

[FormatInfo]  
format\_ver=1  
[GeoMain]  
ntc\_id=1  
adm=USA  
sat\_name=Galaxy BSS-1  
long\_nom=-90.90  
n\_diag=1  
[COHeader]  
beam\_id=CMH  
emi\_rcp=E  
polar\_disc=C  
reason=C  
n\_bore=1  
n\_cont=3  
[B1]  
gain=0  
p=-91.461;-0.561  
[C1]  
gain=-1.00  
n\_point=628  
p1=-88.812;-33.824  
p2=-88.276;-33.660  
p3=-88.122;-33.640  
p4=-87.426;-33.644  
p5=-87.229;-33.619  
p6=-86.930;-33.621  
p7=-86.733;-33.587  
p8=-86.457;-33.540  
p9=-86.351;-33.508  
p10=-86.044;-33.469  
p11=-85.347;-33.477  
p12=-84.891;-33.358  
p13=-84.663;-33.298  
p14=-84.510;-33.280  
p15=-83.982;-33.122  
p16=-83.283;-33.132  
p17=-82.756;-32.976  
p18=-82.602;-32.958  
p19=-82.376;-32.900  
p20=-81.652;-32.716  
p21=-81.471;-32.670  
p22=-81.245;-32.613  
p23=-81.109;-32.579  
p24=-80.567;-32.443  
p25=-80.043;-32.291  
p26=-79.898;-32.212  
p27=-79.231;-31.984  
p28=-79.087;-31.906  
p29=-78.564;-31.757  
p30=-78.065;-31.588  
p31=-77.898;-31.532  
p32=-77.612;-31.378  
p33=-77.507;-31.349  
p34=-77.243;-31.247  
p35=-77.123;-31.201  
p36=-76.922;-31.076

p37=-76.735;-30.938  
p38=-76.611;-30.845  
p39=-75.947;-30.625  
p40=-75.823;-30.534  
p41=-75.638;-30.397  
p42=-75.437;-30.273  
p43=-75.055;-30.129  
p44=-74.951;-30.101  
p45=-74.666;-29.952  
p46=-74.543;-29.861  
p47=-74.358;-29.726  
p48=-74.174;-29.591  
p49=-74.051;-29.501  
p50=-73.388;-29.287  
p51=-73.266;-29.198  
p52=-73.081;-29.064  
p53=-72.897;-28.931  
p54=-72.774;-28.842  
p55=-72.529;-28.664  
p56=-72.161;-28.399  
p57=-71.762;-28.161  
p58=-71.524;-28.075  
p59=-71.311;-27.967  
p60=-70.885;-27.752  
p61=-70.571;-27.447  
p62=-70.285;-27.260  
p63=-70.190;-27.198  
p64=-70.085;-27.097  
p65=-69.898;-26.877  
p66=-69.711;-26.658  
p67=-69.588;-26.572  
p68=-69.404;-26.443  
p69=-69.220;-26.314  
p70=-69.097;-26.229  
p71=-68.852;-26.058  
p72=-68.483;-25.803  
p73=-67.920;-25.156  
p74=-67.589;-24.873  
p75=-67.355;-24.514  
p76=-67.024;-24.233  
p77=-66.789;-23.877  
p78=-66.456;-23.598  
p79=-66.221;-23.244  
p80=-65.887;-22.967  
p81=-65.649;-22.615  
p82=-65.411;-22.265  
p83=-65.075;-21.991  
p84=-64.874;-21.613  
p85=-64.740;-21.362  
p86=-64.657;-21.249  
p87=-64.547;-21.156  
p88=-64.327;-20.970  
p89=-64.160;-20.745  
p90=-64.092;-20.620  
p91=-63.989;-20.434  
p92=-63.867;-20.262  
p93=-63.697;-20.127

p94=-63.526;-19.992  
p95=-63.403;-19.821  
p96=-63.300;-19.636  
p97=-63.231;-19.513  
p98=-63.092;-19.266  
p99=-62.882;-18.897  
p100=-62.671;-18.530  
p101=-62.530;-18.285  
p102=-62.431;-18.185  
p103=-62.331;-18.084  
p104=-62.153;-17.867  
p105=-62.052;-17.679  
p106=-61.974;-17.476  
p107=-61.815;-17.069  
p108=-61.597;-16.706  
p109=-61.451;-16.465  
p110=-61.378;-16.345  
p111=-61.267;-16.164  
p112=-61.157;-15.984  
p113=-61.083;-15.863  
p114=-60.956;-15.257  
p115=-60.881;-15.138  
p116=-60.768;-14.958  
p117=-60.670;-14.768  
p118=-60.575;-14.418  
p119=-60.559;-14.324  
p120=-60.444;-14.059  
p121=-60.386;-13.926  
p122=-60.304;-13.459  
p123=-60.102;-13.082  
p124=-60.038;-12.865  
p125=-59.973;-12.648  
p126=-59.767;-12.272  
p127=-59.676;-11.810  
p128=-59.614;-11.678  
p129=-59.457;-11.086  
p130=-59.394;-10.956  
p131=-59.296;-10.496  
p132=-59.172;-10.054  
p133=-59.130;-9.907  
p134=-59.000;-9.646  
p135=-58.979;-9.555  
p136=-58.898;-9.320  
p137=-58.876;-9.202  
p138=-58.784;-8.732  
p139=-58.559;-8.361  
p140=-58.481;-8.149  
p141=-58.433;-7.914  
p142=-58.359;-7.563  
p143=-58.334;-7.446  
p144=-58.232;-6.979  
p145=-58.127;-6.512  
p146=-58.100;-6.395  
p147=-58.055;-6.200  
p148=-57.963;-5.812  
p149=-57.907;-5.579  
p150=-57.822;-5.230

p151=-57.811;-5.100  
p152=-57.676;-4.648  
p153=-57.742;-3.483  
p154=-57.597;-3.032  
p155=-57.582;-2.903  
p156=-57.620;1.741  
p157=-57.654;1.857  
p158=-57.789;2.321  
p159=-57.768;2.902  
p160=-57.896;3.366  
p161=-57.928;3.482  
p162=-57.897;4.064  
p163=-57.948;4.257  
p164=-58.048;4.645  
p165=-58.008;5.228  
p166=-58.102;5.616  
p167=-58.149;5.810  
p168=-58.177;5.926  
p169=-58.391;6.859  
p170=-58.417;6.976  
p171=-58.460;7.171  
p172=-58.494;7.327  
p173=-58.626;7.951  
p174=-58.667;8.146  
p175=-58.690;8.263  
p176=-58.784;8.732  
p177=-58.916;9.172  
p178=-58.959;9.319  
p179=-59.045;9.613  
p180=-59.130;9.907  
p181=-59.172;10.054  
p182=-59.417;10.939  
p183=-59.457;11.086  
p184=-59.582;11.348  
p185=-59.601;11.440  
p186=-59.709;11.785  
p187=-59.918;12.160  
p188=-60.023;12.506  
p189=-60.040;12.599  
p190=-60.160;12.862  
p191=-60.197;13.011  
p192=-60.304;13.459  
p193=-60.505;13.838  
p194=-60.627;14.274  
p195=-60.824;14.654  
p196=-61.050;15.012  
p197=-61.200;15.251  
p198=-61.256;15.385  
p199=-61.328;15.857  
p200=-61.549;16.217  
p201=-61.695;16.458  
p202=-61.768;16.579  
p203=-61.986;16.941  
p204=-62.059;17.062  
p205=-62.203;17.305  
p206=-62.418;17.669  
p207=-62.632;18.034

p208=-62.773;18.278  
p209=-62.844;18.400  
p210=-63.055;18.767  
p211=-63.125;18.890  
p212=-63.265;19.136  
p213=-63.473;19.505  
p214=-63.815;19.774  
p215=-64.060;20.116  
p216=-64.265;20.488  
p217=-64.402;20.737  
p218=-64.469;20.862  
p219=-64.571;21.049  
p220=-64.692;21.222  
p221=-64.861;21.358  
p222=-65.029;21.494  
p223=-65.149;21.668  
p224=-65.250;21.857  
p225=-65.317;21.983  
p226=-65.508;22.191  
p227=-65.699;22.399  
p228=-65.808;22.493  
p229=-65.890;22.607  
p230=-66.054;22.837  
p231=-66.271;23.026  
p232=-66.379;23.121  
p233=-66.461;23.236  
p234=-66.651;23.446  
p235=-66.840;23.657  
p236=-66.948;23.753  
p237=-67.029;23.869  
p238=-67.218;24.081  
p239=-67.407;24.293  
p240=-67.530;24.377  
p241=-67.900;24.628  
p242=-68.023;24.711  
p243=-68.211;24.925  
p244=-68.399;25.140  
p245=-68.479;25.258  
p246=-68.586;25.355  
p247=-68.832;25.524  
p248=-69.200;25.779  
p249=-69.762;26.431  
p250=-70.130;26.689  
p251=-70.374;26.861  
p252=-70.497;26.947  
p253=-70.864;27.207  
p254=-70.986;27.294  
p255=-71.231;27.468  
p256=-71.598;27.729  
p257=-71.966;27.992  
p258=-72.333;28.256  
p259=-72.700;28.520  
p260=-72.823;28.609  
p261=-73.106;28.754  
p262=-73.210;28.782  
p263=-73.591;28.922  
p264=-73.790;29.043

p265=-73.974;29.177  
p266=-74.097;29.266  
p267=-74.343;29.446  
p268=-74.712;29.716  
p269=-75.231;29.858  
p270=-75.657;30.081  
p271=-75.760;30.110  
p272=-76.142;30.254  
p273=-76.543;30.501  
p274=-76.925;30.647  
p275=-77.029;30.676  
p276=-77.457;30.903  
p277=-78.495;31.197  
p278=-78.639;31.274  
p279=-79.302;31.499  
p280=-79.966;31.726  
p281=-80.504;31.860  
p282=-80.639;31.894  
p283=-80.863;31.950  
p284=-81.043;31.995  
p285=-81.313;32.063  
p286=-81.617;32.098  
p287=-81.721;32.128  
p288=-81.994;32.172  
p289=-82.662;32.404  
p290=-83.355;32.394  
p291=-83.879;32.549  
p292=-84.031;32.568  
p293=-84.257;32.626  
p294=-84.437;32.672  
p295=-84.708;32.743  
p296=-85.013;32.780  
p297=-85.118;32.812  
p298=-85.587;32.891  
p299=-85.883;32.888  
p300=-86.232;32.931  
p301=-86.760;33.091  
p302=-88.142;33.081  
p303=-88.674;33.244  
p304=-88.827;33.264  
p305=-93.664;33.267  
p306=-93.817;33.247  
p307=-94.348;33.086  
p308=-95.732;33.097  
p309=-96.261;32.938  
p310=-96.413;32.919  
p311=-97.107;32.927  
p312=-97.333;32.869  
p313=-97.514;32.822  
p314=-97.785;32.752  
p315=-98.090;32.715  
p316=-98.195;32.684  
p317=-98.664;32.607  
p318=-98.962;32.611  
p319=-99.158;32.588  
p320=-99.293;32.554  
p321=-99.834;32.416

p322=-100.375;32.279  
p323=-100.510;32.245  
p324=-100.735;32.189  
p325=-100.915;32.144  
p326=-101.455;32.009  
p327=-101.634;31.964  
p328=-101.859;31.908  
p329=-101.979;31.861  
p330=-102.183;31.733  
p331=-102.387;31.606  
p332=-102.507;31.559  
p333=-102.731;31.504  
p334=-102.911;31.460  
p335=-103.180;31.394  
p336=-103.419;31.301  
p337=-103.824;31.050  
p338=-104.343;30.903  
p339=-104.486;30.827  
p340=-104.771;30.676  
p341=-104.875;30.647  
p342=-105.257;30.501  
p343=-105.458;30.377  
p344=-105.658;30.254  
p345=-105.777;30.209  
p346=-106.040;30.110  
p347=-106.143;30.081  
p348=-106.427;29.932  
p349=-106.551;29.841  
p350=-106.735;29.706  
p351=-106.935;29.584  
p352=-107.054;29.539  
p353=-107.316;29.442  
p354=-107.420;29.413  
p355=-107.703;29.266  
p356=-107.826;29.177  
p357=-108.010;29.043  
p358=-108.209;28.922  
p359=-108.328;28.878  
p360=-108.590;28.782  
p361=-108.694;28.754  
p362=-108.977;28.609  
p363=-109.100;28.520  
p364=-109.283;28.388  
p365=-109.467;28.256  
p366=-109.590;28.168  
p367=-109.835;27.992  
p368=-110.202;27.729  
p369=-110.722;27.594  
p370=-110.864;27.523  
p371=-111.109;27.349  
p372=-111.476;27.089  
p373=-111.844;26.830  
p374=-112.089;26.658  
p375=-112.276;26.439  
p376=-112.464;26.221  
p377=-112.651;26.004  
p378=-112.774;25.918

p379=-112.958;25.791  
p380=-113.142;25.663  
p381=-113.265;25.579  
p382=-113.511;25.409  
p383=-113.880;25.156  
p384=-114.113;24.796  
p385=-114.445;24.514  
p386=-114.727;24.195  
p387=-115.011;23.877  
p388=-115.295;23.560  
p389=-115.579;23.244  
p390=-115.865;22.929  
p391=-116.151;22.615  
p392=-116.437;22.303  
p393=-116.725;21.991  
p394=-117.013;21.680  
p395=-117.302;21.370  
p396=-117.505;20.994  
p397=-117.640;20.745  
p398=-117.835;20.540  
p399=-118.056;20.355  
p400=-118.225;20.131  
p401=-118.293;20.007  
p402=-118.397;19.821  
p403=-118.520;19.651  
p404=-118.691;19.516  
p405=-118.863;19.382  
p406=-118.987;19.212  
p407=-119.092;19.028  
p408=-119.162;18.905  
p409=-119.302;18.660  
p410=-119.514;18.293  
p411=-119.727;17.927  
p412=-119.870;17.683  
p413=-119.942;17.561  
p414=-120.049;17.379  
p415=-120.158;17.197  
p416=-120.230;17.076  
p417=-120.375;16.834  
p418=-120.594;16.472  
p419=-120.757;16.068  
p420=-120.840;15.867  
p421=-120.897;15.646  
p422=-121.090;15.264  
p423=-121.284;14.882  
p424=-121.343;14.663  
p425=-121.403;14.444  
p426=-121.602;14.065  
p427=-121.802;13.686  
p428=-121.864;13.468  
p429=-121.927;13.251  
p430=-122.131;12.873  
p431=-122.219;12.409  
p432=-122.279;12.278  
p433=-122.402;12.015  
p434=-122.420;11.922  
p435=-122.528;11.577



p436=-122.633;11.390  
p437=-122.740;11.202  
p438=-122.774;11.095  
p439=-122.851;10.859  
p440=-122.870;10.767  
p441=-122.998;10.505  
p442=-123.062;10.375  
p443=-123.164;9.916  
p444=-123.385;9.543  
p445=-123.459;9.330  
p446=-123.504;9.094  
p447=-123.534;8.937  
p448=-123.572;8.741  
p449=-123.596;8.624  
p450=-123.690;8.154  
p451=-123.875;7.569  
p452=-124.065;6.985  
p453=-124.260;6.402  
p454=-124.210;5.816  
p455=-124.340;5.363  
p456=-124.366;5.067  
p457=-124.349;4.816  
p458=-124.373;4.650  
p459=-124.408;4.417  
p460=-124.436;4.327  
p461=-124.462;4.068  
p462=-124.405;2.904  
p463=-124.436;2.645  
p464=-124.466;2.555  
p465=-124.508;2.323  
p466=-124.502;2.129  
p467=-124.496;1.935  
p468=-124.491;1.742  
p469=-124.523;1.576  
p470=-124.518;1.327  
p471=-124.542;1.161  
p472=-124.650;-4.069  
p473=-124.633;-4.236  
p474=-124.648;-4.486  
p475=-124.589;-4.885  
p476=-124.562;-4.976  
p477=-124.517;-5.495  
p478=-124.491;-5.585  
p479=-124.438;-5.986  
p480=-124.460;-6.237  
p481=-124.448;-6.404  
p482=-124.421;-6.521  
p483=-124.315;-6.988  
p484=-124.213;-7.457  
p485=-124.188;-7.574  
p486=-124.146;-7.769  
p487=-124.113;-7.925  
p488=-124.065;-8.160  
p489=-124.017;-8.395  
p490=-123.985;-8.551  
p491=-123.947;-8.747  
p492=-123.924;-8.865

p493=-123.833;-9.336  
p494=-123.662;-9.925  
p495=-123.532;-10.186  
p496=-123.512;-10.278  
p497=-123.433;-10.514  
p498=-123.413;-10.632  
p499=-123.334;-11.106  
p500=-123.120;-11.481  
p501=-123.052;-11.697  
p502=-122.985;-11.912  
p503=-122.775;-12.288  
p504=-122.687;-12.753  
p505=-122.507;-13.149  
p506=-122.491;-13.242  
p507=-122.390;-13.590  
p508=-122.189;-13.969  
p509=-122.091;-14.319  
p510=-122.076;-14.413  
p511=-121.961;-14.679  
p512=-121.885;-14.798  
p513=-121.772;-14.978  
p514=-121.674;-15.169  
p515=-121.582;-15.521  
p516=-121.568;-15.615  
p517=-121.457;-15.884  
p518=-121.383;-16.004  
p519=-121.161;-16.365  
p520=-121.087;-16.486  
p521=-120.941;-16.727  
p522=-120.505;-17.454  
p523=-120.361;-17.698  
p524=-120.290;-17.819  
p525=-120.076;-18.185  
p526=-120.005;-18.307  
p527=-119.863;-18.552  
p528=-119.442;-19.289  
p529=-119.303;-19.536  
p530=-119.234;-19.659  
p531=-119.027;-20.030  
p532=-118.958;-20.154  
p533=-118.762;-20.359  
p534=-118.566;-20.563  
p535=-118.455;-20.656  
p536=-118.371;-20.768  
p537=-118.236;-21.018  
p538=-118.033;-21.394  
p539=-117.454;-22.015  
p540=-117.215;-22.364  
p541=-116.878;-22.640  
p542=-116.680;-23.021  
p543=-116.549;-23.277  
p544=-116.454;-23.382  
p545=-116.358;-23.487  
p546=-116.141;-23.678  
p547=-115.979;-23.910  
p548=-115.884;-24.016  
p549=-115.789;-24.122

p550=-115.573;-24.313  
p551=-115.411;-24.547  
p552=-115.317;-24.654  
p553=-115.223;-24.761  
p554=-114.975;-24.928  
p555=-114.603;-25.181  
p556=-114.040;-25.828  
p557=-113.670;-26.083  
p558=-113.424;-26.253  
p559=-113.330;-26.362  
p560=-113.237;-26.471  
p561=-113.027;-26.672  
p562=-112.644;-26.919  
p563=-112.435;-27.121  
p564=-112.330;-27.222  
p565=-112.234;-27.284  
p566=-111.948;-27.471  
p567=-111.633;-27.776  
p568=-111.206;-27.991  
p569=-110.779;-28.206  
p570=-110.353;-28.422  
p571=-109.985;-28.687  
p572=-109.739;-28.864  
p573=-109.616;-28.953  
p574=-109.432;-29.086  
p575=-109.248;-29.220  
p576=-109.125;-29.310  
p577=-108.879;-29.489  
p578=-108.509;-29.758  
p579=-107.987;-29.899  
p580=-107.844;-29.973  
p581=-107.598;-30.154  
p582=-107.227;-30.427  
p583=-106.704;-30.570  
p584=-106.562;-30.645  
p585=-106.276;-30.796  
p586=-106.172;-30.824  
p587=-105.788;-30.970  
p588=-105.384;-31.220  
p589=-105.000;-31.367  
p590=-104.895;-31.396  
p591=-104.608;-31.549  
p592=-104.442;-31.605  
p593=-103.941;-31.774  
p594=-103.418;-31.923  
p595=-103.274;-32.000  
p596=-102.940;-32.114  
p597=-102.606;-32.228  
p598=-102.438;-32.285  
p599=-101.936;-32.457  
p600=-101.233;-32.443  
p601=-100.731;-32.616  
p602=-100.563;-32.674  
p603=-100.288;-32.718  
p604=-100.183;-32.749  
p605=-99.877;-32.785  
p606=-99.424;-32.900

p607=-99.198;-32.958  
p608=-99.044;-32.976  
p609=-98.517;-33.132  
p610=-97.818;-33.122  
p611=-97.290;-33.280  
p612=-97.137;-33.298  
p613=-96.940;-33.323  
p614=-96.641;-33.319  
p615=-96.444;-33.352  
p616=-96.169;-33.399  
p617=-96.063;-33.431  
p618=-95.756;-33.469  
p619=-95.449;-33.508  
p620=-95.343;-33.540  
p621=-95.067;-33.587  
p622=-94.870;-33.621  
p623=-94.571;-33.619  
p624=-94.374;-33.644  
p625=-93.678;-33.640  
p626=-93.524;-33.660  
p627=-92.988;-33.824  
p628=-88.812;-33.824  
[C2]  
gain=-2.00  
n\_point=1052  
p1=-83.559;-54.735  
p2=-82.721;-54.537  
p3=-82.554;-54.498  
p4=-82.326;-54.475  
p5=-81.854;-54.377  
p6=-81.536;-54.353  
p7=-81.160;-54.326  
p8=-80.870;-54.335  
p9=-80.496;-54.300  
p10=-79.507;-54.076  
p11=-78.769;-53.912  
p12=-78.523;-53.858  
p13=-78.360;-53.822  
p14=-77.544;-53.644  
p15=-76.694;-53.501  
p16=-76.552;-53.478  
p17=-76.341;-53.418  
p18=-75.879;-53.332  
p19=-75.596;-53.231  
p20=-74.625;-53.031  
p21=-73.898;-52.883  
p22=-73.656;-52.835  
p23=-73.494;-52.802  
p24=-72.687;-52.643  
p25=-71.880;-52.487  
p26=-71.719;-52.456  
p27=-71.437;-52.312  
p28=-71.237;-52.210  
p29=-70.877;-52.028  
p30=-70.152;-51.894  
p31=-69.911;-51.849  
p32=-69.772;-51.804

p33=-68.942;-51.675  
p34=-68.349;-51.381  
p35=-68.112;-51.265  
p36=-67.698;-51.133  
p37=-67.605;-51.119  
p38=-67.190;-51.020  
p39=-66.941;-50.961  
p40=-66.316;-50.701  
p41=-65.728;-50.421  
p42=-65.493;-50.310  
p43=-65.078;-50.185  
p44=-64.985;-50.172  
p45=-64.569;-50.079  
p46=-64.319;-50.023  
p47=-63.694;-49.776  
p48=-63.106;-49.508  
p49=-62.871;-49.402  
p50=-62.518;-49.244  
p51=-62.322;-49.156  
p52=-62.047;-49.034  
p53=-61.948;-48.971  
p54=-61.826;-48.838  
p55=-61.582;-48.575  
p56=-61.383;-48.450  
p57=-61.030;-48.297  
p58=-60.834;-48.213  
p59=-60.558;-48.096  
p60=-60.440;-48.045  
p61=-60.145;-47.920  
p62=-59.871;-47.783  
p63=-59.772;-47.692  
p64=-59.475;-47.421  
p65=-59.365;-47.367  
p66=-59.066;-47.188  
p67=-58.947;-47.139  
p68=-58.650;-47.019  
p69=-58.374;-46.886  
p70=-58.275;-46.798  
p71=-57.975;-46.534  
p72=-57.865;-46.482  
p73=-57.563;-46.308  
p74=-57.463;-46.251  
p75=-57.339;-46.129  
p76=-57.092;-45.888  
p77=-56.890;-45.774  
p78=-56.637;-45.576  
p79=-56.213;-45.249  
p80=-55.838;-44.897  
p81=-55.532;-44.732  
p82=-55.361;-44.604  
p83=-55.075;-44.392  
p84=-54.967;-44.267  
p85=-54.886;-44.173  
p86=-54.643;-43.894  
p87=-54.316;-43.524  
p88=-53.881;-43.216  
p89=-53.619;-43.032

p90=-53.443;-42.910  
p91=-53.150;-42.707  
p92=-53.039;-42.588  
p93=-52.955;-42.498  
p94=-52.703;-42.231  
p95=-52.364;-41.877  
p96=-52.023;-41.526  
p97=-51.765;-41.265  
p98=-51.679;-41.179  
p99=-51.563;-41.063  
p100=-51.294;-40.853  
p101=-51.157;-40.663  
p102=-50.982;-40.492  
p103=-50.747;-40.266  
p104=-50.610;-40.163  
p105=-50.540;-40.069  
p106=-50.273;-39.816  
p107=-49.914;-39.483  
p108=-49.551;-39.151  
p109=-49.277;-38.905  
p110=-49.164;-38.705  
p111=-48.818;-38.113  
p112=-48.725;-38.033  
p113=-48.600;-37.925  
p114=-48.349;-37.712  
p115=-48.160;-37.552  
p116=-47.919;-37.166  
p117=-47.673;-36.782  
p118=-47.479;-36.625  
p119=-47.220;-36.417  
p120=-47.089;-36.314  
p121=-46.991;-36.236  
p122=-46.606;-35.672  
p123=-46.557;-35.571  
p124=-46.476;-35.486  
p125=-46.078;-34.930  
p126=-46.045;-34.821  
p127=-46.001;-34.677  
p128=-45.869;-34.409  
p129=-45.637;-34.189  
p130=-45.520;-34.080  
p131=-45.452;-33.947  
p132=-45.356;-33.663  
p133=-45.282;-33.451  
p134=-44.996;-33.093  
p135=-44.705;-32.736  
p136=-44.626;-32.527  
p137=-44.519;-32.250  
p138=-44.464;-32.112  
p139=-44.423;-32.008  
p140=-44.243;-31.724  
p141=-44.124;-31.288  
p142=-43.814;-30.942  
p143=-43.499;-30.598  
p144=-43.366;-30.170  
p145=-43.170;-29.893  
p146=-43.121;-29.793

p147=-43.056;-29.660  
p148=-42.991;-29.364  
p149=-42.950;-29.187  
p150=-42.887;-28.923  
p151=-42.777;-28.484  
p152=-42.565;-28.092  
p153=-42.402;-27.800  
p154=-42.347;-27.703  
p155=-42.274;-27.573  
p156=-42.125;-27.315  
p157=-42.012;-27.122  
p158=-41.937;-26.911  
p159=-41.920;-26.430  
p160=-41.682;-26.048  
p161=-41.501;-25.763  
p162=-41.459;-25.659  
p163=-41.442;-25.422  
p164=-41.423;-25.185  
p165=-41.380;-25.082  
p166=-41.190;-24.800  
p167=-40.931;-24.426  
p168=-40.878;-23.958  
p169=-40.782;-23.756  
p170=-40.685;-23.553  
p171=-40.619;-23.090  
p172=-40.389;-22.700  
p173=-40.316;-22.437  
p174=-40.299;-22.247  
p175=-40.251;-21.774  
p176=-40.004;-21.389  
p177=-39.921;-21.128  
p178=-39.896;-20.941  
p179=-39.829;-20.474  
p180=-39.565;-20.093  
p181=-39.471;-19.836  
p182=-39.438;-19.651  
p183=-39.352;-19.189  
p184=-39.259;-18.729  
p185=-39.219;-18.546  
p186=-39.159;-18.271  
p187=-39.074;-17.906  
p188=-39.052;-17.815  
p189=-38.996;-17.587  
p190=-38.939;-17.360  
p191=-38.915;-17.269  
p192=-38.819;-16.907  
p193=-38.744;-16.635  
p194=-38.692;-16.455  
p195=-38.559;-16.004  
p196=-38.419;-15.555  
p197=-38.361;-15.376  
p198=-38.404;-14.741  
p199=-38.342;-14.563  
p200=-38.181;-14.117  
p201=-38.043;-13.660  
p202=-38.030;-13.493  
p203=-38.005;-13.215

p204=-38.008;-13.156  
p205=-37.950;-12.868  
p206=-37.910;-12.677  
p207=-37.918;-12.383  
p208=-37.901;-12.244  
p209=-37.891;-12.162  
p210=-37.808;-11.935  
p211=-37.723;-11.709  
p212=-37.712;-11.626  
p213=-37.692;-11.489  
p214=-37.688;-11.196  
p215=-37.637;-11.006  
p216=-37.593;-10.387  
p217=-37.552;-9.924  
p218=-37.537;-9.769  
p219=-37.507;-9.675  
p220=-37.468;-9.153  
p221=-37.401;-8.641  
p222=-37.387;-8.539  
p223=-37.365;-8.385  
p224=-37.294;-7.925  
p225=-37.188;-7.313  
p226=-37.101;-6.855  
p227=-37.070;-6.702  
p228=-37.071;-6.590  
p229=-37.151;-6.200  
p230=-37.154;-6.088  
p231=-37.155;-5.994  
p232=-37.054;-5.478  
p233=-36.944;-4.963  
p234=-36.941;-4.758  
p235=-36.998;-4.369  
p236=-36.990;-4.258  
p237=-37.068;-3.648  
p238=-37.055;-3.513  
p239=-36.977;-3.227  
p240=-36.963;-3.040  
p241=-36.945;-2.819  
p242=-36.960;-2.653  
p243=-36.931;-2.432  
p244=-36.950;-2.188  
p245=-36.958;-2.067  
p246=-36.973;-1.823  
p247=-36.987;-1.580  
p248=-36.992;-1.458  
p249=-37.003;-1.215  
p250=-37.012;-0.972  
p251=-37.015;-0.851  
p252=-37.021;-0.608  
p253=-37.025;-0.365  
p254=-37.026;-0.243  
p255=-37.027;0.000  
p256=-37.026;0.243  
p257=-37.025;0.365  
p258=-37.021;0.608  
p259=-37.062;0.828  
p260=-37.057;0.994



p261=-37.088;1.215  
p262=-37.113;1.402  
p263=-37.207;1.687  
p264=-37.227;1.822  
p265=-37.186;2.430  
p266=-37.200;2.541  
p267=-37.167;2.928  
p268=-37.182;3.132  
p269=-37.321;3.646  
p270=-37.245;4.256  
p271=-37.383;4.762  
p272=-37.409;4.863  
p273=-37.309;5.475  
p274=-37.345;5.627  
p275=-37.450;6.084  
p276=-37.579;6.693  
p277=-37.577;6.916  
p278=-37.540;7.084  
p279=-37.527;7.307  
p280=-37.515;7.496  
p281=-37.554;7.784  
p282=-37.548;7.920  
p283=-37.564;8.022  
p284=-37.641;8.533  
p285=-37.709;9.045  
p286=-37.722;9.147  
p287=-37.740;9.301  
p288=-37.791;9.763  
p289=-37.847;10.380  
p290=-37.882;10.844  
p291=-37.892;10.999  
p292=-37.898;11.103  
p293=-37.924;11.620  
p294=-38.120;12.060  
p295=-38.196;12.235  
p296=-38.204;12.860  
p297=-38.201;13.331  
p298=-38.199;13.488  
p299=-38.233;13.576  
p300=-38.402;14.020  
p301=-38.434;14.109  
p302=-38.428;14.266  
p303=-38.404;14.741  
p304=-38.496;15.009  
p305=-38.643;15.456  
p306=-38.784;15.905  
p307=-38.812;15.995  
p308=-38.875;16.204  
p309=-38.919;16.355  
p310=-38.996;16.625  
p311=-39.046;16.806  
p312=-39.282;17.713  
p313=-39.326;17.895  
p314=-39.390;18.169  
p315=-39.491;18.626  
p316=-39.585;19.085  
p317=-39.604;19.177

p318=-39.703;19.433  
p319=-39.727;19.522  
p320=-39.911;19.815  
p321=-39.971;19.912  
p322=-40.028;20.136  
p323=-40.065;20.369  
p324=-40.079;20.462  
p325=-40.112;20.679  
p326=-40.134;20.835  
p327=-40.172;21.116  
p328=-40.256;21.277  
p329=-40.393;21.545  
p330=-40.475;21.674  
p331=-40.501;21.761  
p332=-40.579;22.023  
p333=-40.596;22.114  
p334=-40.754;22.413  
p335=-40.806;22.513  
p336=-40.881;22.973  
p337=-40.931;23.073  
p338=-41.080;23.375  
p339=-41.093;23.468  
p340=-41.157;23.734  
p341=-41.178;23.823  
p342=-41.250;23.955  
p343=-41.392;24.218  
p344=-41.431;24.397  
p345=-41.530;24.646  
p346=-41.691;25.064  
p347=-41.889;25.464  
p348=-41.967;25.919  
p349=-42.093;26.188  
p350=-42.171;26.315  
p351=-42.230;26.411  
p352=-42.347;26.724  
p353=-42.350;26.821  
p354=-42.386;27.098  
p355=-42.412;27.184  
p356=-42.455;27.327  
p357=-42.603;27.586  
p358=-42.713;27.780  
p359=-42.821;27.975  
p360=-42.963;28.235  
p361=-43.034;28.366  
p362=-43.086;28.464  
p363=-43.242;28.759  
p364=-43.644;29.551  
p365=-43.789;29.851  
p366=-43.837;29.951  
p367=-43.900;30.085  
p368=-44.026;30.353  
p369=-44.118;30.555  
p370=-44.210;30.758  
p371=-44.329;31.029  
p372=-44.388;31.165  
p373=-44.432;31.267  
p374=-44.562;31.574

p375=-44.731;31.986  
p376=-45.321;32.692  
p377=-45.477;33.111  
p378=-45.590;33.428  
p379=-46.690;34.883  
p380=-46.741;34.983  
p381=-46.823;35.068  
p382=-47.852;36.568  
p383=-48.086;36.830  
p384=-48.222;37.142  
p385=-48.343;37.335  
p386=-48.627;37.573  
p387=-49.002;37.894  
p388=-49.293;38.257  
p389=-49.614;38.504  
p390=-49.694;38.566  
p391=-49.765;38.658  
p392=-50.103;39.257  
p393=-50.193;39.340  
p394=-50.313;39.451  
p395=-50.552;39.673  
p396=-50.908;40.009  
p397=-51.144;40.234  
p398=-51.261;40.347  
p399=-51.349;40.432  
p400=-51.612;40.688  
p401=-52.304;41.378  
p402=-52.560;41.640  
p403=-52.645;41.728  
p404=-52.759;41.845  
p405=-52.985;42.081  
p406=-53.321;42.437  
p407=-53.544;42.676  
p408=-53.691;42.777  
p409=-53.778;42.837  
p410=-54.089;42.994  
p411=-54.203;43.041  
p412=-54.515;43.279  
p413=-54.597;43.370  
p414=-54.707;43.493  
p415=-54.962;43.718  
p416=-55.167;43.825  
p417=-55.854;44.329  
p418=-56.232;44.676  
p419=-56.536;44.841  
p420=-56.738;44.952  
p421=-56.988;45.187  
p422=-57.113;45.305  
p423=-57.214;45.362  
p424=-57.516;45.531  
p425=-57.626;45.582  
p426=-57.928;45.838  
p427=-58.028;45.924  
p428=-58.304;46.053  
p429=-58.718;46.217  
p430=-59.053;46.488  
p431=-59.387;46.761

p432=-59.505;46.809  
p433=-60.210;47.099  
p434=-60.508;47.279  
p435=-60.617;47.333  
p436=-60.916;47.605  
p437=-61.287;47.833  
p438=-61.580;47.959  
p439=-61.970;48.128  
p440=-62.165;48.212  
p441=-62.515;48.365  
p442=-62.749;48.468  
p443=-63.333;48.727  
p444=-63.916;48.989  
p445=-64.149;49.095  
p446=-64.499;49.254  
p447=-64.694;49.343  
p448=-64.966;49.468  
p449=-65.127;49.493  
p450=-65.925;49.620  
p451=-66.509;49.893  
p452=-66.742;50.004  
p453=-67.093;50.170  
p454=-67.288;50.263  
p455=-67.562;50.394  
p456=-67.721;50.421  
p457=-68.516;50.558  
p458=-69.104;50.844  
p459=-69.340;50.959  
p460=-70.292;51.131  
p461=-70.529;51.249  
p462=-71.123;51.545  
p463=-71.939;51.679  
p464=-72.077;51.725  
p465=-72.315;51.771  
p466=-72.712;51.847  
p467=-73.030;51.909  
p468=-73.982;52.097  
p469=-74.260;52.193  
p470=-74.712;52.273  
p471=-74.919;52.330  
p472=-75.043;52.364  
p473=-75.364;52.509  
p474=-75.686;52.655  
p475=-75.810;52.690  
p476=-76.006;52.722  
p477=-77.345;52.943  
p478=-77.764;53.014  
p479=-78.231;53.043  
p480=-78.322;53.061  
p481=-78.769;53.099  
p482=-79.090;53.169  
p483=-79.897;53.348  
p484=-80.707;53.530  
p485=-81.746;53.499  
p486=-82.561;53.686  
p487=-82.725;53.724  
p488=-82.949;53.747

p489=-83.414;53.844  
p490=-84.096;53.900  
p491=-84.379;53.894  
p492=-84.747;53.933  
p493=-85.160;53.925  
p494=-85.367;53.921  
p495=-85.779;53.915  
p496=-86.229;53.964  
p497=-86.324;53.985  
p498=-87.264;54.071  
p499=-87.359;54.092  
p500=-87.812;54.144  
p501=-88.225;54.141  
p502=-88.431;54.139  
p503=-88.843;54.136  
p504=-89.254;54.134  
p505=-89.460;54.133  
p506=-89.872;54.131  
p507=-90.283;54.130  
p508=-90.489;54.129  
p509=-90.900;54.129  
p510=-91.311;54.129  
p511=-91.517;54.130  
p512=-91.928;54.131  
p513=-92.340;54.133  
p514=-92.546;54.134  
p515=-92.957;54.136  
p516=-93.369;54.139  
p517=-93.575;54.141  
p518=-93.988;54.144  
p519=-94.441;54.092  
p520=-94.536;54.071  
p521=-95.476;53.985  
p522=-95.571;53.964  
p523=-96.021;53.915  
p524=-96.433;53.921  
p525=-96.640;53.925  
p526=-97.053;53.933  
p527=-97.383;53.854  
p528=-97.795;53.757  
p529=-98.041;53.699  
p530=-99.075;53.724  
p531=-99.239;53.686  
p532=-100.054;53.499  
p533=-101.093;53.530  
p534=-101.903;53.348  
p535=-102.064;53.312  
p536=-102.288;53.292  
p537=-102.746;53.202  
p538=-103.058;53.182  
p539=-103.449;53.114  
p540=-103.617;53.086  
p541=-104.036;53.014  
p542=-104.504;52.986  
p543=-104.596;52.969  
p544=-105.044;52.933  
p545=-105.365;52.865

p546=-105.765;52.781  
p547=-106.006;52.731  
p548=-106.166;52.698  
p549=-106.965;52.534  
p550=-107.764;52.373  
p551=-107.924;52.341  
p552=-108.562;52.214  
p553=-108.882;52.152  
p554=-109.297;52.010  
p555=-109.388;51.994  
p556=-109.801;51.886  
p557=-110.048;51.821  
p558=-110.677;51.545  
p559=-111.495;51.414  
p560=-111.632;51.368  
p561=-112.270;51.253  
p562=-112.590;51.196  
p563=-112.944;51.022  
p564=-113.141;50.926  
p565=-113.416;50.791  
p566=-113.553;50.748  
p567=-114.375;50.627  
p568=-114.962;50.346  
p569=-115.196;50.234  
p570=-115.548;50.068  
p571=-115.743;49.976  
p572=-116.016;49.848  
p573=-116.153;49.807  
p574=-116.980;49.696  
p575=-117.565;49.427  
p576=-117.799;49.320  
p577=-118.150;49.161  
p578=-118.345;49.073  
p579=-119.028;48.768  
p580=-119.320;48.638  
p581=-119.437;48.587  
p582=-119.711;48.467  
p583=-119.906;48.381  
p584=-120.258;48.229  
p585=-120.456;48.105  
p586=-120.702;47.848  
p587=-120.824;47.720  
p588=-120.923;47.659  
p589=-121.197;47.543  
p590=-121.393;47.461  
p591=-121.982;47.216  
p592=-122.572;46.973  
p593=-122.941;46.602  
p594=-123.241;46.427  
p595=-123.478;46.333  
p596=-124.073;46.098  
p597=-124.444;45.737  
p598=-124.746;45.567  
p599=-124.948;45.455  
p600=-125.198;45.218  
p601=-125.322;45.100  
p602=-125.424;45.045

p603=-125.764;44.786  
p604=-126.106;44.530  
p605=-126.208;44.476  
p606=-126.334;44.360  
p607=-126.792;44.023  
p608=-127.484;43.524  
p609=-127.869;43.189  
p610=-128.181;43.032  
p611=-128.650;42.707  
p612=-128.761;42.588  
p613=-128.845;42.498  
p614=-129.040;42.201  
p615=-129.436;41.877  
p616=-129.777;41.526  
p617=-130.035;41.265  
p618=-130.121;41.179  
p619=-130.237;41.063  
p620=-130.468;40.834  
p621=-130.643;40.663  
p622=-130.818;40.492  
p623=-131.053;40.266  
p624=-131.171;40.153  
p625=-131.260;40.069  
p626=-131.527;39.816  
p627=-131.886;39.483  
p628=-132.166;39.110  
p629=-132.485;38.860  
p630=-132.565;38.798  
p631=-132.636;38.705  
p632=-132.982;38.113  
p633=-133.075;38.033  
p634=-133.200;37.925  
p635=-133.451;37.712  
p636=-133.640;37.552  
p637=-133.760;37.358  
p638=-133.881;37.166  
p639=-134.004;36.973  
p640=-134.127;36.782  
p641=-134.321;36.625  
p642=-134.580;36.417  
p643=-134.689;36.303  
p644=-134.749;36.165  
p645=-134.870;35.890  
p646=-135.091;35.664  
p647=-135.224;35.562  
p648=-135.324;35.486  
p649=-135.722;34.930  
p650=-135.773;34.830  
p651=-135.856;34.746  
p652=-136.266;34.197  
p653=-136.320;34.098  
p654=-136.405;34.015  
p655=-136.828;33.474  
p656=-136.865;33.368  
p657=-136.915;33.227  
p658=-137.017;32.946  
p659=-137.095;32.736

p660=-137.241;32.559  
p661=-137.389;32.382  
p662=-137.570;32.221  
p663=-137.689;32.031  
p664=-137.772;31.824  
p665=-137.886;31.549  
p666=-137.943;31.413  
p667=-137.987;31.310  
p668=-138.456;30.792  
p669=-138.615;30.620  
p670=-138.754;30.317  
p671=-138.945;29.915  
p672=-139.140;29.515  
p673=-139.341;29.117  
p674=-139.409;28.986  
p675=-139.547;28.722  
p676=-139.651;28.525  
p677=-139.757;28.329  
p678=-139.901;28.068  
p679=-139.940;27.923  
p680=-139.965;27.836  
p681=-139.993;27.556  
p682=-139.993;27.459  
p683=-140.103;27.142  
p684=-140.160;27.045  
p685=-140.237;26.917  
p686=-140.357;26.645  
p687=-140.383;26.461  
p688=-140.614;25.782  
p689=-140.811;25.380  
p690=-140.861;25.109  
p691=-140.925;24.941  
p692=-141.033;24.662  
p693=-141.103;24.530  
p694=-141.122;24.440  
p695=-141.258;24.108  
p696=-141.397;23.777  
p697=-141.401;23.681  
p698=-141.413;23.440  
p699=-141.446;23.209  
p700=-141.496;23.108  
p701=-141.650;22.806  
p702=-141.664;22.714  
p703=-141.737;22.450  
p704=-141.761;22.362  
p705=-141.841;22.233  
p706=-142.055;21.800  
p707=-142.087;21.517  
p708=-142.105;21.360  
p709=-142.133;21.141  
p710=-142.161;21.055  
p711=-142.246;20.927  
p712=-142.479;20.499  
p713=-142.522;20.220  
p714=-142.547;20.065  
p715=-142.600;19.755  
p716=-142.642;19.524



p717=-142.703;19.301  
p718=-142.766;19.204  
p719=-142.959;18.912  
p720=-142.985;18.824  
p721=-143.091;18.569  
p722=-143.111;18.477  
p723=-143.162;18.248  
p724=-143.237;17.928  
p725=-143.288;17.715  
p726=-143.326;17.564  
p727=-143.444;17.109  
p728=-143.568;16.656  
p729=-143.700;16.205  
p730=-143.754;16.025  
p731=-143.838;15.755  
p732=-143.886;15.605  
p733=-143.983;15.306  
p734=-144.058;15.082  
p735=-144.167;14.769  
p736=-144.241;14.561  
p737=-144.294;14.412  
p738=-144.393;14.145  
p739=-144.425;13.952  
p740=-144.404;13.654  
p741=-144.415;13.515  
p742=-144.422;13.431  
p743=-144.497;13.203  
p744=-144.625;12.893  
p745=-144.713;12.687  
p746=-144.776;12.540  
p747=-144.892;12.275  
p748=-144.897;12.066  
p749=-144.909;11.650  
p750=-144.914;11.546  
p751=-144.940;11.028  
p752=-145.128;10.577  
p753=-145.159;10.412  
p754=-145.211;10.137  
p755=-145.214;10.079  
p756=-145.303;9.795  
p757=-145.324;9.589  
p758=-145.372;9.177  
p759=-145.385;9.074  
p760=-145.454;8.561  
p761=-145.504;7.945  
p762=-145.495;7.833  
p763=-145.395;7.439  
p764=-145.391;7.328  
p765=-145.420;7.174  
p766=-145.470;6.919  
p767=-145.511;6.715  
p768=-145.510;6.442  
p769=-145.520;6.385  
p770=-145.506;5.819  
p771=-145.518;5.761  
p772=-145.525;5.489  
p773=-145.576;5.286

p774=-145.683;4.879  
p775=-145.663;4.757  
p776=-145.607;4.389  
p777=-145.590;4.267  
p778=-145.598;4.156  
p779=-145.546;3.767  
p780=-145.558;3.562  
p781=-145.704;3.047  
p782=-145.604;1.827  
p783=-145.780;1.312  
p784=-145.793;1.218  
p785=-145.789;1.117  
p786=-145.777;0.711  
p787=-145.775;0.609  
p788=-145.793;0.498  
p789=-145.789;0.111  
p790=-145.812;0.000  
p791=-145.869;-1.828  
p792=-145.852;-1.939  
p793=-145.880;-2.327  
p794=-145.869;-2.438  
p795=-145.877;-2.540  
p796=-145.915;-2.947  
p797=-145.925;-3.048  
p798=-145.918;-3.142  
p799=-145.773;-3.658  
p800=-145.950;-4.882  
p801=-145.816;-5.391  
p802=-145.790;-5.493  
p803=-145.813;-5.616  
p804=-145.886;-5.985  
p805=-145.911;-6.108  
p806=-145.820;-6.516  
p807=-145.656;-7.332  
p808=-145.664;-7.556  
p809=-145.707;-7.725  
p810=-145.726;-7.950  
p811=-145.685;-8.443  
p812=-145.676;-8.566  
p813=-145.686;-8.661  
p814=-145.638;-9.183  
p815=-145.580;-9.698  
p816=-145.569;-9.801  
p817=-145.514;-9.977  
p818=-145.427;-10.170  
p819=-145.380;-10.418  
p820=-145.335;-10.665  
p821=-145.253;-10.858  
p822=-145.204;-11.035  
p823=-145.198;-11.139  
p824=-145.159;-12.179  
p825=-145.158;-12.283  
p826=-145.066;-12.489  
p827=-145.002;-12.636  
p828=-144.889;-12.902  
p829=-144.890;-13.111  
p830=-144.895;-13.374

p831=-144.898;-13.531  
p832=-144.690;-14.065  
p833=-144.656;-14.154  
p834=-144.679;-14.577  
p835=-144.693;-14.788  
p836=-144.599;-15.057  
p837=-144.548;-15.206  
p838=-144.448;-15.506  
p839=-144.305;-15.955  
p840=-144.277;-16.045  
p841=-144.327;-16.474  
p842=-144.354;-16.689  
p843=-144.278;-16.961  
p844=-144.237;-17.112  
p845=-144.156;-17.415  
p846=-144.042;-17.871  
p847=-143.970;-18.176  
p848=-143.935;-18.329  
p849=-143.874;-18.605  
p850=-143.835;-18.789  
p851=-143.743;-19.250  
p852=-143.658;-19.713  
p853=-143.625;-19.899  
p854=-143.580;-20.178  
p855=-143.555;-20.333  
p856=-143.523;-20.551  
p857=-143.403;-20.765  
p858=-143.227;-21.021  
p859=-143.169;-21.195  
p860=-143.136;-21.477  
p861=-143.118;-21.635  
p862=-143.095;-21.855  
p863=-142.986;-22.072  
p864=-142.821;-22.330  
p865=-142.772;-22.506  
p866=-142.699;-22.771  
p867=-142.464;-23.162  
p868=-142.401;-23.626  
p869=-142.205;-24.032  
p870=-142.156;-24.501  
p871=-141.944;-24.899  
p872=-141.893;-25.170  
p873=-141.830;-25.338  
p874=-141.727;-25.619  
p875=-141.643;-25.746  
p876=-141.581;-25.841  
p877=-141.395;-26.127  
p878=-141.153;-26.509  
p879=-140.937;-27.195  
p880=-140.858;-27.355  
p881=-140.705;-27.532  
p882=-140.554;-27.708  
p883=-140.477;-27.870  
p884=-140.293;-28.568  
p885=-140.003;-28.927  
p886=-139.865;-29.255  
p887=-139.831;-29.338

p888=-139.761;-29.428  
p889=-139.552;-29.701  
p890=-139.454;-29.950  
p891=-139.390;-30.116  
p892=-139.255;-30.299  
p893=-139.121;-30.483  
p894=-139.060;-30.651  
p895=-138.970;-30.903  
p896=-138.775;-31.182  
p897=-138.619;-31.355  
p898=-138.489;-31.663  
p899=-138.159;-32.492  
p900=-138.040;-32.806  
p901=-137.457;-33.521  
p902=-137.421;-33.627  
p903=-137.373;-33.769  
p904=-137.279;-34.054  
p905=-137.210;-34.268  
p906=-136.661;-35.001  
p907=-136.599;-35.220  
p908=-136.518;-35.512  
p909=-136.456;-35.649  
p910=-136.342;-35.761  
p911=-136.117;-35.987  
p912=-135.998;-36.263  
p913=-135.939;-36.401  
p914=-135.829;-36.515  
p915=-135.609;-36.744  
p916=-135.496;-37.024  
p917=-135.440;-37.165  
p918=-135.333;-37.280  
p919=-135.119;-37.513  
p920=-135.012;-37.797  
p921=-134.960;-37.940  
p922=-134.855;-38.058  
p923=-134.601;-38.272  
p924=-134.411;-38.434  
p925=-133.960;-39.230  
p926=-133.775;-39.395  
p927=-133.530;-39.616  
p928=-133.408;-39.727  
p929=-133.317;-39.811  
p930=-133.045;-40.062  
p931=-132.330;-40.739  
p932=-132.066;-40.996  
p933=-131.978;-41.082  
p934=-131.861;-41.197  
p935=-131.629;-41.427  
p936=-131.456;-41.601  
p937=-131.283;-41.776  
p938=-131.055;-42.010  
p939=-130.941;-42.128  
p940=-130.856;-42.216  
p941=-130.602;-42.483  
p942=-130.266;-42.841  
p943=-129.679;-43.071  
p944=-129.467;-43.229

p945=-129.302;-43.411  
p946=-129.083;-43.656  
p947=-128.937;-43.759  
p948=-128.849;-43.821  
p949=-128.535;-43.980  
p950=-128.420;-44.028  
p951=-128.109;-44.271  
p952=-128.028;-44.365  
p953=-127.921;-44.490  
p954=-127.633;-44.702  
p955=-127.461;-44.830  
p956=-127.151;-44.995  
p957=-126.775;-45.346  
p958=-126.165;-45.572  
p959=-125.922;-45.662  
p960=-125.668;-45.860  
p961=-125.246;-46.193  
p962=-124.689;-46.451  
p963=-124.489;-46.626  
p964=-124.289;-46.801  
p965=-123.735;-47.065  
p966=-123.318;-47.411  
p967=-123.069;-47.621  
p968=-122.831;-47.719  
p969=-122.236;-47.966  
p970=-121.687;-48.242  
p971=-121.489;-48.427  
p972=-121.292;-48.614  
p973=-120.744;-48.897  
p974=-120.153;-49.156  
p975=-119.916;-49.261  
p976=-119.562;-49.418  
p977=-119.365;-49.507  
p978=-119.090;-49.631  
p979=-118.972;-49.684  
p980=-118.383;-49.953  
p981=-117.793;-50.225  
p982=-117.439;-50.389  
p983=-117.203;-50.500  
p984=-116.613;-50.779  
p985=-115.795;-50.910  
p986=-115.632;-50.937  
p987=-115.160;-51.165  
p988=-114.804;-51.338  
p989=-114.567;-51.454  
p990=-113.973;-51.746  
p991=-113.159;-51.889  
p992=-112.996;-51.918  
p993=-112.753;-51.961  
p994=-112.022;-52.093  
p995=-111.663;-52.275  
p996=-111.463;-52.376  
p997=-111.182;-52.519  
p998=-111.019;-52.550  
p999=-110.207;-52.704  
p1000=-109.395;-52.860  
p1001=-109.233;-52.892

p1002=-108.989;-52.940  
p1003=-108.258;-53.085  
p1004=-107.284;-53.282  
p1005=-106.552;-53.433  
p1006=-106.307;-53.484  
p1007=-106.145;-53.518  
p1008=-105.329;-53.690  
p1009=-104.492;-53.848  
p1010=-104.332;-53.858  
p1011=-104.133;-53.892  
p1012=-103.619;-53.980  
p1013=-103.334;-54.030  
p1014=-102.957;-54.054  
p1015=-102.666;-54.043  
p1016=-102.293;-54.076  
p1017=-101.304;-54.300  
p1018=-100.930;-54.335  
p1019=-100.640;-54.326  
p1020=-100.264;-54.353  
p1021=-99.946;-54.377  
p1022=-99.474;-54.475  
p1023=-99.246;-54.498  
p1024=-99.079;-54.537  
p1025=-98.241;-54.735  
p1026=-96.129;-54.692  
p1027=-95.264;-54.882  
p1028=-94.914;-54.914  
p1029=-94.243;-54.906  
p1030=-94.054;-54.928  
p1031=-93.001;-54.920  
p1032=-92.769;-54.947  
p1033=-92.279;-55.059  
p1034=-91.955;-55.092  
p1035=-91.603;-55.090  
p1036=-91.252;-55.090  
p1037=-90.900;-55.090  
p1038=-90.548;-55.090  
p1039=-90.197;-55.090  
p1040=-89.845;-55.092  
p1041=-89.493;-55.093  
p1042=-89.141;-55.095  
p1043=-88.789;-55.097  
p1044=-88.466;-55.065  
p1045=-87.978;-54.956  
p1046=-87.746;-54.928  
p1047=-86.691;-54.941  
p1048=-86.502;-54.919  
p1049=-85.830;-54.930  
p1050=-85.480;-54.898  
p1051=-84.617;-54.712  
p1052=-83.559;-54.735  
[C3]  
gain=-3.00  
n\_point=1285  
p1=-83.046;-81.274  
p2=-79.703;-81.187  
p3=-79.195;-81.171

p4=-75.464;-81.028  
p5=-74.899;-81.003  
p6=-72.408;-80.878  
p7=-71.862;-80.848  
p8=-71.221;-80.811  
p9=-69.299;-80.692  
p10=-68.392;-80.631  
p11=-67.361;-80.558  
p12=-66.100;-80.463  
p13=-65.104;-80.382  
p14=-63.949;-80.284  
p15=-63.206;-80.218  
p16=-60.602;-79.963  
p17=-60.377;-79.940  
p18=-57.746;-79.643  
p19=-57.535;-79.618  
p20=-56.284;-79.461  
p21=-55.288;-79.329  
p22=-54.530;-79.224  
p23=-53.057;-79.008  
p24=-51.642;-78.785  
p25=-51.248;-78.720  
p26=-50.938;-78.668  
p27=-48.976;-78.320  
p28=-47.115;-77.955  
p29=-46.858;-77.902  
p30=-46.520;-77.830  
p31=-45.365;-77.578  
p32=-44.885;-77.468  
p33=-44.258;-77.320  
p34=-43.721;-77.190  
p35=-43.047;-77.020  
p36=-42.216;-76.803  
p37=-42.066;-76.763  
p38=-41.306;-76.552  
p39=-40.836;-76.418  
p40=-40.014;-76.174  
p41=-39.703;-76.079  
p42=-39.494;-76.014  
p43=-38.208;-75.595  
p44=-36.996;-75.169  
p45=-36.813;-75.102  
p46=-36.510;-74.989  
p47=-35.937;-74.770  
p48=-35.483;-74.590  
p49=-34.893;-74.349  
p50=-34.787;-74.305  
p51=-34.245;-74.073  
p52=-33.928;-73.934  
p53=-33.304;-73.650  
p54=-33.100;-73.555  
p55=-32.969;-73.494  
p56=-32.542;-73.288  
p57=-32.125;-73.081  
p58=-32.002;-73.019  
p59=-31.790;-72.911  
p60=-31.307;-72.657

p61=-30.971;-72.476  
p62=-30.517;-72.223  
p63=-30.434;-72.176  
p64=-30.016;-71.934  
p65=-29.780;-71.795  
p66=-29.094;-71.374  
p67=-28.424;-70.940  
p68=-28.238;-70.816  
p69=-27.867;-70.561  
p70=-27.798;-70.513  
p71=-27.410;-70.238  
p72=-27.213;-70.094  
p73=-26.639;-69.663  
p74=-26.084;-69.225  
p75=-25.912;-69.085  
p76=-25.564;-68.795  
p77=-25.225;-68.504  
p78=-25.065;-68.363  
p79=-24.576;-67.920  
p80=-24.139;-67.506  
p81=-23.927;-67.299  
p82=-23.488;-66.857  
p83=-23.345;-66.709  
p84=-23.147;-66.501  
p85=-22.889;-66.221  
p86=-22.761;-66.082  
p87=-22.497;-65.785  
p88=-22.239;-65.488  
p89=-22.120;-65.347  
p90=-21.885;-65.066  
p91=-21.771;-64.927  
p92=-21.713;-64.854  
p93=-21.543;-64.642  
p94=-21.431;-64.501  
p95=-21.212;-64.218  
p96=-21.104;-64.076  
p97=-20.892;-63.792  
p98=-20.736;-63.579  
p99=-20.582;-63.365  
p100=-20.481;-63.223  
p101=-20.283;-62.937  
p102=-20.185;-62.794  
p103=-19.993;-62.509  
p104=-19.851;-62.294  
p105=-19.712;-62.079  
p106=-19.621;-61.936  
p107=-19.441;-61.649  
p108=-19.352;-61.505  
p109=-19.178;-61.218  
p110=-19.094;-61.077  
p111=-19.044;-60.993  
p112=-18.851;-60.662  
p113=-18.802;-60.576  
p114=-18.649;-60.308  
p115=-18.529;-60.091  
p116=-18.371;-59.802  
p117=-18.293;-59.658



p118=-18.143;-59.374  
p119=-17.929;-58.959  
p120=-17.711;-58.524  
p121=-17.605;-58.307  
p122=-17.502;-58.093  
p123=-17.354;-57.780  
p124=-17.305;-57.675  
p125=-17.272;-57.604  
p126=-17.147;-57.333  
p127=-17.108;-57.246  
p128=-16.958;-56.910  
p129=-16.921;-56.825  
p130=-16.858;-56.681  
p131=-16.734;-56.393  
p132=-16.663;-56.225  
p133=-16.557;-55.971  
p134=-16.380;-55.539  
p135=-16.214;-55.121  
p136=-16.084;-54.786  
p137=-16.051;-54.702  
p138=-15.996;-54.557  
p139=-15.888;-54.269  
p140=-15.825;-54.100  
p141=-15.733;-53.848  
p142=-15.620;-53.533  
p143=-15.583;-53.427  
p144=-15.553;-53.343  
p145=-15.435;-53.003  
p146=-15.406;-52.917  
p147=-15.313;-52.645  
p148=-15.289;-52.573  
p149=-15.254;-52.467  
p150=-15.150;-52.151  
p151=-15.068;-51.898  
p152=-15.014;-51.730  
p153=-14.947;-51.518  
p154=-14.881;-51.307  
p155=-14.828;-51.138  
p156=-14.751;-50.884  
p157=-14.656;-50.567  
p158=-14.624;-50.461  
p159=-14.600;-50.377  
p160=-14.502;-50.042  
p161=-14.406;-49.706  
p162=-14.382;-49.622  
p163=-14.359;-49.538  
p164=-14.264;-49.199  
p165=-14.149;-48.775  
p166=-14.037;-48.351  
p167=-13.948;-48.011  
p168=-13.905;-47.843  
p169=-13.820;-47.506  
p170=-13.736;-47.167  
p171=-13.689;-46.976  
p172=-13.613;-46.659  
p173=-13.538;-46.342  
p174=-13.513;-46.236

p175=-13.488;-46.130  
p176=-13.415;-45.812  
p177=-13.343;-45.495  
p178=-13.320;-45.389  
p179=-13.296;-45.283  
p180=-13.226;-44.964  
p181=-13.157;-44.646  
p182=-13.135;-44.540  
p183=-13.112;-44.434  
p184=-13.045;-44.116  
p185=-12.979;-43.797  
p186=-12.940;-43.606  
p187=-12.804;-42.926  
p188=-12.771;-42.756  
p189=-12.706;-42.414  
p190=-12.625;-41.987  
p191=-12.469;-41.137  
p192=-12.394;-40.708  
p193=-12.334;-40.366  
p194=-12.320;-40.280  
p195=-12.301;-40.173  
p196=-12.247;-39.851  
p197=-12.204;-39.593  
p198=-12.176;-39.423  
p199=-12.141;-39.207  
p200=-12.106;-38.992  
p201=-12.079;-38.820  
p202=-12.038;-38.564  
p203=-11.988;-38.240  
p204=-11.958;-38.046  
p205=-11.906;-37.702  
p206=-11.842;-37.272  
p207=-11.780;-36.842  
p208=-11.731;-36.499  
p209=-11.718;-36.413  
p210=-11.703;-36.305  
p211=-11.658;-35.978  
p212=-11.628;-35.760  
p213=-11.598;-35.542  
p214=-11.555;-35.215  
p215=-11.529;-35.021  
p216=-11.484;-34.678  
p217=-11.429;-34.248  
p218=-11.374;-33.804  
p219=-11.342;-33.543  
p220=-11.320;-33.369  
p221=-11.285;-33.072  
p222=-11.267;-32.924  
p223=-11.257;-32.837  
p224=-11.216;-32.489  
p225=-11.206;-32.400  
p226=-11.174;-32.119  
p227=-11.165;-32.045  
p228=-11.153;-31.937  
p229=-11.117;-31.612  
p230=-11.092;-31.390  
p231=-11.068;-31.165

p232=-11.019;-30.714  
p233=-10.974;-30.281  
p234=-10.944;-29.985  
p235=-10.928;-29.835  
p236=-10.898;-29.533  
p237=-10.875;-29.307  
p238=-10.839;-28.930  
p239=-10.810;-28.628  
p240=-10.795;-28.477  
p241=-10.767;-28.175  
p242=-10.753;-28.027  
p243=-10.745;-27.939  
p244=-10.713;-27.585  
p245=-10.681;-27.231  
p246=-10.673;-27.140  
p247=-10.652;-26.905  
p248=-10.632;-26.669  
p249=-10.624;-26.578  
p250=-10.601;-26.306  
p251=-10.593;-26.216  
p252=-10.568;-25.906  
p253=-10.555;-25.755  
p254=-10.530;-25.452  
p255=-10.512;-25.225  
p256=-10.482;-24.847  
p257=-10.459;-24.545  
p258=-10.447;-24.385  
p259=-10.411;-23.905  
p260=-10.378;-23.458  
p261=-10.361;-23.225  
p262=-10.345;-22.998  
p263=-10.313;-22.545  
p264=-10.281;-22.064  
p265=-10.270;-21.904  
p266=-10.250;-21.593  
p267=-10.246;-21.539  
p268=-10.228;-21.251  
p269=-10.219;-21.115  
p270=-10.200;-20.809  
p271=-10.186;-20.583  
p272=-10.176;-20.423  
p273=-10.119;-19.459  
p274=-10.110;-19.298  
p275=-10.097;-19.072  
p276=-10.080;-18.768  
p277=-10.057;-18.344  
p278=-10.054;-18.290  
p279=-10.038;-17.980  
p280=-10.030;-17.819  
p281=-10.005;-17.338  
p282=-9.981;-16.845  
p283=-9.962;-16.450  
p284=-9.958;-16.352  
p285=-9.935;-15.859  
p286=-9.916;-15.436  
p287=-9.913;-15.366  
p288=-9.902;-15.119

p289=-9.889;-14.798  
p290=-9.883;-14.659  
p291=-9.872;-14.388  
p292=-9.863;-14.169  
p293=-9.852;-13.887  
p294=-9.848;-13.788  
p295=-9.839;-13.535  
p296=-9.833;-13.389  
p297=-9.815;-12.902  
p298=-9.796;-12.369  
p299=-9.794;-12.286  
p300=-9.789;-12.146  
p301=-9.780;-11.877  
p302=-9.773;-11.657  
p303=-9.763;-11.364  
p304=-9.762;-11.310  
p305=-9.753;-11.031  
p306=-9.748;-10.855  
p307=-9.739;-10.537  
p308=-9.735;-10.414  
p309=-9.733;-10.330  
p310=-9.718;-9.796  
p311=-9.704;-9.262  
p312=-9.702;-9.179  
p313=-9.699;-9.055  
p314=-9.691;-8.738  
p315=-9.687;-8.561  
p316=-9.681;-8.314  
p317=-9.679;-8.208  
p318=-9.673;-7.944  
p319=-9.667;-7.662  
p320=-9.666;-7.616  
p321=-9.661;-7.334  
p322=-9.656;-7.103  
p323=-9.653;-6.924  
p324=-9.649;-6.719  
p325=-9.646;-6.556  
p326=-9.640;-6.216  
p327=-9.638;-6.105  
p328=-9.637;-6.011  
p329=-9.630;-5.591  
p330=-9.629;-5.497  
p331=-9.628;-5.416  
p332=-9.620;-4.882  
p333=-9.613;-4.274  
p334=-9.607;-3.742  
p335=-9.606;-3.660  
p336=-9.601;-3.051  
p337=-9.600;-2.957  
p338=-9.597;-2.535  
p339=-9.596;-2.441  
p340=-9.590;1.221  
p341=-9.591;1.315  
p342=-9.592;1.738  
p343=-9.593;1.832  
p344=-9.596;2.442  
p345=-9.597;2.523

p346=-9.601;3.056  
p347=-9.606;3.666  
p348=-9.612;4.199  
p349=-9.613;4.281  
p350=-9.614;4.375  
p351=-9.619;4.797  
p352=-9.620;4.891  
p353=-9.622;5.002  
p354=-9.627;5.342  
p355=-9.629;5.506  
p356=-9.632;5.711  
p357=-9.635;5.891  
p358=-9.639;6.122  
p359=-9.643;6.405  
p360=-9.644;6.451  
p361=-9.649;6.734  
p362=-9.654;6.999  
p363=-9.656;7.105  
p364=-9.661;7.353  
p365=-9.665;7.541  
p366=-9.670;7.774  
p367=-9.674;7.962  
p368=-9.677;8.116  
p369=-9.685;8.476  
p370=-9.687;8.579  
p371=-9.689;8.652  
p372=-9.701;9.136  
p373=-9.703;9.209  
p374=-9.705;9.312  
p375=-9.715;9.672  
p376=-9.719;9.826  
p377=-9.724;10.032  
p378=-9.729;10.212  
p379=-9.736;10.443  
p380=-9.745;10.751  
p381=-9.754;11.059  
p382=-9.761;11.279  
p383=-9.769;11.549  
p384=-9.774;11.689  
p385=-9.776;11.773  
p386=-9.794;12.307  
p387=-9.811;12.794  
p388=-9.817;12.941  
p389=-9.825;13.168  
p390=-9.830;13.314  
p391=-9.849;13.818  
p392=-9.855;13.963  
p393=-9.864;14.190  
p394=-9.870;14.331  
p395=-9.890;14.824  
p396=-9.911;15.313  
p397=-9.917;15.459  
p398=-9.928;15.713  
p399=-9.933;15.812  
p400=-9.946;16.094  
p401=-9.955;16.306  
p402=-9.975;16.729

p403=-9.979;16.800  
p404=-9.991;17.046  
p405=-10.003;17.288  
p406=-10.007;17.368  
p407=-10.015;17.529  
p408=-10.065;18.494  
p409=-10.074;18.655  
p410=-10.078;18.735  
p411=-10.105;19.217  
p412=-10.110;19.298  
p413=-10.119;19.459  
p414=-10.147;19.941  
p415=-10.161;20.174  
p416=-10.177;20.444  
p417=-10.186;20.588  
p418=-10.190;20.656  
p419=-10.200;20.809  
p420=-10.219;21.111  
p421=-10.228;21.262  
p422=-10.249;21.583  
p423=-10.270;21.904  
p424=-10.280;22.059  
p425=-10.313;22.545  
p426=-10.345;22.998  
p427=-10.361;23.225  
p428=-10.377;23.452  
p429=-10.411;23.905  
p430=-10.447;24.385  
p431=-10.459;24.545  
p432=-10.482;24.847  
p433=-10.512;25.225  
p434=-10.518;25.301  
p435=-10.555;25.755  
p436=-10.568;25.906  
p437=-10.593;26.209  
p438=-10.625;26.587  
p439=-10.631;26.663  
p440=-10.671;27.117  
p441=-10.684;27.268  
p442=-10.711;27.570  
p443=-10.746;27.948  
p444=-10.767;28.175  
p445=-10.795;28.474  
p446=-10.811;28.647  
p447=-10.836;28.908  
p448=-10.880;29.357  
p449=-10.926;29.810  
p450=-10.949;30.036  
p451=-10.972;30.258  
p452=-11.006;30.583  
p453=-11.017;30.691  
p454=-11.025;30.765  
p455=-11.055;31.047  
p456=-11.065;31.137  
p457=-11.103;31.485  
p458=-11.112;31.572  
p459=-11.129;31.722

p460=-11.163;32.022  
p461=-11.180;32.173  
p462=-11.213;32.465  
p463=-11.265;32.903  
p464=-11.317;33.337  
p465=-11.353;33.632  
p466=-11.371;33.780  
p467=-11.398;33.997  
p468=-11.425;34.214  
p469=-11.444;34.362  
p470=-11.481;34.654  
p471=-11.538;35.091  
p472=-11.596;35.522  
p473=-11.642;35.867  
p474=-11.669;36.061  
p475=-11.715;36.388  
p476=-11.746;36.607  
p477=-11.777;36.825  
p478=-11.824;37.152  
p479=-11.840;37.260  
p480=-11.904;37.690  
p481=-11.970;38.121  
p482=-12.036;38.552  
p483=-12.091;38.896  
p484=-12.122;39.090  
p485=-12.174;39.412  
p486=-12.217;39.670  
p487=-12.245;39.841  
p488=-12.282;40.057  
p489=-12.318;40.272  
p490=-12.348;40.444  
p491=-12.437;40.955  
p492=-12.498;41.296  
p493=-12.545;41.553  
p494=-12.604;41.875  
p495=-12.640;42.068  
p496=-12.704;42.408  
p497=-12.770;42.749  
p498=-12.787;42.835  
p499=-12.803;42.920  
p500=-12.871;43.262  
p501=-12.957;43.689  
p502=-13.045;44.114  
p503=-13.134;44.539  
p504=-13.320;45.390  
p505=-13.416;45.815  
p506=-13.514;46.239  
p507=-13.614;46.664  
p508=-13.696;47.004  
p509=-13.717;47.089  
p510=-13.738;47.174  
p511=-13.822;47.513  
p512=-13.907;47.851  
p513=-13.929;47.937  
p514=-14.040;48.362  
p515=-14.107;48.617  
p516=-14.198;48.955

p517=-14.267;49.209  
p518=-14.386;49.635  
p519=-14.458;49.889  
p520=-14.555;50.225  
p521=-14.630;50.480  
p522=-14.725;50.798  
p523=-14.757;50.905  
p524=-14.783;50.989  
p525=-14.887;51.328  
p526=-15.021;51.752  
p527=-15.159;52.180  
p528=-15.253;52.465  
p529=-15.373;52.822  
p530=-15.446;53.033  
p531=-15.593;53.456  
p532=-15.706;53.772  
p533=-15.745;53.879  
p534=-15.771;53.950  
p535=-15.902;54.306  
p536=-16.036;54.662  
p537=-16.063;54.733  
p538=-16.104;54.840  
p539=-16.227;55.155  
p540=-16.327;55.407  
p541=-16.395;55.577  
p542=-16.513;55.866  
p543=-16.573;56.010  
p544=-16.608;56.095  
p545=-16.751;56.434  
p546=-16.788;56.520  
p547=-16.907;56.793  
p548=-16.938;56.864  
p549=-16.985;56.970  
p550=-17.126;57.285  
p551=-17.224;57.500  
p552=-17.322;57.712  
p553=-17.522;58.135  
p554=-17.556;58.206  
p555=-17.662;58.424  
p556=-17.733;58.569  
p557=-17.879;58.859  
p558=-18.058;59.211  
p559=-18.167;59.419  
p560=-18.242;59.561  
p561=-18.397;59.851  
p562=-18.476;59.996  
p563=-18.596;60.213  
p564=-18.636;60.284  
p565=-18.694;60.388  
p566=-18.995;60.910  
p567=-19.123;61.127  
p568=-19.656;61.991  
p569=-19.935;62.422  
p570=-20.523;63.282  
p571=-20.831;63.710  
p572=-21.150;64.137  
p573=-21.484;64.569



p574=-21.842;65.014  
p575=-21.995;65.198  
p576=-22.143;65.374  
p577=-22.203;65.445  
p578=-22.324;65.586  
p579=-22.573;65.871  
p580=-22.686;65.998  
p581=-22.928;66.264  
p582=-22.974;66.315  
p583=-23.381;66.747  
p584=-23.822;67.196  
p585=-24.250;67.612  
p586=-24.469;67.820  
p587=-25.712;68.919  
p588=-25.800;68.992  
p589=-25.977;69.138  
p590=-28.001;70.654  
p591=-28.106;70.726  
p592=-28.289;70.850  
p593=-28.652;71.090  
p594=-28.952;71.284  
p595=-29.348;71.532  
p596=-29.489;71.619  
p597=-29.859;71.842  
p598=-30.076;71.970  
p599=-30.823;72.394  
p600=-31.607;72.815  
p601=-32.233;73.135  
p602=-32.483;73.259  
p603=-32.925;73.473  
p604=-33.379;73.685  
p605=-33.647;73.808  
p606=-34.073;73.998  
p607=-34.355;74.121  
p608=-35.321;74.525  
p609=-36.439;74.962  
p610=-36.927;75.144  
p611=-37.533;75.362  
p612=-38.736;75.771  
p613=-38.866;75.813  
p614=-39.554;76.032  
p615=-40.000;76.170  
p616=-40.825;76.415  
p617=-41.154;76.510  
p618=-41.393;76.577  
p619=-42.873;76.976  
p620=-44.473;77.371  
p621=-45.029;77.501  
p622=-46.176;77.757  
p623=-47.372;78.007  
p624=-47.989;78.130  
p625=-49.917;78.491  
p626=-51.074;78.691  
p627=-53.511;79.076  
p628=-54.183;79.174  
p629=-55.628;79.374  
p630=-56.526;79.492

p631=-58.426;79.724  
p632=-58.863;79.774  
p633=-59.224;79.815  
p634=-64.574;80.338  
p635=-64.977;80.372  
p636=-68.266;80.623  
p637=-68.791;80.658  
p638=-71.188;80.809  
p639=-72.383;80.877  
p640=-74.390;80.979  
p641=-75.372;81.024  
p642=-82.986;81.273  
p643=-84.192;81.297  
p644=-85.707;81.321  
p645=-86.925;81.336  
p646=-88.248;81.348  
p647=-89.573;81.355  
p648=-90.900;81.358  
p649=-92.125;81.356  
p650=-93.655;81.347  
p651=-94.877;81.336  
p652=-106.428;81.024  
p653=-107.410;80.979  
p654=-109.417;80.877  
p655=-110.612;80.809  
p656=-113.009;80.658  
p657=-113.984;80.591  
p658=-116.858;80.369  
p659=-119.970;80.087  
p660=-122.576;79.815  
p661=-122.937;79.774  
p662=-123.374;79.724  
p663=-125.274;79.492  
p664=-126.172;79.374  
p665=-127.617;79.174  
p666=-128.289;79.076  
p667=-130.726;78.691  
p668=-131.785;78.509  
p669=-131.956;78.478  
p670=-132.977;78.291  
p671=-133.907;78.112  
p672=-138.927;76.976  
p673=-140.431;76.570  
p674=-140.638;76.512  
p675=-140.912;76.433  
p676=-141.844;76.156  
p677=-142.232;76.037  
p678=-143.718;75.552  
p679=-144.392;75.317  
p680=-144.514;75.274  
p681=-145.132;75.049  
p682=-145.493;74.912  
p683=-146.206;74.635  
p684=-146.587;74.481  
p685=-147.073;74.280  
p686=-147.547;74.077  
p687=-147.687;74.016

p688=-147.901;73.921  
p689=-148.528;73.636  
p690=-149.321;73.257  
p691=-149.414;73.211  
p692=-149.912;72.961  
p693=-150.940;72.415  
p694=-151.055;72.351  
p695=-151.430;72.140  
p696=-151.797;71.927  
p697=-151.905;71.863  
p698=-152.091;71.752  
p699=-152.516;71.493  
p700=-152.812;71.307  
p701=-153.198;71.058  
p702=-154.469;70.181  
p703=-155.049;69.748  
p704=-155.237;69.604  
p705=-155.593;69.324  
p706=-155.654;69.275  
p707=-155.973;69.015  
p708=-156.122;68.891  
p709=-156.448;68.613  
p710=-156.606;68.476  
p711=-156.684;68.408  
p712=-157.793;67.378  
p713=-157.943;67.230  
p714=-158.151;67.022  
p715=-158.423;66.743  
p716=-158.556;66.603  
p717=-158.834;66.306  
p718=-159.105;66.008  
p719=-159.476;65.586  
p720=-159.597;65.445  
p721=-159.657;65.374  
p722=-159.952;65.021  
p723=-160.182;64.737  
p724=-160.301;64.587  
p725=-160.650;64.137  
p726=-160.969;63.710  
p727=-161.124;63.496  
p728=-161.277;63.282  
p729=-161.576;62.852  
p730=-161.865;62.422  
p731=-162.005;62.206  
p732=-162.144;61.991  
p733=-162.415;61.559  
p734=-162.677;61.127  
p735=-162.805;60.910  
p736=-162.929;60.698  
p737=-163.106;60.388  
p738=-163.164;60.284  
p739=-163.204;60.213  
p740=-163.403;59.851  
p741=-163.785;59.126  
p742=-163.859;58.982  
p743=-163.896;58.909  
p744=-164.072;58.558

p745=-164.244;58.206  
p746=-164.348;57.988  
p747=-164.485;57.697  
p748=-164.552;57.552  
p749=-164.681;57.270  
p750=-164.870;56.846  
p751=-165.057;56.413  
p752=-165.165;56.160  
p753=-165.235;55.991  
p754=-165.354;55.702  
p755=-165.413;55.558  
p756=-165.447;55.473  
p757=-165.580;55.138  
p758=-165.742;54.719  
p759=-165.906;54.286  
p760=-166.000;54.031  
p761=-166.061;53.863  
p762=-166.137;53.652  
p763=-166.212;53.440  
p764=-166.263;53.296  
p765=-166.362;53.012  
p766=-166.507;52.585  
p767=-166.646;52.163  
p768=-166.756;51.825  
p769=-166.816;51.635  
p770=-166.916;51.317  
p771=-166.994;51.063  
p772=-167.046;50.894  
p773=-167.110;50.682  
p774=-167.173;50.471  
p775=-167.223;50.301  
p776=-167.297;50.047  
p777=-167.388;49.729  
p778=-167.441;49.538  
p779=-167.536;49.199  
p780=-167.651;48.775  
p781=-167.872;47.932  
p782=-167.980;47.507  
p783=-168.064;47.167  
p784=-168.105;46.998  
p785=-168.187;46.660  
p786=-168.267;46.321  
p787=-168.287;46.236  
p788=-168.307;46.152  
p789=-168.385;45.813  
p790=-168.461;45.474  
p791=-168.480;45.389  
p792=-168.499;45.304  
p793=-168.574;44.965  
p794=-168.647;44.625  
p795=-168.665;44.540  
p796=-168.684;44.455  
p797=-168.755;44.115  
p798=-168.825;43.776  
p799=-168.843;43.691  
p800=-168.860;43.606  
p801=-168.928;43.266

p802=-168.996;42.926  
p803=-169.029;42.756  
p804=-169.094;42.415  
p805=-169.158;42.076  
p806=-169.190;41.906  
p807=-169.253;41.565  
p808=-169.330;41.137  
p809=-169.479;40.288  
p810=-169.552;39.858  
p811=-169.608;39.516  
p812=-169.623;39.431  
p813=-169.640;39.324  
p814=-169.692;39.002  
p815=-169.733;38.744  
p816=-169.760;38.573  
p817=-169.794;38.358  
p818=-169.827;38.144  
p819=-169.853;37.972  
p820=-169.892;37.714  
p821=-169.940;37.393  
p822=-169.969;37.199  
p823=-170.018;36.856  
p824=-170.080;36.427  
p825=-170.139;35.998  
p826=-170.186;35.655  
p827=-170.198;35.569  
p828=-170.212;35.462  
p829=-170.256;35.135  
p830=-170.285;34.918  
p831=-170.355;34.373  
p832=-170.378;34.192  
p833=-170.423;33.828  
p834=-170.468;33.465  
p835=-170.490;33.283  
p836=-170.529;32.959  
p837=-170.555;32.738  
p838=-170.618;32.193  
p839=-170.630;32.085  
p840=-170.638;32.012  
p841=-170.679;31.648  
p842=-170.719;31.285  
p843=-170.727;31.211  
p844=-170.744;31.061  
p845=-170.775;30.764  
p846=-170.794;30.590  
p847=-170.821;30.330  
p848=-170.867;29.885  
p849=-170.912;29.434  
p850=-170.934;29.208  
p851=-170.987;28.664  
p852=-171.004;28.483  
p853=-171.039;28.107  
p854=-171.081;27.656  
p855=-171.108;27.355  
p856=-171.128;27.129  
p857=-171.161;26.753  
p858=-171.199;26.301

p859=-171.225;26.000  
p860=-171.243;25.774  
p861=-171.274;25.397  
p862=-171.310;24.946  
p863=-171.333;24.645  
p864=-171.351;24.419  
p865=-171.365;24.231  
p866=-171.380;24.036  
p867=-171.415;23.562  
p868=-171.447;23.105  
p869=-171.479;22.654  
p870=-171.495;22.429  
p871=-171.537;21.791  
p872=-171.542;21.716  
p873=-171.552;21.565  
p874=-171.572;21.265  
p875=-171.581;21.115  
p876=-171.601;20.796  
p877=-171.621;20.477  
p878=-171.630;20.327  
p879=-171.648;20.027  
p880=-171.657;19.876  
p881=-171.661;19.808  
p882=-171.669;19.665  
p883=-171.685;19.396  
p884=-171.698;19.164  
p885=-171.733;18.526  
p886=-171.737;18.448  
p887=-171.750;18.206  
p888=-171.763;17.966  
p889=-171.767;17.886  
p890=-171.776;17.700  
p891=-171.786;17.505  
p892=-171.800;17.235  
p893=-171.810;17.025  
p894=-171.845;16.290  
p895=-171.856;16.050  
p896=-171.860;15.970  
p897=-171.867;15.811  
p898=-171.915;14.696  
p899=-171.919;14.612  
p900=-171.940;14.084  
p901=-171.959;13.600  
p902=-171.965;13.454  
p903=-171.977;13.105  
p904=-171.988;12.825  
p905=-171.995;12.607  
p906=-172.005;12.339  
p907=-172.009;12.200  
p908=-172.012;12.117  
p909=-172.029;11.587  
p910=-172.046;11.056  
p911=-172.053;10.835  
p912=-172.061;10.567  
p913=-172.067;10.349  
p914=-172.075;10.043  
p915=-172.112;8.616

p916=-172.116;8.438  
p917=-172.128;7.902  
p918=-172.139;7.367  
p919=-172.140;7.290  
p920=-172.142;7.197  
p921=-172.150;6.780  
p922=-172.152;6.687  
p923=-172.154;6.576  
p924=-172.159;6.238  
p925=-172.162;6.076  
p926=-172.165;5.872  
p927=-172.168;5.694  
p928=-172.172;5.464  
p929=-172.180;4.860  
p930=-172.184;4.579  
p931=-172.184;4.533  
p932=-172.191;3.971  
p933=-172.191;3.924  
p934=-172.196;3.400  
p935=-172.197;3.256  
p936=-172.199;3.034  
p937=-172.204;2.428  
p938=-172.205;2.241  
p939=-172.206;2.008  
p940=-172.207;1.821  
p941=-172.208;1.648  
p942=-172.209;1.387  
p943=-172.210;1.214  
p944=-172.210;1.041  
p945=-172.211;0.781  
p946=-172.211;0.607  
p947=-172.211;0.434  
p948=-172.212;0.173  
p949=-172.212;0.000  
p950=-172.212;-0.162  
p951=-172.211;-0.496  
p952=-172.211;-0.606  
p953=-172.207;-1.819  
p954=-172.207;-1.929  
p955=-172.205;-2.265  
p956=-172.204;-2.427  
p957=-172.203;-2.600  
p958=-172.201;-2.860  
p959=-172.199;-3.033  
p960=-172.198;-3.206  
p961=-172.196;-3.465  
p962=-172.194;-3.638  
p963=-172.192;-3.825  
p964=-172.190;-4.057  
p965=-172.185;-4.465  
p966=-172.183;-4.610  
p967=-172.180;-4.853  
p968=-172.177;-5.111  
p969=-172.175;-5.198  
p970=-172.172;-5.456  
p971=-172.168;-5.736  
p972=-172.167;-5.782

p973=-172.158;-6.343  
p974=-172.157;-6.389  
p975=-172.152;-6.668  
p976=-172.148;-6.897  
p977=-172.144;-7.076  
p978=-172.141;-7.279  
p979=-172.137;-7.441  
p980=-172.130;-7.778  
p981=-172.126;-7.982  
p982=-172.117;-8.396  
p983=-172.115;-8.489  
p984=-172.113;-8.565  
p985=-172.100;-9.099  
p986=-172.087;-9.623  
p987=-172.084;-9.711  
p988=-172.081;-9.833  
p989=-172.072;-10.148  
p990=-172.068;-10.323  
p991=-172.060;-10.599  
p992=-172.058;-10.653  
p993=-172.049;-10.943  
p994=-172.043;-11.172  
p995=-172.037;-11.349  
p996=-172.031;-11.552  
p997=-172.026;-11.698  
p998=-172.010;-12.179  
p999=-171.992;-12.707  
p1000=-171.989;-12.790  
p1001=-171.984;-12.913  
p1002=-171.973;-13.227  
p1003=-171.967;-13.401  
p1004=-171.955;-13.718  
p1005=-171.942;-14.035  
p1006=-171.936;-14.201  
p1007=-171.922;-14.536  
p1008=-171.917;-14.648  
p1009=-171.904;-14.962  
p1010=-171.863;-15.915  
p1011=-171.851;-16.164  
p1012=-171.845;-16.307  
p1013=-171.834;-16.531  
p1014=-171.804;-17.158  
p1015=-171.781;-17.609  
p1016=-171.771;-17.812  
p1017=-171.756;-18.090  
p1018=-171.738;-18.439  
p1019=-171.730;-18.574  
p1020=-171.705;-19.026  
p1021=-171.694;-19.236  
p1022=-171.678;-19.505  
p1023=-171.665;-19.735  
p1024=-171.637;-20.212  
p1025=-171.627;-20.371  
p1026=-171.622;-20.448  
p1027=-171.608;-20.689  
p1028=-171.588;-21.007  
p1029=-171.564;-21.380



p1030=-171.545;-21.679  
p1031=-171.534;-21.838  
p1032=-171.502;-22.314  
p1033=-171.472;-22.763  
p1034=-171.456;-22.987  
p1035=-171.422;-23.462  
p1036=-171.410;-23.621  
p1037=-171.394;-23.845  
p1038=-171.371;-24.145  
p1039=-171.337;-24.594  
p1040=-171.326;-24.744  
p1041=-171.302;-25.043  
p1042=-171.290;-25.193  
p1043=-171.266;-25.493  
p1044=-171.254;-25.643  
p1045=-171.229;-25.950  
p1046=-171.221;-26.039  
p1047=-171.199;-26.309  
p1048=-171.191;-26.398  
p1049=-171.171;-26.632  
p1050=-171.151;-26.866  
p1051=-171.143;-26.956  
p1052=-171.113;-27.298  
p1053=-171.105;-27.387  
p1054=-171.080;-27.666  
p1055=-171.059;-27.891  
p1056=-171.032;-28.190  
p1057=-170.989;-28.639  
p1058=-170.975;-28.789  
p1059=-170.946;-29.088  
p1060=-170.931;-29.237  
p1061=-170.902;-29.533  
p1062=-170.859;-29.963  
p1063=-170.766;-30.850  
p1064=-170.720;-31.281  
p1065=-170.687;-31.576  
p1066=-170.671;-31.724  
p1067=-170.661;-31.810  
p1068=-170.622;-32.155  
p1069=-170.612;-32.244  
p1070=-170.580;-32.522  
p1071=-170.571;-32.595  
p1072=-170.559;-32.702  
p1073=-170.521;-33.025  
p1074=-170.468;-33.464  
p1075=-170.429;-33.786  
p1076=-170.415;-33.894  
p1077=-170.406;-33.967  
p1078=-170.371;-34.244  
p1079=-170.360;-34.332  
p1080=-170.316;-34.677  
p1081=-170.291;-34.869  
p1082=-170.249;-35.191  
p1083=-170.219;-35.410  
p1084=-170.190;-35.626  
p1085=-170.146;-35.950  
p1086=-170.119;-36.142

p1087=-170.072;-36.483  
p1088=-170.011;-36.909  
p1089=-169.948;-37.336  
p1090=-169.898;-37.677  
p1091=-169.869;-37.869  
p1092=-169.820;-38.190  
p1093=-169.780;-38.445  
p1094=-169.754;-38.615  
p1095=-169.720;-38.828  
p1096=-169.686;-39.042  
p1097=-169.658;-39.212  
p1098=-169.617;-39.467  
p1099=-169.564;-39.787  
p1100=-169.532;-39.978  
p1101=-169.474;-40.318  
p1102=-169.400;-40.743  
p1103=-169.325;-41.168  
p1104=-169.264;-41.508  
p1105=-169.233;-41.676  
p1106=-169.170;-42.012  
p1107=-169.107;-42.350  
p1108=-169.091;-42.435  
p1109=-169.074;-42.519  
p1110=-168.943;-43.194  
p1111=-168.905;-43.384  
p1112=-168.841;-43.701  
p1113=-168.776;-44.016  
p1114=-168.754;-44.122  
p1115=-168.732;-44.227  
p1116=-168.665;-44.543  
p1117=-168.597;-44.859  
p1118=-168.574;-44.964  
p1119=-168.551;-45.069  
p1120=-168.481;-45.385  
p1121=-168.410;-45.701  
p1122=-168.367;-45.890  
p1123=-168.289;-46.227  
p1124=-168.190;-46.647  
p1125=-168.170;-46.731  
p1126=-168.088;-47.068  
p1127=-167.984;-47.490  
p1128=-167.769;-48.328  
p1129=-167.658;-48.749  
p1130=-167.566;-49.086  
p1131=-167.543;-49.170  
p1132=-167.426;-49.592  
p1133=-167.355;-49.844  
p1134=-167.306;-50.013  
p1135=-167.245;-50.223  
p1136=-167.184;-50.434  
p1137=-167.134;-50.602  
p1138=-167.058;-50.855  
p1139=-166.929;-51.275  
p1140=-166.903;-51.359  
p1141=-166.797;-51.695  
p1142=-166.662;-52.115  
p1143=-166.522;-52.539

p1144=-166.427;-52.822  
p1145=-166.305;-53.176  
p1146=-166.232;-53.385  
p1147=-166.173;-53.553  
p1148=-166.083;-53.804  
p1149=-165.968;-54.117  
p1150=-165.929;-54.223  
p1151=-165.903;-54.294  
p1152=-165.770;-54.646  
p1153=-165.634;-54.999  
p1154=-165.606;-55.070  
p1155=-165.565;-55.175  
p1156=-165.439;-55.492  
p1157=-165.353;-55.704  
p1158=-165.266;-55.917  
p1159=-165.135;-56.231  
p1160=-165.090;-56.336  
p1161=-165.060;-56.407  
p1162=-164.908;-56.758  
p1163=-164.753;-57.109  
p1164=-164.656;-57.325  
p1165=-164.525;-57.612  
p1166=-164.447;-57.779  
p1167=-164.329;-58.029  
p1168=-164.121;-58.458  
p1169=-163.913;-58.876  
p1170=-163.771;-59.155  
p1171=-163.696;-59.299  
p1172=-163.468;-59.730  
p1173=-163.429;-59.802  
p1174=-163.239;-60.149  
p1175=-163.045;-60.495  
p1176=-162.755;-60.996  
p1177=-162.670;-61.139  
p1178=-162.497;-61.425  
p1179=-162.409;-61.568  
p1180=-162.276;-61.782  
p1181=-161.957;-62.282  
p1182=-161.863;-62.424  
p1183=-161.673;-62.709  
p1184=-161.577;-62.851  
p1185=-161.430;-63.064  
p1186=-161.078;-63.560  
p1187=-160.975;-63.702  
p1188=-160.765;-63.985  
p1189=-160.658;-64.126  
p1190=-160.496;-64.337  
p1191=-160.331;-64.549  
p1192=-160.104;-64.833  
p1193=-159.782;-65.225  
p1194=-159.741;-65.275  
p1195=-159.496;-65.563  
p1196=-159.375;-65.703  
p1197=-159.128;-65.982  
p1198=-159.001;-66.123  
p1199=-158.944;-66.186  
p1200=-158.823;-66.318

p1201=-158.591;-66.566  
p1202=-158.387;-66.780  
p1203=-157.952;-67.221  
p1204=-157.804;-67.367  
p1205=-157.731;-67.438  
p1206=-157.500;-67.660  
p1207=-157.188;-67.953  
p1208=-157.001;-68.124  
p1209=-156.803;-68.302  
p1210=-156.522;-68.549  
p1211=-156.301;-68.740  
p1212=-155.983;-69.006  
p1213=-155.845;-69.120  
p1214=-155.767;-69.183  
p1215=-155.491;-69.405  
p1216=-155.122;-69.693  
p1217=-154.934;-69.836  
p1218=-153.742;-70.693  
p1219=-153.533;-70.835  
p1220=-153.427;-70.906  
p1221=-153.105;-71.118  
p1222=-152.772;-71.332  
p1223=-152.671;-71.396  
p1224=-152.512;-71.495  
p1225=-152.030;-71.789  
p1226=-151.784;-71.934  
p1227=-151.302;-72.213  
p1228=-150.804;-72.489  
p1229=-150.538;-72.633  
p1230=-149.987;-72.922  
p1231=-149.798;-73.019  
p1232=-149.675;-73.081  
p1233=-149.258;-73.288  
p1234=-148.694;-73.558  
p1235=-148.472;-73.662  
p1236=-147.888;-73.927  
p1237=-147.555;-74.073  
p1238=-147.013;-74.305  
p1239=-146.907;-74.349  
p1240=-146.317;-74.590  
p1241=-145.863;-74.770  
p1242=-145.290;-74.989  
p1243=-144.987;-75.102  
p1244=-144.794;-75.173  
p1245=-142.317;-76.010  
p1246=-142.097;-76.079  
p1247=-141.786;-76.174  
p1248=-140.964;-76.418  
p1249=-140.494;-76.552  
p1250=-139.734;-76.763  
p1251=-139.584;-76.803  
p1252=-138.753;-77.020  
p1253=-138.079;-77.190  
p1254=-137.542;-77.320  
p1255=-136.435;-77.578  
p1256=-135.280;-77.830  
p1257=-134.942;-77.902

p1258=-134.685;-77.955  
p1259=-132.824;-78.320  
p1260=-130.881;-78.665  
p1261=-130.545;-78.721  
p1262=-130.070;-78.799  
p1263=-128.819;-78.996  
p1264=-128.105;-79.103  
p1265=-127.185;-79.236  
p1266=-126.569;-79.321  
p1267=-125.516;-79.461  
p1268=-124.265;-79.618  
p1269=-124.054;-79.643  
p1270=-122.758;-79.794  
p1271=-121.001;-79.984  
p1272=-119.795;-80.104  
p1273=-118.854;-80.194  
p1274=-117.662;-80.301  
p1275=-116.684;-80.383  
p1276=-115.823;-80.453  
p1277=-113.993;-80.590  
p1278=-113.381;-80.633  
p1279=-112.860;-80.669  
p1280=-110.476;-80.817  
p1281=-109.934;-80.848  
p1282=-106.336;-81.028  
p1283=-105.845;-81.049  
p1284=-102.587;-81.171  
p1285=-83.046;-81.274