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long_nom=-95.000
n_diag=1

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emi_rcp=E
polar_disc=C
reason=C
n_bore=1
n_cont=10

[B1]
gain=0.00
p=-88.434;45.000

[C1]
gain=-2
n_point=39
p1=-86.740;49.969
p2=-85.922;49.625
p3=-85.140;49.019
p4=-85.093;48.965
p5=-84.483;47.967
p6=-84.481;47.962
p7=-84.247;46.988
p8=-84.205;46.031
p9=-84.335;45.093
p10=-84.625;44.174
p11=-85.069;43.272
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p13=-85.684;42.387
p14=-86.511;41.585
p15=-86.606;41.515
p16=-87.361;41.059
p17=-88.166;40.755
p18=-88.942;40.642
p19=-89.696;40.717
p20=-90.435;40.984
p21=-91.147;41.447
p22=-91.166;41.462
p23=-91.855;42.291
p24=-91.885;42.343
p25=-92.249;43.156
p26=-92.468;44.043
p27=-92.521;44.951
p28=-92.400;45.883
p29=-92.093;46.842
p30=-91.576;47.829
p31=-91.522;47.904
p32=-90.673;48.852
p33=-90.548;48.962

p34=-89.578;49.587
p35=-88.704;49.927
p36=-88.615;49.957
p37=-87.676;50.074
p38=-86.771;49.979
p39=-86.740;49.969

[C2]

gain=-4
n_point=55
p1=-86.286;52.186
p2=-85.402;51.942
p3=-84.542;51.505
p4=-84.061;51.127
p5=-83.758;50.844
p6=-83.178;50.072
p7=-83.077;49.892
p8=-82.722;49.039
p9=-82.567;48.418
p10=-82.495;48.030
p11=-82.443;47.045
p12=-82.518;46.083
p13=-82.704;45.142
p14=-82.995;44.221
p15=-83.387;43.318
p16=-83.882;42.433
p17=-84.038;42.206
p18=-84.518;41.563
p19=-85.055;40.967
p20=-85.327;40.708
p21=-85.951;40.195
p22=-86.457;39.864
p23=-86.786;39.672
p24=-87.581;39.330
p25=-88.351;39.124
p26=-89.101;39.047
p27=-89.838;39.094
p28=-90.565;39.268
p29=-91.287;39.580
p30=-91.622;39.791
p31=-92.006;40.070
p32=-92.559;40.602
p33=-92.727;40.800
p34=-93.166;41.433
p35=-93.454;41.979
p36=-93.592;42.281
p37=-93.870;43.148
p38=-94.034;44.036
p39=-94.084;44.944
p40=-94.017;45.876
p41=-93.821;46.832
p42=-93.483;47.816
p43=-93.247;48.303
p44=-92.956;48.831
p45=-92.282;49.767
p46=-92.183;49.881
p47=-91.291;50.732

p48=-90.963;50.975
p49=-90.285;51.414
p50=-89.273;51.882
p51=-88.359;52.138
p52=-88.266;52.163
p53=-87.277;52.263
p54=-86.317;52.194
p55=-86.286;52.186

[C3]

gain=-6
n_point=69
p1=-84.287;53.415
p2=-84.049;53.313
p3=-83.205;52.764
p4=-82.711;52.299
p5=-82.446;52.009
p6=-81.906;51.203
p7=-81.796;50.990
p8=-81.456;50.135
p9=-81.307;49.549
p10=-81.216;49.094
p11=-81.132;48.080
p12=-81.165;47.091
p13=-81.175;47.023
p14=-81.300;46.125
p15=-81.521;45.182
p16=-81.823;44.259
p17=-82.111;43.577
p18=-82.204;43.355
p19=-82.668;42.468
p20=-83.221;41.598
p21=-83.424;41.327
p22=-83.891;40.743
p23=-84.424;40.174
p24=-84.711;39.903
p25=-85.318;39.395
p26=-85.780;39.073
p27=-86.154;38.836
p28=-86.950;38.436
p29=-87.462;38.250
p30=-87.720;38.161
p31=-88.470;37.997
p32=-89.205;37.934
p33=-89.930;37.969
p34=-90.647;38.106
p35=-90.938;38.204
p36=-91.360;38.354
p37=-92.071;38.726
p38=-92.436;38.982
p39=-92.785;39.256
p40=-93.319;39.781
p41=-93.506;39.997
p42=-93.946;40.596
p43=-94.239;41.095
p44=-94.415;41.429
p45=-94.760;42.279

p46=-95.000;43.126
p47=-95.006;43.147
p48=-95.155;44.035
p49=-95.213;44.943
p50=-95.175;45.874
p51=-95.036;46.830
p52=-95.000;46.972
p53=-94.778;47.813
p54=-94.383;48.825
p55=-94.102;49.370
p56=-93.814;49.872
p57=-93.144;50.803
p58=-93.015;50.956
p59=-92.144;51.837
p60=-91.839;52.087
p61=-91.116;52.618
p62=-90.068;53.202
p63=-89.877;53.278
p64=-89.015;53.609
p65=-87.965;53.855
p66=-86.932;53.950
p67=-85.927;53.893
p68=-84.961;53.684
p69=-84.287;53.415

[C4]

gain=-8
n_point=77
p1=-83.389;54.668
p2=-82.717;54.292
p3=-81.908;53.626
p4=-81.798;53.506
p5=-81.196;52.752
p6=-80.965;52.368
p7=-80.606;51.613
p8=-80.474;51.261
p9=-80.201;50.186
p10=-80.185;50.074
p11=-80.080;49.140
p12=-80.077;48.122
p13=-80.137;47.482
p14=-80.169;47.129
p15=-80.341;46.161
p16=-80.588;45.216
p17=-80.902;44.291
p18=-81.284;43.385
p19=-81.386;43.183
p20=-81.732;42.498
p21=-82.252;41.627
p22=-82.713;40.972
p23=-82.860;40.772
p24=-83.573;39.932
p25=-83.733;39.765
p26=-84.435;39.104
p27=-84.642;38.929
p28=-85.487;38.311
p29=-85.527;38.287

p30=-86.292;37.850
p31=-87.067;37.512
p32=-87.175;37.477
p33=-87.820;37.275
p34=-88.557;37.131
p35=-89.281;37.076
p36=-89.997;37.106
p37=-90.706;37.224
p38=-91.369;37.423
p39=-91.411;37.437
p40=-92.116;37.750
p41=-92.823;38.185
p42=-92.830;38.190
p43=-93.535;38.773
p44=-93.739;38.976
p45=-94.258;39.570
p46=-94.417;39.778
p47=-94.940;40.595
p48=-95.000;40.711
p49=-95.347;41.429
p50=-95.658;42.279
p51=-95.784;42.759
p52=-95.885;43.148
p53=-96.033;44.036
p54=-96.100;44.945
p55=-96.085;45.876
p56=-95.979;46.831
p57=-95.860;47.405
p58=-95.773;47.813
p59=-95.454;48.825
p60=-95.000;49.860
p61=-94.996;49.870
p62=-94.360;50.951
p63=-94.059;51.371
p64=-93.484;52.075
p65=-93.064;52.520
p66=-92.238;53.250
p67=-92.027;53.419
p68=-90.961;54.120
p69=-90.212;54.492
p70=-89.875;54.653
p71=-88.781;55.034
p72=-87.690;55.267
p73=-86.615;55.359
p74=-85.568;55.312
p75=-84.561;55.123
p76=-83.607;54.785
p77=-83.389;54.668

[C5]

gain=-10
n_point=85
p1=-83.058;55.963
p2=-82.270;55.575
p3=-81.423;54.957
p4=-81.217;54.755
p5=-80.668;54.161

p6=-80.266;53.571
p7=-80.025;53.150
p8=-79.705;52.423
p9=-79.521;51.856
p10=-79.378;51.309
p11=-79.215;50.228
p12=-79.210;50.121
p13=-79.168;49.179
p14=-79.221;48.158
p15=-79.357;47.163
p16=-79.385;47.037
p17=-79.558;46.193
p18=-79.824;45.245
p19=-80.151;44.318
p20=-80.421;43.686
p21=-80.536;43.412
p22=-80.975;42.523
p23=-81.478;41.652
p24=-81.922;40.991
p25=-82.055;40.796
p26=-82.714;39.955
p27=-82.991;39.645
p28=-83.484;39.128
p29=-83.928;38.713
p30=-84.408;38.313
p31=-84.793;38.018
p32=-85.578;37.508
p33=-85.610;37.489
p34=-86.395;37.081
p35=-87.155;36.782
p36=-87.413;36.708
p37=-87.897;36.569
p38=-88.624;36.438
p39=-89.340;36.386
p40=-90.049;36.413
p41=-90.751;36.520
p42=-91.264;36.660
p43=-91.451;36.711
p44=-92.150;36.987
p45=-92.850;37.371
p46=-92.914;37.414
p47=-93.556;37.874
p48=-93.912;38.186
p49=-94.271;38.536
p50=-94.659;38.974
p51=-95.000;39.422
p52=-95.246;39.777
p53=-95.713;40.596
p54=-95.756;40.687
p55=-96.090;41.430
p56=-96.381;42.281
p57=-96.578;43.072
p58=-96.597;43.150
p59=-96.747;44.039
p60=-96.824;44.947
p61=-96.824;45.879
p62=-96.743;46.834

p63=-96.706;47.046
p64=-96.576;47.816
p65=-96.309;48.827
p66=-95.917;49.871
p67=-95.908;49.890
p68=-95.385;50.951
p69=-95.000;51.576
p70=-94.661;52.072
p71=-94.024;52.865
p72=-93.674;53.241
p73=-92.994;53.893
p74=-92.267;54.467
p75=-91.923;54.721
p76=-90.820;55.380
p77=-89.942;55.774
p78=-89.697;55.883
p79=-88.564;56.252
p80=-87.434;56.479
p81=-86.320;56.570
p82=-85.234;56.529
p83=-84.189;56.351
p84=-83.198;56.032
p85=-83.058;55.963

[C6]

gain=-15
n_point=97
p1=-83.346;58.739
p2=-82.296;58.471
p3=-81.291;58.059
p4=-80.377;57.489
p5=-80.312;57.435
p6=-79.547;56.792
p7=-79.008;56.144
p8=-78.832;55.911
p9=-78.262;54.894
p10=-78.236;54.839
p11=-77.822;53.689
p12=-77.780;53.526
p13=-77.571;52.526
p14=-77.502;51.869
p15=-77.458;51.401
p16=-77.447;50.312
p17=-77.501;49.580
p18=-77.520;49.255
p19=-77.652;48.229
p20=-77.852;47.229
p21=-78.107;46.254
p22=-78.411;45.303
p23=-78.760;44.374
p24=-79.153;43.464
p25=-79.593;42.573
p26=-80.088;41.700
p27=-80.193;41.534
p28=-80.623;40.843
p29=-81.225;40.001
p30=-81.427;39.749

p31=-81.895;39.173
p32=-82.446;38.576
p33=-82.659;38.358
p34=-83.364;37.704
p35=-83.541;37.555
p36=-84.219;37.025
p37=-84.607;36.763
p38=-85.031;36.488
p39=-85.810;36.067
p40=-86.009;35.980
p41=-86.567;35.731
p42=-87.304;35.480
p43=-88.027;35.306
p44=-88.738;35.200
p45=-88.901;35.190
p46=-89.441;35.155
p47=-90.087;35.176
p48=-90.137;35.178
p49=-90.829;35.262
p50=-91.518;35.415
p51=-92.206;35.645
p52=-92.753;35.898
p53=-92.895;35.962
p54=-93.589;36.361
p55=-93.987;36.646
p56=-94.289;36.872
p57=-94.889;37.409
p58=-95.000;37.517
p59=-95.604;38.185
p60=-95.727;38.341
p61=-96.192;38.976
p62=-96.481;39.446
p63=-96.680;39.780
p64=-97.085;40.600
p65=-97.285;41.104
p66=-97.419;41.435
p67=-97.694;42.288
p68=-97.904;43.158
p69=-98.054;44.047
p70=-98.146;44.956
p71=-98.178;45.888
p72=-98.144;46.844
p73=-98.037;47.826
p74=-97.842;48.836
p75=-97.694;49.370
p76=-97.556;49.879
p77=-97.164;50.957
p78=-96.890;51.548
p79=-96.633;52.075
p80=-95.984;53.158
p81=-95.931;53.239
p82=-95.000;54.456
p83=-95.000;54.456
p84=-93.951;55.538
p85=-93.723;55.736
p86=-92.848;56.448
p87=-91.848;57.096

p88=-91.699;57.190
p89=-90.514;57.811
p90=-89.307;58.282
p91=-88.208;58.586
p92=-88.089;58.621
p93=-86.870;58.850
p94=-85.667;58.947
p95=-84.496;58.913
p96=-83.371;58.746
p97=-83.346;58.739

[C7]

gain=-20
n_point=145
p1=-40.865;74.791
p2=-45.594;73.129
p3=-49.132;71.915
p4=-53.794;69.680
p5=-55.736;68.372
p6=-57.475;67.018
p7=-58.786;65.830
p8=-60.138;64.416
p9=-60.773;63.704
p10=-62.160;61.854
p11=-62.172;61.838
p12=-63.416;60.134
p13=-63.953;59.137
p14=-64.288;58.580
p15=-65.073;57.126
p16=-65.350;56.467
p17=-65.722;55.760
p18=-66.360;54.461
p19=-66.747;53.485
p20=-66.874;53.228
p21=-67.495;52.035
p22=-68.058;50.892
p23=-68.567;49.791
p24=-68.986;48.832
p25=-69.038;48.728
p26=-69.580;47.693
p27=-70.103;46.687
p28=-70.616;45.710
p29=-71.125;44.757
p30=-71.633;43.827
p31=-72.135;42.933
p32=-72.144;42.919
p33=-72.746;42.025
p34=-73.316;41.152
p35=-73.856;40.298
p36=-74.373;39.461
p37=-74.379;39.452
p38=-75.003;38.635
p39=-75.561;37.826
p40=-75.849;37.422
p41=-76.171;37.030
p42=-76.793;36.246
p43=-77.045;35.938

p44=-77.473;35.473
p45=-78.093;34.768
p46=-78.150;34.712
p47=-78.918;33.959
p48=-79.038;33.845
p49=-79.748;33.217
p50=-79.919;33.070
p51=-80.647;32.483
p52=-80.755;32.401
p53=-81.553;31.833
p54=-81.662;31.758
p55=-82.319;31.363
p56=-82.822;31.040
p57=-83.071;30.905
p58=-83.799;30.525
p59=-84.143;30.329
p60=-84.515;30.171
p61=-85.214;29.884
p62=-85.793;29.625
p63=-85.907;29.589
p64=-86.582;29.407
p65=-87.250;29.244
p66=-87.913;29.104
p67=-88.569;28.992
p68=-89.221;28.918
p69=-89.353;28.912
p70=-89.867;28.896
p71=-90.384;28.902
p72=-90.510;28.906
p73=-91.151;28.967
p74=-91.790;29.063
p75=-92.429;29.185
p76=-93.069;29.328
p77=-93.710;29.492
p78=-93.897;29.550
p79=-94.353;29.756
p80=-95.000;30.037
p81=-95.409;30.221
p82=-95.651;30.374
p83=-96.309;30.764
p84=-96.537;30.902
p85=-96.975;31.234
p86=-97.494;31.594
p87=-97.650;31.723
p88=-98.337;32.266
p89=-98.370;32.294
p90=-99.039;32.900
p91=-99.148;33.003
p92=-99.758;33.596
p93=-99.878;33.722
p94=-100.499;34.383
p95=-100.556;34.451
p96=-101.141;35.191
p97=-101.276;35.357
p98=-101.657;35.940
p99=-102.106;36.593
p100=-102.168;36.701

p101=-102.562;37.473
p102=-102.993;38.258
p103=-103.037;38.341
p104=-103.329;39.055
p105=-103.656;39.866
p106=-103.996;40.693
p107=-104.210;41.219
p108=-104.313;41.535
p109=-104.564;42.393
p110=-104.798;43.269
p111=-105.015;44.164
p112=-105.212;45.081
p113=-105.391;46.019
p114=-105.556;46.982
p115=-105.708;47.972
p116=-105.848;48.992
p117=-105.919;49.613
p118=-105.937;50.043
p119=-105.960;51.128
p120=-105.984;52.254
p121=-106.004;53.424
p122=-106.002;53.492
p123=-105.852;54.641
p124=-105.755;55.920
p125=-105.735;56.108
p126=-105.484;57.262
p127=-105.323;58.363
p128=-105.231;58.686
p129=-104.883;60.206
p130=-104.818;60.491
p131=-104.403;61.846
p132=-104.208;62.510
p133=-103.821;63.640
p134=-103.498;64.496
p135=-103.047;65.644
p136=-102.659;66.437
p137=-101.943;67.951
p138=-101.678;68.384
p139=-100.487;70.267
p140=-100.190;70.768
p141=-99.040;72.123
p142=-97.324;74.435
p143=-97.089;74.756
p144=-95.000;76.839
p145=-88.599;81.103

[C8]

gain=-20
n_point=0

[C9]

gain=-20
n_point=145
p1=-75.601;71.593
p2=-74.956;71.579
p3=-73.080;71.387
p4=-71.465;71.010

p5=-70.267;70.362
p6=-69.766;69.248
p7=-69.760;69.176
p8=-68.852;68.485
p9=-68.521;67.316
p10=-68.557;66.868
p11=-68.217;66.147
p12=-68.289;64.804
p13=-68.267;64.692
p14=-68.197;63.336
p15=-68.236;62.948
p16=-68.285;61.826
p17=-68.339;61.246
p18=-68.510;60.152
p19=-68.555;59.665
p20=-68.897;58.252
p21=-68.903;58.177
p22=-69.150;56.784
p23=-69.342;56.202
p24=-69.450;55.459
p25=-69.845;54.190
p26=-70.006;53.749
p27=-70.126;52.983
p28=-70.482;51.819
p29=-70.896;50.749
p30=-70.903;50.693
p31=-71.154;49.616
p32=-71.535;48.565
p33=-71.963;47.542
p34=-72.411;46.547
p35=-72.867;45.578
p36=-73.327;44.633
p37=-73.795;43.710
p38=-74.280;42.807
p39=-74.805;41.922
p40=-75.437;41.050
p41=-75.463;41.019
p42=-75.946;40.201
p43=-76.543;39.366
p44=-76.965;38.899
p45=-77.213;38.542
p46=-77.878;37.734
p47=-78.153;37.458
p48=-78.575;36.939
p49=-79.198;36.316
p50=-79.343;36.155
p51=-80.135;35.383
p52=-80.155;35.364
p53=-80.925;34.624
p54=-81.058;34.503
p55=-81.804;33.875
p56=-81.907;33.786
p57=-82.714;33.181
p58=-82.789;33.134
p59=-83.496;32.630
p60=-83.952;32.402
p61=-84.244;32.215

p62=-84.972;31.869
p63=-85.582;31.672
p64=-85.679;31.626
p65=-86.382;31.351
p66=-87.069;31.178
p67=-87.746;31.058
p68=-88.417;30.977
p69=-88.960;30.935
p70=-89.083;30.917
p71=-89.746;30.875
p72=-90.404;30.890
p73=-90.649;30.918
p74=-91.060;30.940
p75=-91.715;31.007
p76=-92.370;31.116
p77=-93.024;31.285
p78=-93.678;31.559
p79=-93.735;31.589
p80=-94.337;31.788
p81=-95.000;32.118
p82=-95.248;32.282
p83=-95.669;32.494
p84=-96.333;32.988
p85=-96.346;32.997
p86=-97.033;33.493
p87=-97.258;33.703
p88=-97.736;34.137
p89=-98.014;34.429
p90=-98.458;34.930
p91=-98.661;35.165
p92=-99.204;35.911
p93=-99.211;35.922
p94=-99.775;36.670
p95=-100.000;37.058
p96=-100.269;37.440
p97=-100.697;38.222
p98=-100.854;38.574
p99=-101.123;39.018
p100=-101.493;39.827
p101=-101.776;40.650
p102=-101.851;40.904
p103=-102.106;41.491
p104=-102.391;42.347
p105=-102.622;43.221
p106=-102.817;44.114
p107=-102.983;45.027
p108=-103.120;45.963
p109=-103.224;46.923
p110=-103.281;47.909
p111=-103.265;48.922
p112=-103.173;49.687
p113=-103.177;49.967
p114=-103.151;51.049
p115=-103.024;52.169
p116=-102.852;52.913
p117=-102.811;53.332
p118=-102.629;54.548

p119=-102.350;55.463
p120=-102.278;55.819
p121=-101.891;57.158
p122=-101.699;57.608
p123=-101.340;58.576
p124=-100.900;59.413
p125=-100.528;60.088
p126=-99.965;60.963
p127=-99.381;61.719
p128=-98.905;62.340
p129=-97.714;63.488
p130=-97.694;63.506
p131=-96.428;64.816
p132=-95.420;65.514
p133=-95.000;65.908
p134=-93.432;67.060
p135=-91.778;67.870
p136=-91.742;67.897
p137=-89.824;69.098
p138=-87.799;69.929
p139=-85.691;70.546
p140=-83.525;71.005
p141=-83.389;71.026
p142=-81.143;71.577
p143=-78.852;71.855
p144=-76.780;71.834
p145=-75.601;71.593

[C10]

gain=-20
n_point=105
p1=-82.233;60.320
p2=-81.571;60.170
p3=-80.507;59.784
p4=-79.540;59.244
p5=-79.143;58.933
p6=-78.669;58.572
p7=-77.913;57.742
p8=-77.791;57.566
p9=-77.272;56.753
p10=-77.039;56.249
p11=-76.771;55.557
p12=-76.602;54.984
p13=-76.423;54.115
p14=-76.364;53.768
p15=-76.262;52.596
p16=-76.260;52.333
p17=-76.244;51.465
p18=-76.321;50.370
p19=-76.383;49.926
p20=-76.450;49.309
p21=-76.633;48.278
p22=-76.873;47.275
p23=-77.161;46.298
p24=-77.489;45.344
p25=-77.854;44.412
p26=-78.256;43.500

p27=-78.699;42.608
p28=-79.190;41.733
p29=-79.444;41.330
p30=-79.718;40.874
p31=-80.292;40.032
p32=-80.713;39.489
p33=-80.932;39.203
p34=-81.638;38.388
p35=-81.756;38.262
p36=-82.426;37.585
p37=-82.691;37.340
p38=-83.335;36.794
p39=-83.558;36.615
p40=-84.378;36.039
p41=-84.421;36.013
p42=-85.167;35.561
p43=-85.832;35.240
p44=-85.927;35.193
p45=-86.669;34.887
p46=-87.393;34.664
p47=-88.105;34.509
p48=-88.437;34.464
p49=-88.808;34.409
p50=-89.502;34.366
p51=-90.191;34.386
p52=-90.618;34.439
p53=-90.875;34.468
p54=-91.557;34.602
p55=-92.239;34.806
p56=-92.921;35.093
p57=-93.040;35.155
p58=-93.608;35.443
p59=-94.291;35.893
p60=-94.299;35.899
p61=-95.000;36.444
p62=-95.221;36.645
p63=-95.714;37.129
p64=-95.971;37.410
p65=-96.447;37.996
p66=-96.593;38.188
p67=-97.118;38.979
p68=-97.211;39.144
p69=-97.572;39.785
p70=-97.944;40.605
p71=-98.034;40.844
p72=-98.268;41.441
p73=-98.534;42.294
p74=-98.741;43.165
p75=-98.896;44.054
p76=-98.999;44.964
p77=-99.050;45.896
p78=-99.043;46.853
p79=-98.971;47.835
p80=-98.822;48.846
p81=-98.621;49.712
p82=-98.583;49.888
p83=-98.272;50.966

p84=-97.866;51.986
p85=-97.827;52.083
p86=-97.264;53.246
p87=-96.996;53.701
p88=-96.514;54.459
p89=-96.036;55.108
p90=-95.515;55.733
p91=-95.000;56.295
p92=-94.148;57.080
p93=-93.897;57.301
p94=-92.735;58.165
p95=-92.137;58.522
p96=-91.523;58.892
p97=-90.272;59.492
p98=-88.996;59.947
p99=-88.358;60.112
p100=-87.705;60.295
p101=-86.411;60.528
p102=-85.136;60.629
p103=-83.895;60.602
p104=-82.704;60.443
p105=-82.233;60.320