

[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=TMV
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