994804,82.815773,88.772888

22.9857330,0.221934,9.959526,1.245165,10.039515,82.875465,88.723457

22.9882488,0.233898,9.942777,1.228415,10.021104,82.958809,88.652397

22.9907513,0.288933,9.949955,1.214058,10.027912,83.046265,88.336678

22.9932652,0.276969,9.940384,1.223630,10.019242,82.985069,88.403976

22.9957809,0.305683,9.923634,1.240379,10.005523,82.878754,88.235641

22.9982967,0.322433,9.882956,1.209273,9.961884,83.027672,88.131378

23.0008106,0.320040,9.844670,1.230808,9.926472,82.877419,88.138031

23.0033264,0.351446,9.811171,1.216451,9.892539,82.936661,87.948486

23.0058403,0.389731,9.803992,1.240379,9.889828,82.795006,87.723564

23.0083561,0.363410,9.719945,1.314856,9.815205,82.301445,87.858818

23.0108891,0.394517,9.715159,1.312463,9.811346,82.312500,87.674591

23.0134068,0.394517,9.643374,1.283749,9.736443,82.423492,87.657303

23.0159206,0.380160,9.633803,1.288535,9.727025,82.387672,87.740219

23.0184364,0.416052,9.640982,1.317249,9.739444,82.226990,87.528961

23.0209503,0.442373,9.585947,1.278665,9.680964,82.410179,87.357780

23.0234680,0.459123,9.593125,1.286142,9.689840,82.372566,87.259941

23.0259819,0.449552,9.573982,1.341177,9.677913,82.034241,87.311623

23.0284977,0.423230,9.593125,1.348356,9.696661,82.006912,87.473854

23.0310078,0.418445,9.612267,1.331606,9.713081,82.120270,87.507355

23.0335236,0.420838,9.569197,1.336391,9.671224,82.057327,87.481850

23.0360394,0.370588,9.573982,1.338784,9.674234,82.045502,87.783310

23.0385532,0.341875,9.585947,1.345963,9.686014,82.012367,87.957458

23.0410690,0.375374,9.619446,1.331606,9.718427,82.124634,87.765312

23.0435848,0.406481,9.619446,1.338784,9.720664,82.083740,87.580338

23.0461006,0.416052,9.590733,1.305285,9.688087,82.256943,87.516029

23.0486145,0.396909,9.638589,1.264308,9.729256,82.533348,87.641937

23.0511303,0.416052,9.664909,1.295713,9.760248,82.371223,87.535072

23.0536461,0.406481,9.679267,1.286142,9.772799,82.437691,87.595276

23.0561600,0.396909,9.691231,1.264308,9.781409,82.573387,87.654732

23.0586777,0.365803,9.686445,1.266701,9.775764,82.554932,87.837288

23.0611916,0.392124,9.681660,1.312463,9.778080,82.286186,87.680687

23.0637074,0.380160,9.684052,1.276272,9.775186,82.497910,87.751938

23.0662212,0.399302,9.770494,1.259522,9.859430,82.660530,87.659729

23.0687370,0.375374,9.768100,1.264308,9.856731,82.630455,87.799286

23.0712490,0.368196,9.717552,1.271486,9.807297,82.550812,87.830116

23.0737648,0.353839,9.751051,1.293321,9.842808,82.449646,87.921806

23.0762806,0.315254,9.753445,1.298106,9.844499,82.422852,88.148712

23.0787964,0.329611,9.741480,1.310070,9.834702,82.344933,88.062088

23.0813122,0.332004,9.696016,1.278665,9.785599,82.491806,88.038887

23.0838261,0.312862,9.746265,1.247558,9.830767,82.709312,88.161400

23.0863419,0.269791,9.734302,1.261915,9.819463,82.616409,88.412430

23.0888557,0.303290,9.731909,1.240379,9.815324,82.740021,88.214981

23.0913734,0.262612,9.760623,1.221237,9.840231,82.870842,88.458817

23.0938892,0.212363,9.758230,1.264308,9.842085,82.619431,88.753304

23.0964050,0.214756,9.768100,1.257129,9.851004,82.668243,88.740532

23.0989208,0.233898,9.763016,1.221237,9.841880,82.872040,88.627594

23.1014347,0.236291,9.801600,1.254736,9.884409,82.707146,88.619011

23.1039505,0.212363,9.784850,1.254736,9.867257,82.694397,88.756691

23.1064644,0.214756,9.758230,1.281057,9.844302,82.522789,88.739258

23.1089802,0.188435,9.787243,1.252344,9.868839,82.709579,88.897018

23.1114998,0.214756,9.784850,1.235594,9.864893,82.804710,88.742683

23.1140156,0.217149,9.770494,1.223630,9.849212,82.863342,88.726814

23.1165314,0.207577,9.755837,1.237987,9.836263,82.769608,88.781090

23.1190453,0.233898,9.775279,1.240379,9.856437,82.770470,88.629311

23.1215611,0.296112,9.743873,1.261915,9.829708,82.624146,88.259346

23.1240788,0.276969,9.729516,1.233201,9.811268,82.779259,88.369408

23.1265926,0.284148,9.717552,1.216451,9.797516,82.867798,88.325111

23.1291084,0.315254,9.753445,1.211666,9.833473,82.922112,88.148712

23.1316166,0.332004,9.731909,1.235594,9.815650,82.768425,88.046112

23.1341343,0.305683,9.731909,1.228415,9.813893,82.809364,88.200905

23.1366482,0.317647,9.755837,1.240379,9.839502,82.757957,88.135124

23.1391640,0.303290,9.724730,1.254736,9.810032,82.651543,88.213669

23.1416779,0.288933,9.743873,1.245165,9.827358,82.720833,88.301514

23.1441936,0.308076,9.741480,1.261915,9.827704,82.622635,88.188614

23.1467075,0.324826,9.727123,1.269093,9.814939,82.570732,88.087387

23.1492233,0.344267,9.693624,1.305285,9.787167,82.335800,87.966003

23.1517410,0.288933,9.696016,1.264308,9.782366,82.574120,88.293137

23.1542568,0.339482,9.717552,1.252344,9.803798,82.660950,87.999191

23.1567726,0.332004,9.717552,1.286142,9.807916,82.464928,88.043228

23.1592865,0.310469,9.696016,1.288535,9.786186,82.433968,88.166000

23.1618023,0.334696,9.617053,1.288535,9.708762,82.373268,88.006775

23.1643162,0.387338,9.688838,1.298106,9.783082,82.375000,87.710663

23.1668339,0.382553,9.703195,1.329213,9.801283,82.205742,87.742256

23.1693497,0.384945,9.662517,1.295713,9.756602,82.368362,87.718597

23.1718636,0.368196,9.715159,1.317249,9.810965,82.283997,87.829582

23.1743793,0.375374,9.734302,1.293321,9.827015,82.437439,87.791656

23.1768932,0.370588,9.696016,1.281057,9.787296,82.478989,87.811180

23.1794090,0.365803,9.731909,1.314856,9.827142,82.310860,87.847382

23.1819248,0.358624,9.693624,1.305285,9.787682,82.336205,87.881256

23.1844406,0.344267,9.727123,1.322034,9.822587,82.265015,87.973007

23.1869564,0.334696,9.727123,1.319642,9.821935,82.278580,88.029312

23.1894703,0.358624,9.724730,1.329213,9.821700,82.222046,87.888031

23.1919880,0.358624,9.700802,1.290928,9.792889,82.425049,87.882828

23.1945019,0.344267,9.729516,1.295713,9.821450,82.419044,87.973503

23.1970177,0.370588,9.693624,1.305285,9.788128,82.336555,87.810638

23.1995354,0.380160,9.715159,1.293321,9.808237,82.422874,87.759125

23.2020493,0.353839,9.710373,1.245165,9.796274,82.697609,87.913109

23.2045650,0.341875,9.758230,1.283749,9.848246,82.510002,87.993492

23.2070789,0.332004,9.741480,1.312463,9.835101,82.331184,88.048027

23.2095947,0.365803,9.684052,1.278665,9.774951,82.483582,87.836754

23.2121162,0.344267,9.705587,1.259522,9.793025,82.610481,87.968513

23.2146301,0.322433,9.719945,1.295713,9.811227,82.411102,88.100067

23.2171478,0.339482,9.667302,1.266701,9.755845,82.539642,87.988800

23.2196617,0.372981,9.660124,1.288535,9.752816,82.407928,87.788887

23.2221775,0.363410,9.655338,1.300499,9.749304,82.334236,87.844505

23.2246914,0.392124,9.657731,1.293321,9.751831,82.378784,87.674950

23.2272091,0.368196,9.657731,1.283749,9.749633,82.433807,87.816689

23.2297249,0.358624,9.667302,1.288535,9.759389,82.413071,87.875496

23.2322388,0.387338,9.681660,1.257129,9.770617,82.607590,87.708969

23.2347546,0.375374,9.686445,1.271486,9.776749,82.527397,87.780754

23.2372684,0.380160,9.669696,1.252344,9.757864,82.626205,87.748604

23.2397842,0.401695,9.648160,1.235594,9.735248,82.708374,87.615906

23.2423000,0.401695,9.705587,1.209273,9.788877,82.903816,87.629990

23.2448158,0.387338,9.686445,1.221237,9.770807,82.819916,87.710098

23.2473316,0.423230,9.669696,1.245165,9.758718,82.669350,87.493835

23.2498455,0.399302,9.707980,1.245165,9.795650,82.697144,87.644676

23.2523613,0.418445,9.724730,1.261915,9.815187,82.613174,87.536140

23.2548752,0.430409,9.696016,1.293321,9.791356,82.409737,87.458290

23.2573929,0.394517,9.715159,1.276272,9.806571,82.522057,87.674591

23.2599068,0.404088,9.758230,1.240379,9.845044,82.762054,87.628738

23.2624226,0.416052,9.715159,1.223630,9.800750,82.827873,87.547806

23.2649364,0.428016,9.719945,1.271486,9.812095,82.554474,87.478622

23.2674522,0.392124,9.787243,1.293321,9.880110,82.478317,87.705681

23.2699699,0.389731,9.775279,1.307678,9.870056,82.386536,87.716881

23.2724819,0.387338,9.777672,1.326820,9.874885,82.278206,87.731438

23.2749996,0.401695,9.799207,1.310070,9.894549,82.391510,87.652611

23.2775135,0.423230,9.787243,1.310070,9.883599,82.383034,87.523895

23.2800293,0.416052,9.753445,1.331606,9.852713,82.232635,87.557419

23.2825432,0.401695,9.751051,1.374677,9.855662,81.982193,87.641029

23.2850590,0.396909,9.799207,1.329213,9.896909,82.281517,87.680542

23.2875767,0.365803,9.827921,1.326820,9.923824,82.316521,87.868393

23.2900906,0.365803,9.796814,1.355534,9.896911,82.127716,87.861626

23.2926064,0.401695,9.794421,1.369891,9.897911,82.044609,87.651466

23.2951221,0.377767,9.799207,1.365105,9.901044,82.075104,87.792297

23.2976379,0.380160,9.792028,1.343570,9.891083,82.193008,87.776703

23.3001518,0.370588,9.758230,1.336391,9.856284,82.207390,87.825119

23.3026676,0.365803,9.765409,1.336391,9.863213,82.212898,87.854759

23.3051853,0.384945,9.784850,1.298106,9.878085,82.448761,87.747093

23.3076992,0.361017,9.734302,1.314856,9.829334,82.312584,87.876038

23.3102150,0.384945,9.741480,1.305285,9.836076,82.374138,87.737068

23.3127327,0.375374,9.765409,1.286142,9.856890,82.502579,87.798683

23.3152504,0.358624,9.801600,1.269093,9.889922,82.627373,87.904579

23.3177662,0.351446,9.763016,1.331606,9.859674,82.238159,87.938377

23.3202801,0.375374,9.731909,1.300499,9.825592,82.394104,87.791115

23.3227959,0.351446,9.763016,1.266701,9.851117,82.612198,87.938377

23.3253117,0.346660,9.739087,1.281057,9.829094,82.511154,87.961433

23.3278275,0.370588,9.734302,1.266701,9.823365,82.591209,87.819778

23.3303413,0.368196,9.722338,1.264308,9.811110,82.595993,87.831184

23.3328514,0.404088,9.703195,1.264308,9.793556,82.582649,87.615303

23.3353672,0.370588,9.727123,1.273879,9.817181,82.544266,87.818176

23.3378830,0.384945,9.722338,1.314856,9.818395,82.303963,87.732620

23.3403988,0.399302,9.760623,1.283749,9.852777,82.513466,87.657364

23.3429127,0.375374,9.734302,1.254736,9.822011,82.660561,87.791656

23.3454285,0.380160,9.760623,1.269093,9.850121,82.597412,87.769554

23.3479443,0.349053,9.765409,1.288535,9.856236,82.488052,87.952904

23.3504601,0.399302,9.763016,1.278665,9.854486,82.544594,87.657936

23.3529739,0.399302,9.775279,1.288535,9.867920,82.496994,87.660873

23.3554916,0.416052,9.777672,1.298106,9.872236,82.444260,87.563461

23.3580074,0.399302,9.777672,1.288535,9.870291,82.498810,87.661446

23.3605213,0.406481,9.801600,1.300499,9.895852,82.448425,87.625252

23.3630371,0.418445,9.753445,1.312463,9.850245,82.343040,87.543388

23.3655510,0.413659,9.729516,1.314856,9.826670,82.310486,87.565483

23.3680687,0.430409,9.758230,1.345963,9.860017,82.154221,87.474480

23.3705826,0.435195,9.736694,1.350748,9.839570,82.109680,87.440788

23.3730984,0.451944,9.724730,1.379462,9.832475,81.934990,87.339165

23.3756161,0.449552,9.734302,1.377069,9.841496,81.956505,87.355835

23.3781300,0.416052,9.688838,1.384248,9.796062,81.876541,87.541153

23.3806458,0.437587,9.696016,1.405783,9.807163,81.758690,87.415955

23.3831596,0.408874,9.688838,1.372284,9.794076,81.945580,87.583527

23.3856754,0.447159,9.662517,1.422533,9.776900,81.633804,87.350372

23.3881912,0.418445,9.676874,1.381855,9.783993,81.880608,87.523972

23.3907070,0.404088,9.688838,1.372284,9.793877,81.945412,87.611778

23.3932247,0.396909,9.684052,1.396212,9.792233,81.802620,87.652992

23.3957405,0.399302,9.655338,1.393819,9.763592,81.792595,87.631851

23.3982563,0.389731,9.650553,1.374677,9.755757,81.899536,87.687408

23.4007702,0.365803,9.633803,1.400998,9.742010,81.731628,87.825478

23.4032860,0.389731,9.667302,1.381855,9.773338,81.871696,87.691406

23.4058037,0.382553,9.648160,1.391426,9.755481,81.799927,87.729393

23.4083176,0.370588,9.638589,1.386641,9.744871,81.819366,87.798149

23.4108334,0.389731,9.655338,1.391426,9.762864,81.806168,87.688553

23.4133511,0.389731,9.662517,1.367498,9.766584,81.951111,87.690269

23.4158669,0.377767,9.674481,1.353141,9.775954,82.043846,87.763863

23.4183807,0.382553,9.717552,1.362713,9.820089,82.023445,87.745590

23.4208984,0.349053,9.693624,1.386641,9.798518,81.864456,87.937752

23.4234142,0.329611,9.662517,1.345963,9.761377,82.074432,88.046265

23.4259281,0.351446,9.703195,1.341177,9.801747,82.135521,87.925674

23.4284439,0.375374,9.703195,1.329213,9.801005,82.205521,87.784584

23.4309597,0.341875,9.696016,1.293321,9.787864,82.407005,87.980629

23.4334755,0.363410,9.693624,1.331606,9.791403,82.183701,87.853012

23.4359913,0.363410,9.693624,1.298106,9.786903,82.377991,87.853012

23.4385052,0.339482,9.698409,1.312463,9.792699,82.297775,87.995247

23.4410210,0.324826,9.729516,1.300499,9.821421,82.390854,88.087860

23.4435368,0.308076,9.731909,1.266701,9.818833,82.587769,88.186836

23.4460526,0.317647,9.755837,1.278665,9.844401,82.536911,88.135124

23.4485664,0.317647,9.727123,1.273879,9.815325,82.542847,88.129623

23.4510822,0.334696,9.739087,1.261915,9.826203,82.621498,88.031731

23.4535999,0.310469,9.772886,1.278665,9.861069,82.549599,88.180420

23.4561138,0.308076,9.748658,1.235594,9.831477,82.780128,88.189949

23.4586315,0.351446,9.758230,1.233201,9.842121,82.802017,87.937363

23.4611454,0.339482,9.736694,1.305285,9.829660,82.369133,88.003120

23.4636612,0.349053,9.784850,1.281057,9.874525,82.545799,87.956963

23.4661751,0.315254,9.746265,1.305285,9.838336,82.375900,88.147346

23.4686928,0.281755,9.751051,1.281057,9.838876,82.518639,88.344910

23.4712086,0.288933,9.760623,1.305285,9.851751,82.386345,88.304428

23.4737244,0.303290,9.765409,1.341177,9.861742,82.183670,88.221100

23.4762402,0.308076,9.758230,1.317249,9.851554,82.315979,88.191719

23.4787540,0.284148,9.784850,1.348356,9.881402,82.157303,88.336624

23.4812717,0.293719,9.731909,1.348356,9.829262,82.115433,88.271278

23.4837875,0.279362,9.727123,1.300499,9.817651,82.387917,88.354919

23.4863014,0.291326,9.727123,1.341177,9.823470,82.153023,88.284508

23.4888172,0.312862,9.719945,1.355534,9.818996,82.064850,88.156425

23.4913330,0.317647,9.719945,1.348356,9.818161,82.106461,88.128242

23.4938526,0.279362,9.710373,1.350748,9.807849,82.084000,88.352089

23.4963684,0.267398,9.724730,1.377069,9.825386,81.943230,88.424950

23.4988842,0.248255,9.703195,1.338784,9.798263,82.146835,88.534416

23.5014000,0.265005,9.727123,1.336391,9.822072,82.180077,88.439423

23.5039139,0.262612,9.712767,1.360320,9.811079,82.030182,88.451225

23.5064316,0.219541,9.715159,1.353141,9.811397,82.072769,88.705460

23.5089455,0.257827,9.741480,1.353141,9.838389,82.094658,88.483910

23.5114613,0.255434,9.743873,1.372284,9.843347,81.986160,88.498344

23.5139790,0.257827,9.727123,1.314856,9.818974,82.304420,88.481674

23.5164928,0.272184,9.736694,1.333999,9.831421,82.201637,88.398750

23.5190086,0.281755,9.770494,1.348356,9.867116,82.145874,88.348198

23.5215244,0.260219,9.741480,1.362713,9.839773,82.039505,88.469849

23.5240402,0.276969,9.731909,1.372284,9.832087,81.976921,88.369804

23.5265541,0.274576,9.770494,1.331606,9.864639,82.242088,88.390266

23.5290718,0.245863,9.746265,1.331606,9.839884,82.222450,88.554947

23.5315876,0.265005,9.760623,1.348356,9.856878,82.137665,88.444778

23.5340996,0.238684,9.727123,1.331606,9.820746,82.207199,88.594360

23.5366154,0.219541,9.760623,1.310070,9.850596,82.357361,88.711487

23.5391293,0.233898,9.724730,1.281057,9.811534,82.497673,88.622192

23.5416470,0.255434,9.719945,1.283749,9.807680,82.478844,88.494652

23.5441608,0.257827,9.705587,1.300499,9.795724,82.370781,88.478310

23.5466766,0.293719,9.710373,1.324427,9.804679,82.236687,88.267448

23.5491924,0.310469,9.710373,1.333999,9.806492,82.181686,88.168709

23.5517082,0.337089,9.715159,1.338784,9.812762,82.158508,88.012794

23.5542240,0.332004,9.719945,1.400998,9.826004,81.802795,88.043709

23.5567398,0.363410,9.743873,1.389034,9.849088,81.892448,87.864075

23.5592556,0.344267,9.693624,1.367498,9.795658,81.975159,87.966003

23.5617695,0.387338,9.684052,1.355534,9.786132,82.038025,87.709534

23.5642872,0.368196,9.691231,1.389034,9.797190,81.849213,87.824226

23.5668030,0.377767,9.681660,1.336391,9.780756,82.146835,87.765518

23.5693169,0.401695,9.660124,1.377069,9.766047,81.893944,87.618851

23.5718346,0.423230,9.719945,1.362713,9.824125,82.026749,87.506775

23.5743046,0.396909,9.686445,1.319642,9.783978,82.248444,87.653572

23.5767803,0.396909,9.688838,1.312463,9.785380,82.291977,87.654152

23.5792942,0.370588,9.640982,1.365105,9.744197,81.946701,87.798698

23.5818081,0.375374,9.655338,1.384248,9.761281,81.847397,87.773613

23.5843201,0.394517,9.662517,1.374677,9.767784,81.909576,87.661934

23.5868359,0.416052,9.674481,1.389034,9.782540,81.836922,87.537506

23.5893478,0.404088,9.657731,1.362713,9.761765,81.975479,87.604095

23.5918617,0.392124,9.674481,1.350748,9.776189,82.058197,87.678970

23.5944080,0.384945,9.640982,1.372284,9.745762,81.905380,87.713509

23.5969524,0.394517,9.679267,1.353141,9.781352,82.048264,87.665977

23.5994968,0.399302,9.636196,1.360320,9.739927,81.971581,87.627151

23.6020241,0.384945,9.617053,1.389034,9.724469,81.787842,87.707825

23.6045399,0.401695,9.674481,1.365105,9.778571,81.975197,87.622383

23.6070557,0.425623,9.631411,1.345963,9.734312,82.052254,87.469681

23.6095734,0.408874,9.621839,1.362713,9.726456,81.946152,87.566719

23.6120872,0.399302,9.640982,1.362713,9.744996,81.961578,87.628326

23.6146069,0.418445,9.667302,1.374677,9.773513,81.914352,87.521523

23.6171246,0.408874,9.676874,1.408176,9.787340,81.727730,87.580544

23.6196384,0.389731,9.676874,1.372284,9.781460,81.935120,87.693687

23.6221561,0.406481,9.681660,1.353141,9.784209,82.050606,87.595871

23.6246700,0.406481,9.705587,1.400998,9.814604,81.793213,87.601791

23.6271877,0.363410,9.710373,1.417747,9.820052,81.699043,87.856712

23.6297016,0.363410,9.741480,1.369891,9.844039,82.000793,87.863548

23.6322193,0.368196,9.729516,1.326820,9.826469,82.239929,87.832779

23.6347256,0.363410,9.777672,1.348356,9.876892,82.153702,87.871452

23.6372414,0.394517,9.801600,1.360320,9.903406,82.104965,87.695076

23.6397591,0.372981,9.763016,1.336391,9.861112,82.211227,87.812164

23.6422729,0.396909,9.746265,1.310070,9.841927,82.350586,87.667961

23.6447887,0.399302,9.741480,1.336391,9.840824,82.195076,87.652763

23.6473045,0.387338,9.741480,1.307678,9.836488,82.360397,87.723022

23.6498203,0.399302,9.751051,1.307678,9.846444,82.368164,87.655067

23.6523361,0.439980,9.760623,1.290928,9.855447,82.473412,87.419022

23.6548538,0.449552,9.751051,1.269093,9.843560,82.592453,87.360367

23.6573696,0.461516,9.760623,1.264308,9.852981,82.627632,87.292877

23.6598854,0.480658,9.770494,1.254736,9.862451,82.690819,87.183609

23.6624012,0.461516,9.760623,1.259522,9.852368,82.655235,87.292877

23.6649151,0.492622,9.760623,1.278665,9.856339,82.545998,87.110710

23.6674328,0.523729,9.727123,1.283749,9.825438,82.492516,86.918045

23.6699486,0.495015,9.722338,1.298106,9.821098,82.404686,87.085289

23.6724644,0.511765,9.753445,1.286142,9.851180,82.498207,86.996437

23.6749783,0.545264,9.782457,1.242772,9.876146,82.770981,86.809692

23.6774940,0.550050,9.768100,1.245165,9.862493,82.746902,86.777031

23.6800098,0.547657,9.731909,1.264308,9.828959,82.609520,86.779114

23.6825237,0.552443,9.751051,1.257129,9.847261,82.665443,86.757393

23.6850414,0.523729,9.734302,1.235594,9.826373,82.776360,86.920319

23.6875572,0.554836,9.722338,1.266701,9.820195,82.588806,86.733780

23.6900730,0.518943,9.700802,1.273879,9.797838,82.529465,86.937889

23.6925888,0.542872,9.719945,1.261915,9.816541,82.614197,86.803276

23.6951027,0.552443,9.727123,1.286142,9.827323,82.479897,86.749428

23.6976185,0.509372,9.693624,1.254736,9.787756,82.634727,86.992035

23.7001362,0.526122,9.700802,1.269093,9.797600,82.557503,86.895615

23.7026501,0.514158,9.715159,1.307678,9.816247,82.344551,86.970551

23.7051678,0.559621,9.722338,1.350748,9.831660,82.103294,86.705666

23.7076817,0.547657,9.700802,1.317249,9.805133,82.279381,86.768806

23.7101974,0.535693,9.700802,1.307678,9.803190,82.334290,86.839249

23.7127132,0.518943,9.696016,1.341177,9.802081,82.135796,86.936378

23.7152309,0.523729,9.719945,1.355534,9.827975,82.072144,86.915779

23.7177467,0.533300,9.707980,1.348356,9.815669,82.104446,86.855659

23.7202625,0.499801,9.715159,1.329213,9.818398,82.219414,87.054985

23.7227783,0.480658,9.731909,1.348356,9.836623,82.121376,87.172462

23.7252941,0.483051,9.710373,1.350748,9.815763,82.090424,87.152115

23.7278099,0.461516,9.743873,1.341177,9.846563,82.171539,87.288231

23.7303257,0.459123,9.703195,1.326820,9.804246,82.222229,87.290977

23.7328415,0.466301,9.705587,1.341177,9.808906,82.141296,87.249359

23.7353535,0.454337,9.736694,1.338784,9.838799,82.179390,87.328384

23.7378674,0.430409,9.700802,1.357927,9.804834,82.039192,87.459541

23.7403831,0.449552,9.688838,1.353141,9.793195,82.057945,87.343445

23.7428989,0.418445,9.731909,1.343570,9.833124,82.146698,87.537956

23.7454147,0.430409,9.707980,1.381855,9.815276,81.906662,87.461418

23.7479286,0.475873,9.710373,1.384248,9.820079,81.896545,87.194374

23.7504463,0.442373,9.736694,1.360320,9.841208,82.054741,87.398636

23.7529621,0.432802,9.734302,1.350748,9.837096,82.107681,87.454216

23.7554741,0.451944,9.734302,1.417747,9.847380,81.722244,87.341782

23.7579899,0.483051,9.724730,1.336391,9.828004,82.184830,87.156319

23.7605057,0.475873,9.739087,1.314856,9.838959,82.320145,87.202629

23.7630215,0.463908,9.717552,1.319642,9.817713,82.275246,87.266815

23.7655354,0.442373,9.724730,1.362713,9.829703,82.031303,87.395439

23.7680531,0.463908,9.715159,1.341177,9.818263,82.148834,87.266144

23.7705688,0.437587,9.679267,1.302892,9.776361,82.341423,87.411491

23.7730827,0.480658,9.691231,1.374677,9.800036,81.936378,87.160614

23.7756042,0.506979,9.705587,1.338784,9.810596,82.156769,87.009827

23.7781219,0.499801,9.698409,1.345963,9.804109,82.109192,87.049911

23.7806358,0.487837,9.719945,1.338784,9.823832,82.167404,87.126778

23.7831516,0.468694,9.672089,1.374677,9.780527,81.920189,87.225708

23.7856674,0.483051,9.664909,1.384248,9.775477,81.859322,87.138748

23.7881832,0.514158,9.640982,1.379462,9.752733,81.868607,86.947281

23.7906990,0.471087,9.669696,1.362713,9.776601,81.987732,87.210876

23.7932148,0.451944,9.657731,1.391426,9.767911,81.810432,87.320732

23.7957382,0.461516,9.648160,1.381855,9.757536,81.858444,87.261368

23.7982521,0.447159,9.605089,1.374677,9.713260,81.863853,87.334557

23.8007679,0.442373,9.643374,1.372284,9.750566,81.909393,87.373497

23.8032856,0.466301,9.643374,1.396212,9.755076,81.771187,87.231644

23.8057995,0.442373,9.600304,1.403391,9.712417,81.691994,87.361732

23.8083172,0.363410,9.664909,1.386641,9.770636,81.841087,87.846634

23.8108311,0.380160,9.640982,1.417747,9.752080,81.640778,87.741905

23.8133488,0.363410,9.626625,1.400998,9.734822,81.725479,87.838081

23.8158379,0.363410,9.633803,1.384248,9.739527,81.829063,87.839691

23.8183517,0.365803,9.650553,1.379462,9.755507,81.870934,87.829254

23.8208675,0.353839,9.657731,1.372284,9.761154,81.918228,87.901741

23.8233814,0.315254,9.655338,1.348356,9.754128,82.054314,88.129913

23.8258991,0.322433,9.664909,1.362713,9.765830,81.978836,88.089256

23.8284130,0.337089,9.691231,1.331606,9.788093,82.181038,88.007889

23.8309288,0.356231,9.679267,1.314856,9.774659,82.269318,87.892265

23.8334446,0.327219,9.736694,1.360320,9.836704,82.051079,88.075203

23.8359814,0.346660,9.748658,1.331606,9.845287,82.226746,87.963432

23.8384953,0.370588,9.715159,1.312463,9.810413,82.311768,87.815491

23.8410130,0.332004,9.703195,1.310070,9.796862,82.315186,88.040337

23.8435287,0.339482,9.748658,1.310070,9.842148,82.350761,88.005569

23.8460426,0.353839,9.770494,1.254736,9.857084,82.686813,87.925941

23.8485603,0.327219,9.734302,1.281057,9.823686,82.507004,88.074730

23.8510742,0.315254,9.787243,1.261915,9.873294,82.656891,88.155098

23.8535919,0.358624,9.743873,1.261915,9.831790,82.625717,87.892174

23.8561077,0.351446,9.775279,1.271486,9.863887,82.593788,87.940956

23.8586216,0.382553,9.739087,1.259522,9.827642,82.636658,87.750572

23.8611374,0.411266,9.787243,1.300499,9.881830,82.437645,87.593811

23.8636532,0.392124,9.796814,1.269093,9.886452,82.624763,87.707924

23.8661690,0.368196,9.748658,1.259522,9.836579,82.643379,87.837036

23.8686848,0.380160,9.806385,1.249951,9.893032,82.741478,87.779953

23.8712006,0.406481,9.775279,1.223630,9.859948,82.871155,87.618866

23.8737164,0.392124,9.753445,1.271486,9.843786,82.578575,87.697739

23.8762321,0.377767,9.739087,1.281057,9.830240,82.512032,87.778679

23.8787479,0.399302,9.755837,1.252344,9.843991,82.691078,87.656219

23.8812618,0.411266,9.755837,1.281057,9.848178,82.525749,87.586075

23.8837795,0.401695,9.760623,1.252344,9.848832,82.694687,87.643341

23.8862934,0.377767,9.765409,1.230808,9.849914,82.821770,87.784660

23.8888111,0.408874,9.739087,1.264308,9.829316,82.609787,87.595978

23.8913269,0.380160,9.763016,1.276272,9.853419,82.557808,87.770103

23.8938351,0.363410,9.715159,1.254736,9.802589,82.645935,87.857765

23.8963509,0.368196,9.736694,1.290928,9.828798,82.452888,87.834373

23.8988647,0.370588,9.715159,1.295713,9.808187,82.408730,87.815491

23.9013824,0.356231,9.715159,1.286142,9.806395,82.463753,87.900040

23.9038963,0.368196,9.717552,1.326820,9.814624,82.230507,87.830116

23.9064121,0.368196,9.669696,1.331606,9.767894,82.164772,87.819389

23.9089279,0.377767,9.662517,1.319642,9.759528,82.228905,87.761101

23.9114437,0.368196,9.655338,1.341177,9.754992,82.097588,87.816147

23.9139595,0.365803,9.703195,1.319642,9.799350,82.260681,87.841019

23.9164753,0.375374,9.657731,1.314856,9.754051,82.252884,87.774162

23.9189911,0.358624,9.657731,1.350748,9.758325,82.043564,87.873390

23.9215031,0.368196,9.640982,1.326820,9.738816,82.169647,87.812897

23.9240208,0.382553,9.640982,1.377069,9.746343,81.877449,87.727707

23.9265347,0.377767,9.662517,1.365105,9.765779,81.964622,87.761101

23.9290504,0.370588,9.636196,1.343570,9.736467,82.068237,87.797607

23.9315681,0.334696,9.672089,1.384248,9.776373,81.860069,88.018112

23.9340820,0.332004,9.679267,1.360320,9.780026,82.004715,88.035492

23.9365978,0.351446,9.688838,1.355534,9.789513,82.040794,87.922607

23.9391117,0.315254,9.717552,1.357927,9.817035,82.049149,88.141876

23.9416275,0.351446,9.693624,1.367498,9.795913,81.975365,87.923630

23.9441414,0.375374,9.686445,1.389034,9.792729,81.845474,87.780754

23.9466572,0.392124,9.707980,1.369891,9.811995,81.974495,87.686974

23.9491749,0.392124,9.743873,1.379462,9.848845,81.948486,87.695480

23.9516888,0.380160,9.739087,1.345963,9.839002,82.137360,87.764626

23.9542046,0.401695,9.717552,1.341177,9.817889,82.148537,87.632912

23.9567184,0.411266,9.727123,1.324427,9.825486,82.253227,87.578957

23.9592361,0.380160,9.676874,1.331606,9.775458,82.170868,87.750267

23.9617462,0.418445,9.703195,1.336391,9.803725,82.165352,87.530678

23.9642620,0.423230,9.674481,1.333999,9.775186,82.156494,87.495071

23.9667759,0.420838,9.662517,1.348356,9.765213,82.063393,87.506134

23.9692917,0.416052,9.672089,1.345963,9.774150,82.084854,87.536896

23.9718094,0.411266,9.650553,1.365105,9.755298,81.955925,87.559769

23.9743233,0.425623,9.662517,1.331606,9.763122,82.160912,87.477814

23.9768391,0.425623,9.676874,1.317249,9.775387,82.255745,87.481552

23.9793530,0.406481,9.652946,1.324427,9.751856,82.194374,87.588730

23.9818707,0.413659,9.674481,1.312463,9.771860,82.281250,87.551651

23.9843845,0.389731,9.696016,1.343570,9.796418,82.117088,87.698235

23.9869022,0.396909,9.676874,1.362713,9.780410,81.990875,87.651253

23.9894180,0.399302,9.693624,1.312463,9.790216,82.295815,87.641190

23.9919319,0.375374,9.698409,1.281057,9.789849,82.480957,87.783493

23.9944477,0.368196,9.741480,1.283749,9.832600,82.498016,87.835442

23.9969616,0.394517,9.748658,1.278665,9.840070,82.533607,87.682571

23.9994793,0.401695,9.722338,1.307678,9.818108,82.346008,87.634071

24.0019932,0.387338,9.710373,1.300499,9.804728,82.377823,87.715736

24.0045109,0.358624,9.712767,1.310070,9.807280,82.323402,87.885429

24.0070267,0.394517,9.739087,1.276272,9.830276,82.540192,87.680298

24.0095406,0.322433,9.727123,1.273879,9.815480,82.542969,88.101463

24.0120564,0.320040,9.770494,1.264308,9.857152,82.630775,88.123901

24.0145721,0.358624,9.722338,1.283749,9.813280,82.483162,87.887512

24.0170879,0.351446,9.710373,1.271486,9.799568,82.544899,87.927208

24.0196037,0.327219,9.731909,1.266701,9.819453,82.588242,88.074257

24.0221043,0.334696,9.729516,1.312463,9.823342,82.321945,88.029800

24.0246181,0.312862,9.782457,1.322034,9.876342,82.307373,88.168198

24.0271339,0.303290,9.736694,1.312463,9.829433,82.326736,88.215858

24.0296478,0.293719,9.743873,1.329213,9.838503,82.235413,88.273399

24.0321636,0.322433,9.746265,1.307678,9.838886,82.362267,88.105194

24.0346775,0.274576,9.772886,1.333999,9.867332,82.230194,88.390656

24.0371933,0.265005,9.755837,1.329213,9.849538,82.244164,88.444016

24.0397072,0.296112,9.758230,1.345963,9.855068,82.150253,88.261902

24.0422459,0.324826,9.815957,1.312463,9.908637,82.388435,88.104683

24.0447598,0.337089,9.803992,1.338784,9.900719,82.228607,88.030785

24.0472755,0.303290,9.784850,1.343570,9.881319,82.185249,88.224632

24.0497894,0.300897,9.784850,1.314856,9.877382,82.350197,88.238632

24.0523071,0.320040,9.792028,1.310070,9.884459,82.383698,88.128029

24.0548229,0.365803,9.803992,1.338784,9.901738,82.229408,87.863190

24.0573368,0.375374,9.806385,1.310070,9.900625,82.396210,87.807869

24.0598545,0.370588,9.806385,1.276272,9.896029,82.590034,87.835793

24.0623627,0.365803,9.772886,1.333999,9.870293,82.232536,87.856400

24.0648804,0.353839,9.794421,1.343570,9.892475,82.194115,87.931000

24.0673943,0.344267,9.748658,1.326820,9.844558,82.254272,87.977478

24.0699100,0.368196,9.710373,1.338784,9.809141,82.155602,87.828514

24.0724239,0.368196,9.729516,1.360320,9.831049,82.046478,87.832779

24.0749416,0.377767,9.684052,1.331606,9.782472,82.176521,87.766075

24.0774574,0.363410,9.710373,1.331606,9.807985,82.196999,87.856712

24.0799713,0.387338,9.681660,1.336391,9.781130,82.147141,87.708969

24.0824890,0.380160,9.655338,1.319642,9.752514,82.223282,87.745255

24.0850029,0.377767,9.679267,1.365105,9.782352,81.978325,87.764969

24.0875206,0.377767,9.662517,1.333999,9.761479,82.145409,87.761101

24.0900364,0.341875,9.640982,1.329213,9.738183,82.154922,87.969109

24.0925503,0.356231,9.669696,1.367498,9.772408,81.955940,87.890175

24.0950661,0.368196,9.688838,1.333999,9.787170,82.166161,87.823692

24.0975819,0.370588,9.662517,1.343570,9.762518,82.089539,87.803596

24.1000977,0.387338,9.650553,1.345963,9.751657,82.066483,87.701591

24.1026096,0.370588,9.669696,1.322034,9.766685,82.220467,87.805229

24.1051254,0.351446,9.674481,1.329213,9.771689,82.181992,87.919525

24.1076431,0.363410,9.652946,1.300499,9.746934,82.332359,87.843971

24.1101570,0.387338,9.657731,1.269093,9.748456,82.519775,87.703293

24.1126728,0.351446,9.684052,1.286142,9.775405,82.439720,87.921577

24.1151867,0.377767,9.691231,1.283749,9.783183,82.459900,87.767723

24.1177025,0.351446,9.719945,1.348356,9.819313,82.107399,87.929245

24.1202183,0.353839,9.710373,1.336391,9.808287,82.169022,87.913109

24.1227360,0.337089,9.703195,1.331606,9.799938,82.190552,88.010345

24.1252518,0.368196,9.688838,1.307678,9.783617,82.318863,87.823692

24.1277676,0.396909,9.734302,1.322034,9.831680,82.272209,87.665100

24.1302834,0.356231,9.753445,1.307678,9.847162,82.368729,87.908279

24.1327972,0.346660,9.772886,1.310070,9.866396,82.369675,87.968475

24.1353149,0.341875,9.780065,1.266701,9.867678,82.624664,87.997971

24.1378288,0.349053,9.743873,1.281057,9.833920,82.514847,87.948380

24.1403446,0.334696,9.719945,1.317249,9.814505,82.286797,88.027863

24.1428642,0.339482,9.787243,1.300499,9.879103,82.435547,88.013428

24.1453781,0.346660,9.784850,1.333999,9.881449,82.241364,87.970963

24.1478939,0.344267,9.772886,1.355534,9.872452,82.108086,87.982491

24.1504097,0.358624,9.777672,1.290928,9.869041,82.483841,87.899452

24.1529255,0.351446,9.743873,1.312463,9.838146,82.333572,87.934326

24.1554413,0.363410,9.784850,1.257129,9.871967,82.683899,87.873009

24.1579571,0.437587,9.813564,1.269093,9.904955,82.638618,87.446869

24.1604729,0.418445,9.799207,1.276272,9.890824,82.586113,87.554848

24.1629829,0.356231,9.758230,1.235594,9.842594,82.788322,87.909302

24.1654987,0.329611,9.722338,1.230808,9.805477,82.789070,88.058273

24.1680126,0.358624,9.655338,1.245165,9.741899,82.656624,87.872864

24.1705303,0.334696,9.679267,1.254736,9.765992,82.618225,88.019577

24.1730442,0.368196,9.691231,1.269093,9.780906,82.544731,87.824226

24.1755600,0.368196,9.667302,1.300499,9.761332,82.343735,87.818848

24.1780758,0.358624,9.686445,1.290928,9.778667,82.413971,87.879692

24.1805916,0.356231,9.652946,1.273879,9.743153,82.487289,87.886520

24.1831074,0.365803,9.686445,1.252344,9.773914,82.638382,87.837288

24.1856232,0.349053,9.676874,1.242772,9.762592,82.686440,87.934189

24.1881390,0.324826,9.643374,1.235594,9.727634,82.702637,88.070786

24.1906528,0.368196,9.662517,1.237987,9.748456,82.704132,87.817772

24.1931686,0.361017,9.679267,1.271486,9.769095,82.521515,87.863976

24.1956863,0.344267,9.667302,1.254736,9.754467,82.609451,87.960472

24.1982002,0.353839,9.693624,1.240379,9.779063,82.712959,87.909508

24.2007160,0.358624,9.719945,1.223630,9.803225,82.829689,87.886993

24.2032299,0.353839,9.700802,1.245165,9.786787,82.690491,87.911049

24.2057457,0.370588,9.686445,1.254736,9.774402,82.624611,87.809021

24.2082634,0.363410,9.715159,1.271486,9.804747,82.548859,87.857765

24.2107773,0.332004,9.705587,1.247558,9.791070,82.679588,88.040817

24.2132931,0.310469,9.676874,1.247558,9.761900,82.657593,88.162376

24.2158070,0.310469,9.679267,1.271486,9.767358,82.520172,88.162834

24.2183247,0.315254,9.652946,1.305285,9.745897,82.303146,88.129448

24.2208385,0.320040,9.595518,1.264308,9.683743,82.498055,88.089714

24.2233582,0.288933,9.593125,1.288535,9.683587,82.353325,88.274841

24.2258739,0.298505,9.643374,1.300499,9.735249,82.323097,88.227013

24.2283878,0.298505,9.672089,1.307678,9.764652,82.303856,88.232269

24.2309055,0.293719,9.643374,1.329213,9.738981,82.155571,88.255417

24.2334194,0.248255,9.638589,1.338784,9.734288,82.094894,88.524590

24.2359352,0.281755,9.648160,1.336391,9.744348,82.117310,88.327271

24.2384529,0.293719,9.619446,1.322034,9.714308,82.178261,88.251083

24.2409668,0.260219,9.648160,1.322034,9.741790,82.200462,88.455055

24.2434845,0.274576,9.648160,1.310070,9.740568,82.270508,88.369865

24.2459984,0.281755,9.660124,1.305285,9.751982,82.307983,88.329338

24.2485161,0.229113,9.640982,1.286142,9.729089,82.403519,88.638649

24.2510300,0.207577,9.681660,1.254736,9.764834,82.617340,88.771751

24.2535458,0.221934,9.672089,1.273879,9.758142,82.498901,88.685532

24.2560635,0.255434,9.681660,1.281057,9.769385,82.465118,88.488701

24.2585773,0.274576,9.705587,1.257129,9.790516,82.622696,88.379501

24.2610931,0.236291,9.731909,1.266701,9.816843,82.586258,88.609131

24.2636032,0.279362,9.741480,1.254736,9.825927,82.663498,88.357346

24.2661190,0.238684,9.698409,1.221237,9.777910,82.825165,88.590202

24.2686329,0.245863,9.700802,1.214058,9.779568,82.868767,88.548172

24.2711506,0.265005,9.763016,1.185344,9.838280,83.080025,88.445160

24.2736645,0.265005,9.772886,1.221237,9.852459,82.879730,88.446724

24.2761803,0.272184,9.753445,1.226022,9.833966,82.838173,88.401497

24.2786961,0.288933,9.782457,1.221237,9.862625,82.887108,88.308212

24.2812119,0.243470,9.794421,1.204487,9.871208,82.991287,88.576035

24.2837276,0.257827,9.780065,1.185344,9.855008,83.091827,88.489891

24.2862434,0.245863,9.772886,1.180559,9.847004,83.114235,88.558876

24.2887592,0.229113,9.763016,1.175773,9.836229,83.134735,88.655663

24.2912731,0.250648,9.753445,1.185344,9.828405,83.073044,88.527916

24.2937889,0.229113,9.794421,1.194916,9.869701,83.046196,88.659973

24.2963066,0.233898,9.780065,1.223630,9.859090,82.870529,88.629982

24.2988205,0.241077,9.792028,1.233201,9.872321,82.824150,88.589676

24.3013363,0.260219,9.789636,1.216451,9.868355,82.919258,88.477371

24.3038502,0.260219,9.748658,1.226022,9.828895,82.834457,88.470978

24.3063660,0.245863,9.777672,1.206880,9.854941,82.965645,88.559586

24.3088799,0.226720,9.796814,1.223630,9.875537,82.882469,88.674286

24.3113956,0.253041,9.727123,1.221237,9.806751,82.846375,88.509850

24.3139133,0.286541,9.772886,1.180559,9.848104,83.115005,88.320572

24.3164272,0.250648,9.765409,1.170988,9.838559,83.164436,88.529716

24.3189430,0.284148,9.746265,1.139881,9.816811,83.332047,88.330040

24.3214569,0.298505,9.765409,1.151845,9.837634,83.276070,88.249153

24.3239746,0.286541,9.760623,1.163809,9.833938,83.203331,88.318466

24.3264885,0.305683,9.806385,1.163809,9.879933,83.235123,88.214561

24.3290043,0.320040,9.784850,1.175773,9.860435,83.151672,88.126656

24.3315201,0.346660,9.768100,1.190130,9.846438,83.057739,87.967484

24.3340359,0.324826,9.787243,1.161416,9.861263,83.236259,88.099129

24.3365517,0.358624,9.801600,1.173380,9.878096,83.177948,87.904579

24.3390656,0.344267,9.832706,1.168595,9.907888,83.226433,87.994751

24.3415813,0.339482,9.820743,1.197309,9.899282,83.053123,88.020195

24.3441010,0.344267,9.808778,1.197309,9.887578,83.044861,87.989868

24.3466148,0.312862,9.792028,1.175773,9.867328,83.156479,88.169983

24.3491306,0.305683,9.782457,1.194916,9.859906,83.039253,88.210197

24.3516464,0.341875,9.839885,1.214058,9.920390,82.970512,88.010132

24.3541622,0.363410,9.825528,1.202094,9.905457,83.029587,87.881805

24.3566761,0.380160,9.823135,1.226022,9.906646,82.890984,87.783737

24.3591919,0.384945,9.832706,1.247558,9.919007,82.774521,87.758041

24.3617096,0.389731,9.806385,1.233201,9.891302,82.837997,87.724113

24.3642216,0.377767,9.803992,1.211666,9.885803,82.959770,87.793373

24.3667374,0.337089,9.770494,1.221237,9.852288,82.879608,88.024040

24.3692513,0.382553,9.801600,1.209273,9.883321,82.971970,87.764900

24.3717670,0.401695,9.811171,1.182952,9.890389,83.130623,87.655472

24.3742828,0.392124,9.784850,1.182952,9.863895,83.112083,87.705124

24.3767986,0.413659,9.772886,1.206880,9.855809,82.966270,87.576279

24.3793144,0.389731,9.780065,1.204487,9.861661,82.984474,87.717995

24.3818283,0.413659,9.787243,1.149452,9.863188,83.307564,87.579826

24.3843441,0.432802,9.770494,1.175773,9.850497,83.144730,87.463638

24.3868580,0.420838,9.803992,1.154238,9.880670,83.291519,87.542084

24.3893738,0.432802,9.789636,1.149452,9.866384,83.309738,87.468590

24.3918877,0.384945,9.717552,1.137488,9.791471,83.328812,87.731506

24.3944035,0.394517,9.739087,1.175773,9.817734,83.121742,87.680298

24.3969154,0.411266,9.748658,1.166202,9.826775,83.184303,87.584297

24.3994274,0.406481,9.755837,1.209273,9.838899,82.940079,87.614128

24.4019413,0.394517,9.782457,1.194916,9.863059,83.041489,87.690567

24.4044571,0.356231,9.739087,1.187737,9.817710,83.051392,87.905197

24.4069710,0.346660,9.741480,1.199701,9.821196,82.983551,87.961937

24.4094868,0.353839,9.780065,1.190130,9.858563,83.066315,87.927963

24.4120026,0.351446,9.755837,1.166202,9.831576,83.187653,87.936859

24.4145184,0.344267,9.775279,1.178166,9.852039,83.131790,87.982979

24.4170551,0.310469,9.763016,1.202094,9.841640,82.984161,88.178581

24.4195919,0.358624,9.777672,1.163809,9.853219,83.216698,87.899452

24.4221077,0.284148,9.772886,1.175773,9.847462,83.142601,88.334587

24.4246254,0.288933,9.763016,1.178166,9.838091,83.122002,88.304848

24.4271412,0.308076,9.715159,1.163809,9.789468,83.172310,88.183708

24.4296570,0.286541,9.696016,1.178166,9.771536,83.074928,88.307266

24.4321728,0.284148,9.703195,1.180559,9.778877,83.066032,88.322632

24.4346886,0.315254,9.710373,1.178166,9.786665,83.085686,88.140503

24.4372063,0.296112,9.743873,1.168595,9.818165,83.164238,88.259346

24.4396877,0.272184,9.727123,1.185344,9.802859,83.054901,88.397171

24.4422035,0.226720,9.717552,1.166202,9.789906,83.158516,88.663475

24.4447193,0.233898,9.729516,1.149452,9.799972,83.264191,88.622871

24.4472351,0.231506,9.743873,1.147059,9.813888,83.287857,88.638962

24.4497509,0.202792,9.751051,1.190130,9.825504,83.042870,88.808594

24.4522648,0.174078,9.775279,1.211666,9.851625,82.935219,88.979790

24.4547806,0.181256,9.815957,1.214058,9.892411,82.950531,88.942123

24.4572964,0.169292,9.820743,1.206880,9.896070,82.995026,89.012421

24.4598122,0.150150,9.794421,1.199701,9.868765,83.017540,89.121719

24.4623280,0.116650,9.820743,1.211666,9.895894,82.966988,89.319473

24.4648418,0.087936,9.835099,1.209273,9.909554,82.990669,89.487732

24.4673576,0.133400,9.873384,1.228415,9.950402,82.908524,89.225922

24.4698734,0.085543,9.839885,1.211666,9.914575,82.980301,89.501907

24.4723892,0.102293,9.820743,1.257129,9.901405,82.705772,89.403229

24.4749031,0.087936,9.784850,1.295713,9.870659,82.457062,89.485100

24.4774189,0.046959,9.789636,1.317249,9.877972,82.336655,89.725166

24.4799309,0.025424,9.787243,1.341177,9.878741,82.197205,89.851166

24.4824467,0.027817,9.770494,1.350748,9.863460,82.128914,89.836876

24.4849625,0.023031,9.780065,1.329213,9.870006,82.260345,89.865074

24.4874763,0.001496,9.792028,1.300499,9.878012,82.434708,89.991249

24.4899940,-0.020040,9.842278,1.281057,9.925318,82.584167,90.116661

24.4925079,-0.034397,9.861421,1.259522,9.941589,82.721512,90.199844

24.4950237,-0.043968,9.859028,1.266701,9.940166,82.678749,90.255516

24.4975376,-0.079860,9.890134,1.223630,9.965861,82.947304,90.462639

24.5000591,-0.110967,9.899706,1.230808,9.976542,82.913353,90.642212

24.5025749,-0.132503,9.918848,1.211666,9.993460,83.035988,90.765350

24.5050888,-0.151645,9.921241,1.197309,9.994377,83.119545,90.875694

24.5076046,-0.154038,9.914063,1.199701,9.987575,83.101006,90.890152

24.5101204,-0.206979,9.899706,1.237987,9.978959,82.873543,91.197746

24.5126362,-0.199502,9.878170,1.273879,9.961968,82.653229,91.156998

24.5151520,-0.202194,9.897313,1.276272,9.981311,82.653694,91.170341

24.5176659,-0.158824,9.935597,1.235594,10.013391,82.911972,90.915810

24.5201778,-0.173181,9.894919,1.204487,9.969464,83.060707,91.002686

24.5226936,-0.202194,9.945169,1.178166,10.016754,83.245262,91.164711

24.5252094,-0.226122,9.973883,1.168595,10.044654,83.319084,91.298752

24.5277233,-0.218943,9.978668,1.161416,10.048415,83.362801,91.256935

24.5302391,-0.269193,10.016953,1.204487,10.092701,83.145851,91.539375

24.5327530,-0.312263,10.033704,1.161416,10.105523,83.400475,91.782555

24.5352688,-0.314656,10.031311,1.237987,10.112310,82.967995,91.796631

24.5377865,-0.278764,9.964312,1.245165,10.045678,82.879860,91.602501

24.5403004,-0.283549,9.947562,1.187737,10.022231,83.193863,91.632744

24.5428162,-0.333799,9.985847,1.194916,10.062624,83.180153,91.914520

24.5453320,-0.297906,9.899706,1.216451,9.978611,82.997894,91.723648

24.5478477,-0.312263,9.942777,1.235594,10.024121,82.919594,91.798843

24.5503616,-0.391227,9.954741,1.233201,10.038461,82.943527,92.250595

24.5528774,-0.410369,9.957133,1.226022,10.040719,82.986397,92.360031

24.5553932,-0.427119,9.949955,1.175773,10.028284,83.266830,92.458008

24.5579090,-0.439083,9.949955,1.197309,10.031348,83.145020,92.526772

24.5604267,-0.463011,9.921241,1.206880,10.005096,83.071739,92.671982

24.5629406,-0.436690,9.926026,1.228415,10.011279,82.951866,92.519073

24.5654583,-0.329013,9.873384,1.216451,9.953478,82.980125,91.908577

24.5679741,-0.355334,9.890134,1.194916,9.968391,83.115372,92.057648

24.5704880,-0.372084,9.899706,1.182952,9.977074,83.190590,92.152466

24.5730038,-0.388834,9.892527,1.125524,9.963939,83.514038,92.250900

24.5755196,-0.458226,9.859028,1.139881,9.935277,83.411911,92.661064

24.5780354,-0.448654,9.868599,1.159024,9.946551,83.308395,92.603035

24.5805473,-0.403191,9.882956,1.154238,9.958295,83.344048,92.336174

24.5830631,-0.352941,9.837492,1.125524,9.907957,83.477234,92.054726

24.5855770,-0.338584,9.849456,1.115953,9.918255,83.539680,91.968819

24.5880928,-0.329013,9.882956,1.125524,9.952279,83.506409,91.906731

24.5906086,-0.348156,9.887741,1.113560,9.956337,83.578354,92.016602

24.5931244,-0.317049,9.878170,1.132702,9.947953,83.461960,91.838333

24.5956402,-0.302692,9.863813,1.115953,9.931354,83.548241,91.757690

24.5981541,-0.319442,9.868599,1.092024,9.933972,83.688820,91.853989

24.6006699,-0.343370,9.918848,1.084846,9.983904,83.761955,91.982674

24.6031837,-0.345763,9.866206,1.087239,9.931952,83.715302,92.007118

24.6056995,-0.352941,9.825528,1.094417,9.892589,83.648369,92.057228

24.6082172,-0.336192,9.825528,1.094417,9.892005,83.647987,91.959679

24.6107311,-0.321835,9.818350,1.082453,9.883080,83.712013,91.877419

24.6132469,-0.297906,9.847063,1.106381,9.913500,83.592239,91.732857

24.6157608,-0.221336,9.794421,1.132702,9.862185,83.404846,91.294563

24.6182766,-0.194716,9.734302,1.125524,9.801089,83.405800,91.145935

24.6207924,-0.175573,9.729516,1.168595,9.801017,83.152222,91.033813

24.6233082,-0.113360,9.710373,1.142274,9.777985,83.291336,90.668846

24.6258240,-0.039182,9.657731,1.182952,9.729988,83.016823,90.232452

24.6283379,0.003888,9.609875,1.159024,9.679517,83.122910,89.976814

24.6308537,0.090329,9.573982,1.154238,9.643731,83.125908,89.459442

24.6333694,0.111864,9.607482,1.156631,9.677501,83.135742,89.332909

24.6358852,0.188435,9.569197,1.159024,9.640974,83.095284,88.871887

24.6383991,0.272184,9.554840,1.185344,9.631931,82.931030,88.368286

24.6408997,0.305683,9.494720,1.166202,9.570955,83.001228,88.155998

24.6434155,0.310469,9.530911,1.123131,9.601879,83.282738,88.134254

24.6459312,0.353839,9.516555,1.130310,9.589975,83.231178,87.870644

24.6484451,0.399302,9.497113,1.132702,9.572754,83.204521,87.592438

24.6509609,0.432802,9.504591,1.103989,9.578275,83.381401,87.392776

24.6534748,0.430409,9.489935,1.084846,9.561433,83.485153,87.403175

24.6559906,0.492622,9.494720,1.025025,9.562587,83.846573,87.029938

24.6585045,0.516551,9.494720,1.060918,9.567763,83.633690,86.885948

24.6610336,0.504586,9.550055,1.041775,9.619950,83.783066,86.975533

24.6635513,0.588335,9.518948,1.010369,9.590482,83.952599,86.463234

24.6660671,0.571586,9.542876,1.044168,9.616834,83.766701,86.572273

24.6685810,0.607777,9.557233,0.933799,9.621958,84.430748,86.361267

24.6710968,0.617348,9.566804,0.893121,9.628215,84.677544,86.307808

24.6736107,0.617348,9.624231,0.885943,9.684619,84.751282,86.329781

24.6761284,0.600299,9.626625,0.828515,9.680842,85.090454,86.431755

24.6786423,0.626920,9.667302,0.838086,9.723793,85.055588,86.289597

24.6811581,0.634098,9.636196,0.852443,9.694587,84.955482,86.235153

24.6836758,0.624527,9.629018,0.790230,9.681554,85.318184,86.289063

24.6861897,0.646062,9.645767,0.799801,9.700407,85.270576,86.168121

24.6887054,0.658026,9.643374,0.814158,9.700027,85.185295,86.096413

24.6912193,0.658026,9.746265,0.881157,9.808115,84.845619,86.137497

24.6937370,0.708275,9.741480,0.888335,9.807508,84.803192,85.841499

24.6962509,0.691526,9.727123,0.845265,9.788239,85.046043,85.933540

24.6987667,0.693919,9.655338,0.835693,9.716247,85.065903,85.889282

24.7012825,0.729811,9.638589,0.830908,9.701826,85.086914,85.669960

24.7037964,0.741775,9.614660,0.818944,9.677943,85.145851,85.588348

24.7063141,0.734597,9.669696,0.842872,9.734119,85.032570,85.655647

24.7088280,0.775275,9.679267,0.854836,9.747821,84.968979,85.420593

24.7113438,0.789631,9.688838,0.809372,9.754598,85.240501,85.340744

24.7138577,0.772882,9.672089,0.842872,9.739460,85.035301,85.431290

24.7163754,0.751346,9.650553,0.857229,9.717640,84.939148,85.548203

24.7188911,0.741775,9.652946,0.828515,9.716791,85.108665,85.605774

24.7214050,0.777667,9.674481,0.847657,9.742632,85.008675,85.404251

24.7239208,0.748953,9.688838,0.876371,9.757178,84.846855,85.579788

24.7264347,0.756132,9.607482,0.842872,9.673980,85.001610,85.499962

24.7289524,0.748953,9.554840,0.854836,9.622195,84.903122,85.518051

24.7314663,0.792024,9.514162,0.871586,9.586774,84.783730,85.241280

24.7339821,0.744168,9.535697,0.881157,9.605193,84.736427,85.537666

24.7364979,0.720240,9.530911,0.890728,9.599501,84.675919,85.678436

24.7390118,0.715454,9.542876,0.931406,9.614878,84.440964,85.712410

24.7415314,0.741775,9.533304,0.940978,9.608307,84.379799,85.550850

24.7440453,0.703490,9.489935,0.996012,9.567957,84.024757,85.760414

24.7465611,0.720240,9.463614,0.998405,9.543350,83.994850,85.647827

24.7490749,0.713061,9.442079,1.065703,9.528748,83.578552,85.681252

24.7515926,0.665205,9.499506,1.099203,9.585998,83.415550,85.994392

24.7541084,0.677169,9.523733,1.144667,9.616149,83.163536,85.932922

24.7566223,0.665205,9.477970,1.113560,9.566318,83.315376,85.985321

24.7591381,0.607777,9.489935,1.151845,9.578883,83.093567,86.335533

24.7616482,0.612563,9.547662,1.151845,9.636380,83.134972,86.329025

24.7641659,0.600299,9.521340,1.151845,9.609528,83.115692,86.392403

24.7666798,0.523729,9.576375,1.175773,9.662489,83.010681,86.869629

24.7691956,0.485444,9.609875,1.199701,9.696630,82.892952,87.108154

24.7717094,0.461516,9.679267,1.206880,9.765130,82.900620,87.270157

24.7742252,0.451944,9.664909,1.154238,9.744075,83.197037,87.322723

24.7767429,0.435195,9.674481,1.159024,9.753375,83.175240,87.424355

24.7792568,0.396909,9.722338,1.166202,9.800072,83.165649,87.662224

24.7817707,0.377767,9.748658,1.156631,9.824298,83.238792,87.780861

24.7842846,0.344267,9.746265,1.185344,9.824117,83.070000,87.976982

24.7868004,0.332004,9.799207,1.230808,9.881780,82.845039,88.059517

24.7893162,0.358624,9.859028,1.211666,9.939676,82.998123,87.916771

24.7918320,0.322433,9.887741,1.206880,9.966341,83.044662,88.132286

24.7943478,0.344267,9.830314,1.218844,9.911568,82.936348,87.994263

24.7968616,0.361017,9.851849,1.151845,9.925523,83.335876,87.901360

24.7993774,0.394517,9.849456,1.159024,9.925259,83.293976,87.706261

24.8018932,0.387338,9.813564,1.175773,9.891335,83.173164,87.739731

24.8044090,0.363410,9.835099,1.178166,9.912080,83.173592,87.883865

24.8069229,0.435195,9.835099,1.185344,9.915827,83.134407,87.466362

24.8094406,0.432802,9.768100,1.204487,9.851593,82.977264,87.463020

24.8119564,0.459123,9.717552,1.209273,9.803263,82.914284,87.294975

24.8144703,0.502194,9.684052,1.209273,9.772175,82.891624,87.031425

24.8169861,0.540479,9.691231,1.226022,9.783414,82.800972,86.807930

24.8195000,0.571586,9.664909,1.242772,9.761233,82.685410,86.615456

24.8220177,0.590728,9.645767,1.259522,9.745572,82.574295,86.495461

24.8245316,0.636491,9.602696,1.249951,9.704600,82.599754,86.207840

24.8270493,0.638884,9.559626,1.261915,9.663697,82.496712,86.176529

24.8295650,0.679562,9.583553,1.278665,9.692331,82.419136,85.943993

24.8320789,0.717847,9.583553,1.312463,9.699606,82.223396,85.716316

24.8345947,0.729811,9.533304,1.305285,9.649885,82.226097,85.622330

24.8371086,0.703490,9.509377,1.322034,9.626574,82.106522,85.769051

24.8396263,0.725025,9.511769,1.338784,9.632848,82.011108,85.641113

24.8421421,0.770489,9.516555,1.348356,9.642434,81.961670,85.371254

24.8446598,0.772882,9.526126,1.367498,9.654764,81.857262,85.361588

24.8471756,0.787239,9.542876,1.345963,9.669429,81.998573,85.284065

24.8496895,0.782453,9.559626,1.281057,9.676765,82.392570,85.320786

24.8522053,0.748953,9.557233,1.281057,9.671749,82.388603,85.519165

24.8547211,0.770489,9.557233,1.288535,9.674434,82.346046,85.390877

24.8572369,0.765703,9.564411,1.281057,9.680153,82.395248,85.422806

24.8597527,0.780060,9.595518,1.273879,9.711088,82.462341,85.352402

24.8622627,0.777667,9.557233,1.242772,9.669020,82.615265,85.348122

24.8647766,0.760918,9.571589,1.221237,9.679139,82.751556,85.454689

24.8672943,0.770489,9.526126,1.190130,9.631051,82.901688,85.375885

24.8698101,0.770489,9.595518,1.206880,9.701761,82.854004,85.409187

24.8723240,0.760918,9.569197,1.221237,9.676773,82.749771,85.453552

24.8748398,0.744168,9.523733,1.230808,9.631727,82.658279,85.532089

24.8773537,0.751346,9.506984,1.252344,9.618505,82.518768,85.481247

24.8798714,0.729811,9.502198,1.314856,9.620460,82.144630,85.608055

24.8823872,0.789631,9.401401,1.278665,9.520759,82.281693,85.198952

24.8849030,0.806381,9.351151,1.288535,9.473890,82.183029,85.071381

24.8874187,0.720240,9.439685,1.360320,9.564354,81.823204,85.636833

24.8899326,0.677169,9.514162,1.389034,9.638841,81.714371,85.928848

24.8924484,0.708275,9.521340,1.367498,9.645083,81.849030,85.745705

24.8949623,0.689133,9.566804,1.424926,9.696857,81.549950,85.879883

24.8974800,0.677169,9.626625,1.377069,9.748169,81.878983,85.976250

24.8999958,0.629312,9.700802,1.386641,9.819592,81.882034,86.288300

24.9025154,0.576371,9.751051,1.422533,9.871109,81.714211,86.617264

24.9050312,0.559621,9.811171,1.348356,9.919189,82.187363,86.735428

24.9075489,0.552443,9.861421,1.326820,9.965604,82.348923,86.793610

24.9100628,0.499801,9.854242,1.333999,9.956678,82.300339,87.096481

24.9125786,0.480658,9.949955,1.293321,10.045163,82.602600,87.234329

24.9150944,0.439980,10.055538,1.240379,10.141300,82.974579,87.494621

24.9176102,0.439980,10.093823,1.206880,10.175235,83.188141,87.504112

24.9201241,0.370588,10.134501,1.161416,10.207563,83.466736,87.905800

24.9226379,0.332004,10.208678,1.154238,10.279086,83.552666,88.137299

24.9251518,0.332004,10.237392,1.159024,10.308141,83.544144,88.142517

24.9276676,0.332004,10.294821,1.123131,10.361225,83.777054,88.152870

24.9301834,0.382553,10.275678,1.144667,10.346312,83.648064,87.867928

24.9326992,0.382553,10.254143,1.139881,10.324394,83.661247,87.863449

24.9352150,0.372981,10.254143,1.132702,10.323254,83.700630,87.916855

24.9377289,0.406481,10.254143,1.151845,10.326636,83.595833,87.729950

24.9402447,0.416052,10.211072,1.206880,10.290561,83.264832,87.666763

24.9427605,0.444766,10.177572,1.230808,10.261368,83.111023,87.497734

24.9452763,0.428016,10.189536,1.257129,10.275710,82.972839,87.594681

24.9477940,0.420838,10.184751,1.276272,10.273028,82.863411,87.633865

24.9503078,0.454337,10.163215,1.295713,10.255546,82.741699,87.440346

24.9528236,0.478265,10.146465,1.307678,10.241558,82.664253,87.301292

24.9553375,0.518943,10.120144,1.286142,10.214733,82.766663,87.064545

24.9578552,0.566800,10.136894,1.322034,10.238440,82.580994,86.799667

24.9603691,0.564407,10.062716,1.405783,10.176102,82.059448,86.789703

24.9628868,0.590728,9.990633,1.412962,10.107332,81.963974,86.616142

24.9654026,0.629312,9.961919,1.422533,10.082632,81.889221,86.385323

24.9679165,0.660419,9.957133,1.448854,10.083641,81.738945,86.205345

24.9704323,0.667598,9.873384,1.470389,10.004572,81.548523,86.131783

24.9729481,0.684347,9.799207,1.441676,9.928304,81.650635,86.005119

24.9754639,0.715454,9.830314,1.494318,9.968948,81.379028,85.837334

24.9779778,0.725025,9.832706,1.487139,9.970926,81.422470,85.782867

24.9804935,0.665205,9.734302,1.487139,9.869686,81.333809,86.090706

24.9830112,0.679562,9.727123,1.475175,9.861789,81.397125,86.003662

24.9855251,0.681954,9.672089,1.444068,9.803045,81.529037,85.966896

24.9880409,0.720240,9.650553,1.439283,9.783836,81.540619,85.731819

24.9905548,0.691526,9.621839,1.446461,9.754498,81.472351,85.889198

24.9930725,0.679562,9.559626,1.420140,9.688397,81.571129,85.933876

24.9955883,0.634098,9.528519,1.429712,9.656025,81.485237,86.192726

24.9981022,0.622134,9.530911,1.405783,9.654095,81.627090,86.265297

25.0006199,0.662812,9.487542,1.367498,9.608477,81.817764,86.003738

25.0031338,0.634098,9.480363,1.343570,9.596069,81.951431,86.173447

25.0056496,0.648455,9.514162,1.305285,9.625152,82.206001,86.100929

25.0081635,0.653241,9.523733,1.317249,9.636563,82.143478,86.076180

25.0106792,0.619741,9.485149,1.295713,9.593279,82.237640,86.261719

25.0131969,0.614955,9.516555,1.242772,9.617041,82.575127,86.302711

25.0157108,0.585942,9.530911,1.209273,9.625173,82.782486,86.481995

25.0182266,0.576371,9.545269,1.214058,9.639414,82.764534,86.544510

25.0207405,0.573978,9.557233,1.190130,9.648138,82.914330,86.563118

25.0232525,0.576371,9.602696,1.187737,9.693024,82.961555,86.565125

25.0257664,0.554836,9.626625,1.161416,9.712294,83.132019,86.701378

25.0282841,0.523729,9.600304,1.178166,9.686496,83.013832,86.877419

25.0307980,0.468694,9.609875,1.240379,9.700923,82.653938,87.207771

25.0333138,0.454337,9.674481,1.218844,9.761537,82.827217,87.311226

25.0358276,0.425623,9.686445,1.214058,9.771505,82.862854,87.484039

25.0383434,0.411266,9.696016,1.209273,9.779786,82.897186,87.571198

25.0408611,0.365803,9.741480,1.237987,9.826640,82.762489,87.849495

25.0433769,0.332004,9.772886,1.218844,9.854193,82.895012,88.054298

25.0458927,0.317647,9.748658,1.221237,9.829988,82.863373,88.133751

25.0484066,0.281755,9.780065,1.214058,9.859158,82.926636,88.349815

25.0509243,0.255434,9.789636,1.233201,9.870309,82.822685,88.505363

25.0534401,0.241077,9.801600,1.254736,9.884525,82.707230,88.591057

25.0559540,0.164507,9.815957,1.264308,9.898412,82.661659,89.039864

25.0584698,0.188435,9.808778,1.235594,9.888090,82.821686,88.899437

25.0609837,0.181256,9.818350,1.226022,9.896260,82.883484,88.942383

25.0635014,0.138186,9.818350,1.221237,9.894974,82.910484,89.193657

25.0660152,0.085543,9.839885,1.197309,9.912830,83.062660,89.501907

25.0685310,0.092722,9.835099,1.221237,9.911064,82.922050,89.459854

25.0710487,0.063709,9.808778,1.245165,9.887700,82.765495,89.627861

25.0735626,0.090329,9.823135,1.197309,9.896246,83.050980,89.473152

25.0760784,0.068794,9.863813,1.187737,9.935304,83.134033,89.600403

25.0785923,0.080758,9.849456,1.214058,9.924326,82.973320,89.530228

25.0811100,0.099900,9.842278,1.257129,9.922741,82.721535,89.418457

25.0836239,0.102293,9.856635,1.249951,9.936101,82.773102,89.405403

25.0861397,0.099900,9.820743,1.211666,9.895711,82.966858,89.417183

25.0886555,0.169292,9.801600,1.230808,9.880025,82.843765,89.010490

25.0911694,0.193220,9.770494,1.233201,9.849906,82.807739,88.867073

25.0936852,0.198006,9.796814,1.242772,9.877310,82.771835,88.842140

25.0962009,0.245863,9.780065,1.216451,9.858492,82.912140,88.559937

25.0987167,0.253041,9.806385,1.209273,9.883904,82.972389,88.521889

25.1012306,0.300897,9.792028,1.214058,9.871591,82.935585,88.239922

25.1037483,0.312862,9.811171,1.237987,9.893915,82.811966,88.173553

25.1062641,0.339482,9.780065,1.249951,9.865459,82.721077,88.011971

25.1087780,0.413659,9.753445,1.233201,9.839796,82.800308,87.571449

25.1112938,0.399302,9.777672,1.240379,9.864120,82.776131,87.661446

25.1138096,0.389731,9.787243,1.312463,9.882539,82.368217,87.719666

25.1163254,0.425623,9.734302,1.281057,9.827456,82.509895,87.496391

25.1188393,0.447159,9.712767,1.249951,9.803069,82.674500,87.364067

25.1213551,0.480658,9.727123,1.305285,9.826074,82.366325,87.171074

25.1238708,0.447159,9.799207,1.362713,9.903605,82.091141,87.387283

25.1263847,0.399302,9.777672,1.360320,9.879918,82.086075,87.661446

25.1289024,0.396909,9.684052,1.230808,9.770020,82.762756,87.652992

25.1314163,0.435195,9.621839,1.120738,9.696661,83.362930,87.410286

25.1339321,0.502194,9.712767,1.120738,9.790102,83.426559,87.040184

25.1364460,0.619741,9.875777,1.190130,9.966517,83.141785,86.409187

25.1389618,0.454337,9.823135,1.190130,9.905394,83.099258,87.351860

25.1414795,0.363410,9.775279,1.242772,9.860661,82.759567,87.870926

25.1439972,0.449552,9.741480,1.192523,9.824492,83.028091,87.357780