

[FormatInfo]
format_ver=1
[GeoMain]
ntc_id=1
adm=USA
sat_name=Galaxy BSS-4
long_nom=-122.90
n_diag=1
[COHeader]
beam_id=SRF
emi_rcp=R
polar_disc=C
reason=C
n_bore=2
n_cont=20
[B1]
gain=0.00
p=-42.4980;-25.0460
[B2]
gain=0.00
p=-73.5250;-32.5120
[C1]
gain=-20.00
n_point=63
P1=-57.4160;-68.6690
P2=-57.1380;-68.4270
P3=-56.6140;-67.9550
P4=-56.5170;-67.8650
P5=-56.4500;-67.8020
P6=-55.9850;-67.3560
P7=-55.9660;-67.3370
P8=-55.5320;-66.9030
P9=-55.4040;-66.7700
P10=-55.1130;-66.4640
P11=-54.8760;-66.2080
P12=-54.7100;-66.0240
P13=-54.3840;-65.6550
P14=-54.0030;-65.2080
P15=-53.9260;-65.1160
P16=-53.9100;-65.0960
P17=-53.8950;-65.0780
P18=-53.8530;-65.0260
P19=-53.5450;-64.6460
P20=-53.3280;-64.3680
P21=-53.2470;-64.2640
P22=-53.2440;-64.2600
P23=-53.1750;-64.1700
P24=-53.2400;-64.2540
P25=-53.3180;-64.3560
P26=-53.4840;-64.5690
P27=-53.6580;-64.7870
P28=-53.8720;-65.0500
P29=-54.0580;-65.2740
P30=-54.3150;-65.5760
P31=-54.3290;-65.5910
P32=-54.3330;-65.5970
P33=-54.3480;-65.6140

P34=-54.8100;-66.1360
P35=-54.9100;-66.2450
P36=-55.1200;-66.4710
P37=-55.4070;-66.7730
P38=-55.6700;-67.0430
P39=-55.8320;-67.2060
P40=-56.1880;-67.5540
P41=-56.4490;-67.8010
P42=-56.7010;-68.0350
P43=-57.0620;-68.3600
P44=-57.2800;-68.5510
P45=-57.5640;-68.7950
P46=-57.8870;-69.0640
P47=-58.2720;-69.3750
P48=-58.5320;-69.5800
P49=-58.7830;-69.7730
P50=-59.0700;-69.9890
P51=-59.1730;-70.0650
P52=-59.4350;-70.2560
P53=-59.4800;-70.2880
P54=-59.5500;-70.3380
P55=-59.5790;-70.3590
P56=-59.3610;-70.2020
P57=-59.1800;-70.0700
P58=-58.8710;-69.8400
P59=-58.6110;-69.6410
P60=-58.3770;-69.4590
P61=-58.1010;-69.2380
P62=-57.7960;-68.9890
P63=-57.4160;-68.6690

[C2]

gain=-20.00

n_point=88

P1=-50.6670;-60.3390
P2=-50.3620;-59.7860
P3=-50.2560;-59.5870
P4=-50.0700;-59.2340
P5=-49.8150;-58.7340
P6=-49.7950;-58.6940
P7=-49.7790;-58.6610
P8=-49.5410;-58.1750
P9=-49.5130;-58.1150
P10=-49.3250;-57.7170
P11=-49.2880;-57.6390
P12=-49.2450;-57.5460
P13=-49.0560;-57.1310
P14=-48.8650;-56.6970
P15=-48.8230;-56.6020
P16=-48.7820;-56.5060
P17=-48.6080;-56.0950
P18=-48.4060;-55.6040
P19=-48.3900;-55.5650
P20=-48.3770;-55.5320
P21=-48.3350;-55.4280
P22=-48.1950;-55.0730
P23=-48.0560;-54.7130
P24=-47.9970;-54.5600

P25=-47.8870;-54.2670
P26=-47.8040;-54.0430
P27=-47.7380;-53.8620
P28=-47.6120;-53.5100
P29=-47.4930;-53.1700
P30=-47.4160;-52.9470
P31=-47.2550;-52.4720
P32=-47.2260;-52.3840
P33=-47.1870;-52.2650
P34=-47.0570;-51.8660
P35=-47.0070;-51.7070
P36=-46.9480;-51.5220
P37=-46.9000;-51.3690
P38=-46.8410;-51.1800
P39=-46.7410;-50.8520
P40=-46.6510;-50.5520
P41=-46.5900;-50.3450
P42=-46.6380;-50.5060
P43=-46.6990;-50.7110
P44=-46.7750;-50.9620
P45=-46.8220;-51.1170
P46=-46.8990;-51.3660
P47=-46.9750;-51.6070
P48=-46.9820;-51.6310
P49=-47.0590;-51.8720
P50=-47.1750;-52.2290
P51=-47.2850;-52.5600
P52=-47.3530;-52.7620
P53=-47.3790;-52.8390
P54=-47.3990;-52.8970
P55=-47.5730;-53.4000
P56=-47.7280;-53.8330
P57=-47.7870;-53.9950
P58=-47.8830;-54.2550
P59=-48.0010;-54.5700
P60=-48.1190;-54.8780
P61=-48.2200;-55.1380
P62=-48.3170;-55.3840
P63=-48.4260;-55.6530
P64=-48.4280;-55.6580
P65=-48.5420;-55.9360
P66=-48.6140;-56.1100
P67=-48.6220;-56.1290
P68=-48.6950;-56.3020
P69=-48.8010;-56.5480
P70=-48.8310;-56.6180
P71=-48.9330;-56.8520
P72=-49.0080;-57.0230
P73=-49.1250;-57.2830
P74=-49.2360;-57.5270
P75=-49.2850;-57.6330
P76=-49.4710;-58.0280
P77=-49.7060;-58.5120
P78=-49.7300;-58.5610
P79=-49.7410;-58.5850
P80=-49.7720;-58.6470
P81=-49.9560;-59.0120

P82=-50.1020;-59.2960
P83=-50.2060;-59.4940
P84=-50.4250;-59.9020
P85=-50.4700;-59.9840
P86=-50.4950;-60.0290
P87=-50.5210;-60.0780
P88=-50.6670;-60.3390
[C3]
gain=-4.00
n_point=175
P1=-78.1860;-6.2080
P2=-78.0810;-5.9240
P3=-78.0730;-5.8350
P4=-77.9900;-5.6710
P5=-77.7890;-5.2900
P6=-77.6320;-4.9730
P7=-77.5490;-4.6190
P8=-77.4850;-4.4110
P9=-77.4030;-4.1090
P10=-77.5060;-3.8260
P11=-77.6000;-3.5680
P12=-77.7130;-3.2410
P13=-77.9770;-2.9050
P14=-78.1920;-2.5870
P15=-78.3430;-2.3740
P16=-78.3800;-2.2670
P17=-78.5710;-1.7400
P18=-78.9640;-1.7580
P19=-79.6590;-1.5070
P20=-78.9370;-1.2870
P21=-78.5870;-1.2460
P22=-78.4300;-0.7550
P23=-78.3450;-0.6500
P24=-77.9970;-0.2720
P25=-77.9570;-0.1920
P26=-77.8110;-0.1570
P27=-77.2090;0.0770
P28=-77.1190;0.1570
P29=-77.0210;0.2120
P30=-76.8040;0.4560
P31=-76.6200;0.7240
P32=-76.0560;1.0780
P33=-76.0770;1.2760
P34=-76.0410;1.7580
P35=-76.0640;1.9440
P36=-76.5190;2.3210
P37=-76.6540;2.5160
P38=-76.8910;2.8060
P39=-77.0010;2.8740
P40=-77.1090;2.9500
P41=-77.7190;3.2780
P42=-77.9520;3.6630
P43=-78.1020;3.8720
P44=-78.1420;4.3690
P45=-78.2000;4.5260
P46=-78.1900;4.6360
P47=-78.1410;5.2970

P48=-78.1320;5.3930
P49=-78.0990;5.5000
P50=-78.1640;6.2540
P51=-78.1610;6.2600
P52=-78.1540;6.2710
P53=-78.1100;6.6960
P54=-78.0930;7.1030
P55=-78.2750;7.1280
P56=-78.0830;7.1590
P57=-78.0390;7.1540
P58=-77.9690;7.1750
P59=-77.1390;7.5000
P60=-76.5390;7.5940
P61=-76.1780;7.3990
P62=-75.4760;7.1740
P63=-75.2420;7.1180
P64=-75.1380;7.1150
P65=-75.0100;7.1070
P66=-73.9780;6.9950
P67=-73.6130;6.9790
P68=-73.2960;7.0440
P69=-72.5620;7.2250
P70=-72.1530;7.3620
P71=-71.8880;7.4540
P72=-71.3260;7.8890
P73=-71.0500;8.1390
P74=-70.7650;8.5880
P75=-70.7640;8.5900
P76=-70.4780;9.0410
P77=-70.4030;9.4190
P78=-70.3740;9.5550
P79=-70.2920;9.9390
P80=-70.2920;10.3690
P81=-70.2990;10.4160
P82=-70.3100;10.8360
P83=-70.1800;11.1910
P84=-70.2010;11.4410
P85=-70.0800;11.7430
P86=-69.6940;12.1730
P87=-69.6600;12.2380
P88=-69.0840;12.6800
P89=-69.2560;13.1230
P90=-69.2580;13.1410
P91=-69.3710;13.5820
P92=-69.6780;13.6930
P93=-69.8710;13.8160
P94=-70.2950;13.7490
P95=-71.1850;13.5210
P96=-71.4790;13.3200
P97=-71.9500;13.0270
P98=-72.2210;12.6540
P99=-72.2810;12.5800
P100=-72.5160;12.3910
P101=-72.9470;12.0050
P102=-73.4720;11.6460
P103=-73.8320;11.4830
P104=-74.1320;11.3860

P105=-74.7720;11.0240
P106=-75.4820;10.7010
P107=-75.6770;10.5680
P108=-75.9250;10.4440
P109=-76.5300;10.1020
P110=-77.4000;9.7710
P111=-77.4520;9.7060
P112=-77.5710;9.6360
P113=-78.1240;9.1580
P114=-78.7270;8.8650
P115=-78.8130;8.6400
P116=-79.2190;8.3270
P117=-79.3780;8.0520
P118=-79.4240;7.9790
P119=-79.4190;7.8980
P120=-79.4610;7.1400
P121=-79.4600;7.1090
P122=-79.4790;7.0730
P123=-79.8370;6.4470
P124=-79.9420;6.2350
P125=-80.3560;5.8660
P126=-80.9530;5.4430
P127=-80.9980;5.3850
P128=-81.0180;5.3590
P129=-81.0530;5.3010
P130=-81.3860;4.7360
P131=-81.5290;4.4930
P132=-81.5750;4.1570
P133=-81.5970;3.9740
P134=-81.6400;3.6340
P135=-81.6010;3.3230
P136=-81.5320;3.0300
P137=-81.4910;2.7780
P138=-81.4140;2.6210
P139=-81.1920;2.3440
P140=-80.7660;2.2120
P141=-79.9990;1.9890
P142=-79.9060;1.9610
P143=-79.8430;1.9690
P144=-79.5910;1.9290
P145=-78.9370;1.7000
P146=-78.9860;1.3260
P147=-78.8470;1.0720
P148=-79.1040;0.7490
P149=-79.2030;0.5940
P150=-79.6470;0.2110
P151=-79.6770;0.0360
P152=-79.9470;-0.1080
P153=-80.1590;-0.5080
P154=-80.2630;-0.6470
P155=-80.1980;-0.8140
P156=-79.9700;-1.4770
P157=-79.9580;-1.5060
P158=-79.9520;-1.5240
P159=-79.9850;-2.3050
P160=-79.9700;-2.3640
P161=-79.9730;-2.4190

P162=-80.1450;-3.0340
P163=-80.1490;-3.2230
P164=-80.1460;-3.4280
P165=-80.1670;-3.8430
P166=-80.1590;-4.0830
P167=-80.1170;-4.3160
P168=-80.0100;-4.7560
P169=-79.9720;-4.9460
P170=-79.9210;-5.1010
P171=-79.6210;-5.6570
P172=-79.4710;-5.7250
P173=-79.1640;-5.8210
P174=-78.5820;-6.0640
P175=-78.1860;-6.2080

[C4]

gain=-8.00

n_point=53

P1=-72.1220;-6.2240
P2=-71.6840;-6.1620
P3=-70.9810;-5.9350
P4=-70.6610;-5.8480
P5=-70.4830;-5.8180
P6=-69.7820;-5.4480
P7=-69.5090;-5.0720
P8=-69.2260;-4.8860
P9=-68.8760;-4.5840
P10=-68.5260;-4.3780
P11=-68.3570;-4.2000
P12=-67.8610;-3.8420
P13=-67.5810;-3.5400
P14=-67.3480;-3.3240
P15=-67.3200;-3.2400
P16=-67.1830;-2.7580
P17=-67.0630;-2.5040
P18=-67.0440;-2.4390
P19=-67.0620;-2.3700
P20=-67.2430;-2.0590
P21=-67.4230;-1.6200
P22=-67.4690;-1.5520
P23=-67.6830;-1.3710
P24=-68.0210;-0.9930
P25=-68.6440;-0.6650
P26=-68.9090;-0.5200
P27=-69.2140;-0.4340
P28=-69.7040;-0.4260
P29=-70.5110;-0.4210
P30=-70.9890;-0.4130
P31=-71.2850;-0.5090
P32=-71.4070;-0.6610
P33=-72.0000;-1.0050
P34=-72.2870;-1.3470
P35=-72.4780;-1.5330
P36=-72.5350;-1.5820
P37=-72.6250;-1.6520
P38=-73.0210;-2.1750
P39=-73.0970;-2.4040
P40=-73.1620;-2.7280

P41=-73.2120;-2.9160
P42=-73.2690;-3.2760
P43=-73.1990;-3.6660
P44=-73.1810;-3.7650
P45=-73.1060;-4.1520
P46=-73.0430;-4.5080
P47=-72.9610;-4.7040
P48=-72.8930;-5.0300
P49=-72.8320;-5.3330
P50=-72.5390;-5.7350
P51=-72.4910;-5.9140
P52=-72.4160;-6.0550
P53=-72.1220;-6.2240
[C5]
gain=-4.00
n_point=123
P1=-42.7130;-27.5850
P2=-42.7100;-27.5550
P3=-42.7070;-27.5220
P4=-42.6540;-26.9280
P5=-42.6070;-26.3750
P6=-42.6030;-26.3270
P7=-42.5990;-26.2860
P8=-42.5830;-26.0920
P9=-42.5480;-25.6690
P10=-42.5100;-25.1990
P11=-42.4950;-25.0120
P12=-42.4640;-24.6100
P13=-42.4410;-24.3130
P14=-42.4340;-24.2220
P15=-42.4240;-24.0850
P16=-42.3830;-23.5260
P17=-42.3700;-23.3490
P18=-42.3570;-23.1620
P19=-42.3230;-22.6790
P20=-42.3120;-22.5200
P21=-42.3030;-22.3860
P22=-42.2610;-21.7720
P23=-42.2570;-21.6990
P24=-42.2530;-21.6430
P25=-42.2350;-21.3630
P26=-42.2130;-21.0180
P27=-42.2070;-20.9190
P28=-42.1940;-20.7230
P29=-42.1710;-20.3470
P30=-46.0590;-19.8580
P31=-46.8850;-19.4690
P32=-44.5840;-19.0140
P33=-44.6280;-18.9510
P34=-44.5410;-18.9370
P35=-44.4150;-18.8900
P36=-42.7880;-18.3350
P37=-42.0420;-18.0470
P38=-44.0210;-17.5040
P39=-44.4590;-17.4100
P40=-45.9480;-16.8890
P41=-47.0040;-16.4750

P42=-47.7140;-16.1940
P43=-48.4440;-15.8040
P44=-48.8330;-15.4910
P45=-48.9050;-14.9860
P46=-49.0510;-14.8120
P47=-49.4570;-14.6420
P48=-49.8810;-13.8290
P49=-49.9100;-13.8180
P50=-50.0510;-13.7870
P51=-52.3660;-13.0250
P52=-54.3670;-12.7100
P53=-55.3730;-12.5320
P54=-56.0030;-12.4640
P55=-56.0830;-12.6020
P56=-56.1050;-12.6520
P57=-56.2170;-12.7700
P58=-56.6290;-13.2360
P59=-56.9220;-13.5630
P60=-57.0720;-13.8880
P61=-57.4960;-14.3950
P62=-57.5500;-14.4810
P63=-57.5230;-14.5290
P64=-57.5130;-14.7280
P65=-57.1340;-15.3810
P66=-57.1000;-15.4450
P67=-57.0540;-15.5270
P68=-56.4470;-16.2980
P69=-56.3680;-16.4290
P70=-56.3450;-16.6240
P71=-55.9970;-17.1480
P72=-56.0710;-17.4020
P73=-56.1810;-17.8420
P74=-57.3430;-18.2380
P75=-57.3650;-18.2840
P76=-57.3890;-18.3050
P77=-57.4790;-18.3870
P78=-57.8490;-18.8910
P79=-58.5790;-19.2140
P80=-58.8630;-19.3480
P81=-59.2230;-19.4490
P82=-59.5180;-19.8900
P83=-59.7630;-20.1250
P84=-60.0460;-20.4620
P85=-60.6260;-20.8930
P86=-60.7240;-20.9830
P87=-60.7700;-21.0470
P88=-60.9200;-21.2860
P89=-61.0880;-21.5910
P90=-61.3900;-21.9950
P91=-61.4640;-22.1910
P92=-61.7440;-22.4440
P93=-62.1190;-22.7010
P94=-62.3500;-22.9280
P95=-62.6390;-23.2470
P96=-63.1860;-23.5540
P97=-63.5240;-23.6700
P98=-63.6930;-23.8420

P99=-63.8920;-24.2550
P100=-64.2470;-24.7290
P101=-64.2990;-24.8060
P102=-64.2760;-24.8320
P103=-64.2550;-24.9100
P104=-63.7370;-25.7130
P105=-63.6680;-25.8580
P106=-63.4680;-26.0600
P107=-61.8850;-26.9750
P108=-61.8300;-26.9970
P109=-61.7570;-27.0120
P110=-58.9820;-27.4560
P111=-57.9960;-27.5780
P112=-56.4810;-27.7440
P113=-55.2030;-27.8800
P114=-53.0030;-28.1050
P115=-49.9410;-28.5690
P116=-42.8680;-29.2280
P117=-42.8670;-29.2260
P118=-42.8660;-29.2100
P119=-42.8170;-28.7010
P120=-42.8040;-28.5740
P121=-42.7620;-28.1270
P122=-42.7240;-27.7040
P123=-42.7130;-27.5850
[C6]
gain=-2.00
n_point=55
P1=-74.8120;-14.1260
P2=-74.5200;-14.0550
P3=-73.8980;-13.8930
P4=-73.6060;-13.7590
P5=-73.3700;-13.6940
P6=-73.1390;-13.2340
P7=-73.0430;-13.0170
P8=-73.0870;-12.6560
P9=-73.1040;-12.4950
P10=-73.1470;-12.1130
P11=-73.3720;-11.7390
P12=-73.4630;-11.5560
P13=-73.6600;-11.2030
P14=-73.8390;-10.9610
P15=-74.1370;-10.4490
P16=-74.2370;-10.2970
P17=-74.3120;-10.2080
P18=-74.5460;-9.8910
P19=-74.9870;-9.6050
P20=-75.2110;-9.3880
P21=-75.8070;-9.1160
P22=-76.3030;-8.8410
P23=-76.8640;-8.8050
P24=-77.3090;-8.7460
P25=-77.7730;-8.7110
P26=-78.3520;-8.9310
P27=-78.6490;-9.0230
P28=-79.0760;-9.1660
P29=-79.1480;-9.2460

P30=-79.2100;-9.3010
P31=-79.4410;-9.5820
P32=-79.5640;-9.7770
P33=-80.2140;-10.1540
P34=-80.2190;-10.1600
P35=-80.2280;-10.1630
P36=-80.3700;-10.8400
P37=-80.4380;-11.0270
P38=-80.4200;-11.3200
P39=-80.3880;-11.5950
P40=-80.3690;-11.9100
P41=-80.1840;-12.1910
P42=-79.9160;-12.6350
P43=-79.8000;-12.8120
P44=-79.6980;-12.8920
P45=-79.5410;-13.0350
P46=-78.8060;-13.3100
P47=-78.0410;-13.7590
P48=-77.9630;-13.7880
P49=-77.9110;-13.8170
P50=-77.7770;-13.8450
P51=-76.7090;-13.9950
P52=-76.3570;-14.0890
P53=-75.8930;-14.1030
P54=-75.2740;-14.1130
P55=-74.8120;-14.1260
[C7]
gain=-20.00
n_point=51
P1=-43.3900;-33.9390
P2=-43.3890;-33.9310
P3=-43.3760;-33.8220
P4=-43.3620;-33.7120
P5=-43.3570;-33.6720
P6=-43.3850;-33.8920
P7=-43.4010;-34.0250
P8=-43.4320;-34.2690
P9=-43.4680;-34.5490
P10=-43.4920;-34.7370
P11=-43.5230;-34.9790
P12=-43.5220;-34.9700
P13=-43.4810;-34.6550
P14=-43.4430;-34.3530
P15=-43.4010;-34.0240
P16=-43.3660;-33.7450
P17=-43.3310;-33.4580
P18=-43.2860;-33.0820
P19=-43.2430;-32.7170
P20=-43.2150;-32.4760
P21=-43.1860;-32.2270
P22=-43.1400;-31.8190
P23=-43.0850;-31.3210
P24=-43.0710;-31.1970
P25=-43.0610;-31.1040
P26=-43.0020;-30.5510
P27=-42.9520;-30.0710
P28=-42.9450;-29.9990

P29=-42.9110;-29.6640
P30=-42.8890;-29.4410
P31=-42.8760;-29.3140
P32=-42.8600;-29.1490
P33=-42.8630;-29.1760
P34=-42.8880;-29.4290
P35=-42.9120;-29.6710
P36=-42.9470;-30.0190
P37=-42.9850;-30.3870
P38=-43.0050;-30.5770
P39=-43.0380;-30.8900
P40=-43.0580;-31.0730
P41=-43.1280;-31.7110
P42=-43.1310;-31.7360
P43=-43.1330;-31.7540
P44=-43.1370;-31.7970
P45=-43.2070;-32.4070
P46=-43.2340;-32.6380
P47=-43.2840;-33.0630
P48=-43.2950;-33.1570
P49=-43.3430;-33.5500
P50=-43.3620;-33.7060
P51=-43.3900;-33.9390
[C8]
gain=-20.00
n_point=63
P1=-92.2370;7.3500
P2=-92.0360;7.6480
P3=-91.9610;7.7890
P4=-91.5240;8.1300
P5=-91.0830;8.3540
P6=-90.9320;8.5510
P7=-90.8610;8.6550
P8=-90.6700;8.9350
P9=-90.5560;9.1700
P10=-90.1420;9.5220
P11=-90.1130;9.7410
P12=-89.9660;10.2280
P13=-89.9430;10.3850
P14=-89.9470;10.5660
P15=-89.8870;11.0560
P16=-89.8980;11.2490
P17=-89.9140;11.5230
P18=-89.8570;11.8450
P19=-89.9050;12.1160
P20=-90.2870;12.3000
P21=-90.5130;12.3900
P22=-90.9060;12.4140
P23=-91.1710;12.4240
P24=-91.5770;12.4520
P25=-92.0750;12.5220
P26=-92.1350;12.5370
P27=-92.6070;12.6230
P28=-92.9700;12.6200
P29=-93.2960;12.6190
P30=-93.6490;12.6160
P31=-94.1300;12.4110

P32=-94.3680;12.3230
P33=-94.7370;12.1790
P34=-94.8800;12.1350
P35=-95.0780;12.0160
P36=-95.4560;11.7070
P37=-95.8420;11.4320
P38=-96.0230;11.2810
P39=-96.1540;11.1390
P40=-96.2270;10.8660
P41=-96.2980;10.5880
P42=-96.3770;10.2820
P43=-96.4250;9.9300
P44=-96.4320;9.7730
P45=-96.4780;9.4300
P46=-96.5080;9.0830
P47=-96.5030;8.9090
P48=-96.5280;8.5820
P49=-96.3310;8.4440
P50=-96.1810;8.3060
P51=-95.7220;8.1870
P52=-95.6860;8.1810
P53=-95.2190;8.0280
P54=-94.9670;7.9730
P55=-94.3730;7.8790
P56=-94.2340;7.8520
P57=-94.1820;7.8100
P58=-94.0850;7.7640
P59=-93.6350;7.4550
P60=-93.2680;7.3320
P61=-92.7730;7.3400
P62=-92.7360;7.3410
P63=-92.2370;7.3500
[C9]
gain=-20.00
n_point=79
P1=-82.6170;23.1070
P2=-82.4210;23.1680
P3=-82.0210;23.3070
P4=-81.5750;23.7730
P5=-81.4840;23.8820
P6=-81.0820;24.3220
P7=-81.2350;24.7460
P8=-81.2080;24.8960
P9=-81.2180;25.2950
P10=-81.1300;25.5270
P11=-80.8390;26.0780
P12=-80.7400;26.3120
P13=-80.6140;26.5310
P14=-80.3430;27.1980
P15=-80.2550;27.3430
P16=-80.1060;27.5230
P17=-79.8670;28.3360
P18=-79.9390;28.3310
P19=-81.1640;28.0810
P20=-81.4940;28.0580
P21=-82.2230;27.8180
P22=-82.3840;28.2340

P23=-81.4910;28.4410
P24=-81.1760;28.6030
P25=-80.7910;28.6000
P26=-79.8940;28.4470
P27=-79.8000;28.4440
P28=-78.8580;29.1380
P29=-77.8150;29.4150
P30=-77.5500;29.5080
P31=-77.4790;29.5300
P32=-77.4200;29.5700
P33=-77.3710;29.6330
P34=-76.4710;30.4180
P35=-76.2410;30.7010
P36=-76.3230;30.8470
P37=-76.2530;31.2400
P38=-77.0400;31.0610
P39=-77.5230;30.9850
P40=-78.1830;30.8510
P41=-78.4930;30.6700
P42=-79.0600;30.5120
P43=-79.6870;30.0700
P44=-80.4090;29.8460
P45=-80.7220;30.0800
P46=-81.3100;30.3680
P47=-81.5020;30.3870
P48=-81.5400;30.3940
P49=-81.6090;30.4010
P50=-82.0280;30.3230
P51=-82.8990;30.0650
P52=-83.3060;29.8370
P53=-83.7610;29.2860
P54=-83.8250;29.1750
P55=-83.8040;29.1100
P56=-83.8000;28.9540
P57=-83.3120;28.6600
P58=-82.8980;28.2040
P59=-82.8870;28.1730
P60=-82.9200;28.0310
P61=-82.4730;27.6780
P62=-82.8400;27.1960
P63=-83.2100;26.9840
P64=-83.5770;26.7720
P65=-84.0520;26.3170
P66=-84.2840;26.1210
P67=-84.3090;25.8950
P68=-84.4150;25.1890
P69=-84.4220;25.1300
P70=-84.4090;25.1040
P71=-84.4100;25.0260
P72=-84.2500;24.4680
P73=-84.2890;24.1630
P74=-84.0760;23.8400
P75=-83.8680;23.2760
P76=-83.8200;23.2620
P77=-83.7600;23.2240
P78=-82.7790;23.1430
P79=-82.6170;23.1070

[C10]

gain=-4.00

n_point=75

P1=-72.7040;-15.3710
P2=-72.3860;-15.0920
P3=-72.3590;-14.8560
P4=-72.0380;-14.5080
P5=-71.8930;-14.1670
P6=-71.7750;-13.9650
P7=-71.7420;-13.8970
P8=-71.6760;-13.7360
P9=-71.6130;-13.2040
P10=-71.6190;-13.0620
P11=-71.6680;-12.8840
P12=-71.7910;-12.3640
P13=-71.8450;-12.1520
P14=-71.9610;-11.9520
P15=-72.2870;-11.3660
P16=-72.3560;-11.2380
P17=-72.4210;-11.1460
P18=-72.7190;-10.7170
P19=-72.9710;-10.4180
P20=-73.0330;-10.3270
P21=-73.1800;-10.1590
P22=-73.5610;-9.7370
P23=-73.8130;-9.4190
P24=-74.1880;-9.0980
P25=-74.8630;-8.5350
P26=-74.8860;-8.5240
P27=-74.9090;-8.5120
P28=-75.8490;-8.1400
P29=-76.5010;-7.8330
P30=-76.8160;-7.7810
P31=-77.5180;-7.5850
P32=-77.7980;-7.4560
P33=-78.0400;-7.2000
P34=-78.3700;-7.3490
P35=-78.6760;-7.5650
P36=-79.1560;-7.6750
P37=-79.3320;-7.7300
P38=-79.6950;-8.1400
P39=-79.9020;-8.4130
P40=-80.1310;-8.6600
P41=-80.4620;-8.9470
P42=-80.5620;-9.1780
P43=-80.5910;-9.2710
P44=-80.6780;-9.4770
P45=-80.8020;-9.8090
P46=-80.9580;-10.1370
P47=-81.0450;-10.4330
P48=-81.2630;-10.9240
P49=-81.2930;-11.0060
P50=-81.2910;-11.0520
P51=-81.2900;-11.3650
P52=-81.2200;-11.8600
P53=-81.2180;-11.8880
P54=-81.2080;-11.9170

P55=-81.1110;-12.1460
P56=-80.7720;-12.6390
P57=-80.6780;-12.7870
P58=-80.1320;-13.2220
P59=-80.0030;-13.3400
P60=-79.5780;-13.7100
P61=-79.4510;-13.7960
P62=-79.2940;-13.9030
P63=-78.5400;-14.2180
P64=-77.7210;-14.6690
P65=-77.6700;-14.6960
P66=-77.6180;-14.7280
P67=-77.4240;-14.7870
P68=-76.5560;-15.0250
P69=-75.9530;-15.2340
P70=-75.3180;-15.2990
P71=-74.8600;-15.3780
P72=-74.3130;-15.4420
P73=-73.7780;-15.4070
P74=-73.2170;-15.4410
P75=-72.7040;-15.3710
[C11]
gain=-20.00
n_point=65
P1=-74.7300;21.2710
P2=-74.2170;21.5750
P3=-74.1760;21.7780
P4=-74.0960;21.9330
P5=-73.4830;22.4530
P6=-73.2820;22.7900
P7=-73.1920;23.0680
P8=-72.8630;23.4790
P9=-72.7130;23.7970
P10=-72.4990;24.0920
P11=-72.1480;24.4930
P12=-71.8900;24.8320
P13=-71.3210;25.3130
P14=-71.2210;25.4080
P15=-70.5380;25.9150
P16=-70.2380;26.3600
P17=-70.1060;26.5230
P18=-69.7950;26.9760
P19=-69.6950;27.3910
P20=-69.6630;27.7510
P21=-69.6160;28.0140
P22=-69.5880;28.1340
P23=-69.6970;28.2630
P24=-69.8250;28.7400
P25=-69.7610;29.0440
P26=-70.1100;29.3260
P27=-70.2510;29.7860
P28=-70.4200;29.9010
P29=-70.5130;30.0430
P30=-70.7970;30.4480
P31=-71.1330;30.9130
P32=-71.6460;30.8010
P33=-72.6670;30.5690

P34=-73.4780;30.3900
P35=-74.2880;30.1290
P36=-74.9310;29.7360
P37=-75.4460;29.3150
P38=-75.6470;29.0360
P39=-76.0650;28.6210
P40=-76.1420;28.1260
P41=-76.1390;28.0930
P42=-76.3070;27.5800
P43=-76.3220;27.2940
P44=-76.5430;26.7450
P45=-76.5840;26.5510
P46=-76.5950;26.4490
P47=-76.8530;25.7920
P48=-76.7810;25.6440
P49=-76.7640;25.5410
P50=-76.4070;25.1140
P51=-76.2470;24.8120
P52=-76.1160;24.5890
P53=-76.1200;24.5400
P54=-76.1130;24.4210
P55=-75.8610;23.9520
P56=-75.7630;23.6290
P57=-75.9430;23.1960
P58=-75.9700;23.0270
P59=-76.1010;22.6410
P60=-75.9350;22.4820
P61=-75.7810;22.2640
P62=-75.2470;22.1000
P63=-74.7940;21.7460
P64=-74.6580;21.6660
P65=-74.7300;21.2710
[C12]
gain=-2.00
n_point=57
P1=-60.0570;-37.3000
P2=-60.1170;-37.1400
P3=-59.9010;-37.0650
P4=-60.3080;-36.6470
P5=-60.8390;-36.2610
P6=-60.7700;-35.8150
P7=-61.4440;-35.4070
P8=-62.3550;-34.8730
P9=-62.9390;-34.4790
P10=-63.5900;-34.0860
P11=-64.4510;-33.6700
P12=-65.1770;-33.1700
P13=-65.8000;-32.6800
P14=-66.1410;-32.4430
P15=-66.7370;-31.9450
P16=-67.2420;-31.4850
P17=-67.4730;-31.1480
P18=-67.8400;-30.7800
P19=-68.9400;-30.1760
P20=-70.3450;-29.7670
P21=-71.0610;-29.9690
P22=-71.1250;-29.9990

P23=-72.0130;-30.0620
P24=-72.3130;-30.2090
P25=-73.5930;-30.3480
P26=-73.6100;-30.3520
P27=-73.6140;-30.3540
P28=-73.6260;-30.3570
P29=-74.2470;-30.7820
P30=-74.8910;-30.9480
P31=-74.9810;-31.1610
P32=-75.1830;-31.3100
P33=-75.2140;-31.7660
P34=-75.5660;-32.2350
P35=-75.5270;-32.3350
P36=-75.5330;-32.3620
P37=-75.5070;-32.4300
P38=-74.9550;-33.3040
P39=-74.9200;-33.5040
P40=-74.6650;-33.8490
P41=-74.0870;-34.3940
P42=-73.8740;-34.7020
P43=-73.4560;-35.0200
P44=-72.3060;-35.6520
P45=-71.7730;-35.8030
P46=-70.5720;-36.1160
P47=-69.6950;-36.3270
P48=-69.3360;-36.4090
P49=-68.8260;-36.4830
P50=-67.1830;-36.6200
P51=-66.6190;-36.7100
P52=-65.6110;-36.8950
P53=-64.4280;-37.0590
P54=-62.9900;-37.3530
P55=-62.2380;-37.2400
P56=-60.9590;-37.3130
P57=-60.0570;-37.3000
[C13]
gain=-4.00
n_point=92
P1=-57.8380;-39.8590
P2=-57.7150;-39.7890
P3=-57.0980;-39.7530
P4=-56.2600;-39.4390
P5=-55.0070;-39.3970
P6=-55.1600;-38.9950
P7=-54.2100;-38.8060
P8=-54.3460;-38.4820
P9=-53.6940;-38.3010
P10=-54.0390;-37.8640
P11=-53.4740;-37.6670
P12=-54.2370;-37.1450
P13=-54.2030;-36.5560
P14=-54.3200;-36.4490
P15=-54.2750;-36.4040
P16=-54.5650;-36.2450
P17=-56.6040;-35.2750
P18=-56.8170;-35.0120
P19=-57.8330;-34.5960

P20=-60.6290;-33.5770
P21=-60.7040;-33.5410
P22=-60.8830;-33.4750
P23=-63.0590;-32.4560
P24=-63.5080;-32.2010
P25=-63.7630;-31.9620
P26=-64.6190;-31.1280
P27=-64.7270;-31.0160
P28=-64.8030;-30.9350
P29=-64.9040;-30.7190
P30=-65.2750;-30.0840
P31=-65.4400;-29.8910
P32=-65.6870;-29.6440
P33=-66.6160;-28.9240
P34=-66.7650;-28.7410
P35=-67.0680;-28.5930
P36=-67.4270;-28.5040
P37=-67.8530;-28.4740
P38=-69.1620;-28.2750
P39=-69.7810;-28.2330
P40=-70.1290;-28.2960
P41=-71.1630;-28.4350
P42=-71.3680;-28.4930
P43=-71.4960;-28.4970
P44=-71.8980;-28.7040
P45=-72.1680;-28.8610
P46=-72.8760;-29.0640
P47=-73.0400;-29.1920
P48=-73.3920;-29.3220
P49=-73.7970;-29.5660
P50=-74.1870;-29.6550
P51=-74.5860;-29.9220
P52=-75.3660;-30.1180
P53=-75.5150;-30.1700
P54=-75.5320;-30.1990
P55=-75.5710;-30.2210
P56=-75.7100;-30.4830
P57=-75.8360;-30.7700
P58=-76.2730;-31.0970
P59=-76.4040;-31.2030
P60=-76.4010;-31.2180
P61=-76.4040;-31.2230
P62=-76.4020;-31.2390
P63=-76.1110;-32.0660
P64=-76.1610;-32.3160
P65=-75.9620;-32.8480
P66=-75.9680;-32.9740
P67=-75.9000;-33.4290
P68=-75.7360;-33.6640
P69=-75.5190;-34.3060
P70=-75.3570;-34.5480
P71=-75.3570;-34.5840
P72=-75.3100;-34.6620
P73=-74.2740;-35.7340
P74=-74.2430;-35.8090
P75=-74.1400;-35.9270
P76=-73.3040;-36.5540

P77=-72.6150;-36.9610
P78=-72.1290;-37.1470
P79=-70.8870;-37.8170
P80=-70.7950;-37.8700
P81=-69.1150;-38.6060
P82=-68.7200;-38.7890
P83=-68.0170;-39.0830
P84=-67.4110;-39.0750
P85=-66.0750;-39.3370
P86=-65.0060;-39.4000
P87=-64.4970;-39.3240
P88=-62.7230;-39.5390
P89=-61.8830;-39.5510
P90=-61.4100;-39.5330
P91=-58.5670;-39.8280
P92=-57.8380;-39.8590
[C14]
gain=-8.00
n_point=224
P1=-64.1020;-19.9200
P2=-64.1430;-19.9130
P3=-64.1710;-19.8980
P4=-64.1940;-19.8740
P5=-65.3400;-19.1420
P6=-65.5650;-18.8710
P7=-65.6530;-18.6320
P8=-65.8720;-18.0640
P9=-65.9260;-17.9050
P10=-65.9710;-17.7860
P11=-65.9550;-17.4060
P12=-65.7320;-17.1420
P13=-65.7710;-16.9700
P14=-65.7630;-16.6860
P15=-65.9090;-16.3400
P16=-65.7250;-16.0350
P17=-66.2410;-15.6730
P18=-67.1550;-15.4040
P19=-67.5700;-15.1640
P20=-67.8130;-15.0240
P21=-68.3050;-14.6540
P22=-68.5400;-14.5030
P23=-68.9800;-14.0620
P24=-69.1250;-13.6600
P25=-69.1350;-13.5560
P26=-69.2860;-13.1380
P27=-69.4140;-12.6790
P28=-69.4140;-12.6780
P29=-69.5320;-12.2210
P30=-69.7760;-11.7650
P31=-69.7830;-11.7560
P32=-70.0360;-11.3030
P33=-70.2950;-10.9670
P34=-70.8810;-10.4900
P35=-70.9870;-10.3790
P36=-71.0340;-10.3200
P37=-71.1690;-10.2420
P38=-71.6000;-9.5970

P39=-71.6980;-9.4680
P40=-71.8920;-9.2350
P41=-72.1150;-8.8650
P42=-72.4280;-8.5630
P43=-72.7190;-8.2050
P44=-73.4480;-7.8160
P45=-73.5780;-7.7170
P46=-73.6950;-7.6540
P47=-74.2360;-7.2660
P48=-74.3250;-7.1830
P49=-74.4460;-7.1560
P50=-75.1770;-6.9080
P51=-75.3250;-6.8250
P52=-75.4310;-6.7460
P53=-75.5240;-6.5750
P54=-75.8330;-6.1800
P55=-75.9620;-5.8640
P56=-75.9500;-5.5360
P57=-75.9820;-5.3240
P58=-75.9760;-4.9930
P59=-75.9420;-4.7280
P60=-75.8660;-4.3180
P61=-75.8350;-4.1240
P62=-75.8550;-3.9580
P63=-75.8470;-3.3870
P64=-75.8610;-3.2550
P65=-75.9420;-3.0820
P66=-76.1110;-2.6420
P67=-76.2370;-2.3860
P68=-76.2990;-2.0390
P69=-76.3160;-1.8710
P70=-76.3790;-1.5190
P71=-76.1830;-1.2590
P72=-75.7520;-0.8320
P73=-75.5710;-0.7610
P74=-75.4120;-0.6550
P75=-74.7670;-0.3620
P76=-74.2480;-0.0100
P77=-73.9180;0.0280
P78=-73.6730;0.2130
P79=-73.2300;0.5230
P80=-73.0290;0.8830
P81=-72.8560;1.0860
P82=-72.8410;1.1920
P83=-72.7260;1.9000
P84=-72.7160;1.9600
P85=-72.8000;2.0640
P86=-73.1360;2.5280
P87=-73.4030;2.8290
P88=-73.6720;3.0800
P89=-74.0990;3.3980
P90=-74.2580;3.5950
P91=-74.3360;3.6940
P92=-74.4410;3.9130
P93=-74.5190;4.2790
P94=-74.7370;4.5620
P95=-74.4630;4.8580

P96=-73.9100;5.1130
P97=-73.4830;5.2230
P98=-72.3760;5.4040
P99=-72.2560;5.4280
P100=-72.1750;5.4260
P101=-71.9580;5.4720
P102=-70.8360;5.6480
P103=-70.4920;5.8020
P104=-69.6890;6.0080
P105=-69.2620;6.3960
P106=-68.9530;6.6090
P107=-68.7290;7.1370
P108=-68.5860;7.2970
P109=-68.5140;7.3820
P110=-68.1660;8.1810
P111=-68.1530;8.1980
P112=-68.1470;8.2110
P113=-67.9960;8.6500
P114=-67.7750;9.0570
P115=-67.7150;9.1050
P116=-67.3270;9.3250
P117=-66.8510;9.6490
P118=-66.1400;9.8070
P119=-65.5200;9.9790
P120=-65.2060;9.3870
P121=-65.2220;9.1630
P122=-65.1920;8.8580
P123=-65.1470;8.6200
P124=-65.1160;8.2630
P125=-65.0430;7.8640
P126=-64.9710;7.7180
P127=-64.8590;7.3680
P128=-64.7570;7.1700
P129=-64.3310;6.9280
P130=-64.0690;6.6200
P131=-63.9950;6.4840
P132=-63.8520;6.2220
P133=-63.7150;5.9350
P134=-63.4910;5.5930
P135=-63.4180;5.2200
P136=-63.2620;4.9930
P137=-63.1500;4.6990
P138=-63.1080;4.5000
P139=-62.6600;4.0400
P140=-62.4690;3.8890
P141=-62.3500;3.8100
P142=-62.1820;3.6100
P143=-61.8360;3.2610
P144=-61.5780;2.9180
P145=-61.6390;2.4700
P146=-61.6400;2.4660
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P148=-61.8440;1.6110
P149=-61.8780;1.5160
P150=-62.0160;1.1190
P151=-62.1370;0.8020
P152=-62.2710;0.4920

P153=-62.3700;0.2220
P154=-62.4260;0.0060
P155=-62.4770;-0.4800
P156=-62.5170;-0.6740
P157=-62.5000;-0.8560
P158=-62.3360;-1.3380
P159=-62.3090;-1.5710
P160=-62.2540;-1.8220
P161=-62.0970;-2.1750
P162=-62.0290;-2.4700
P163=-62.0340;-2.7640
P164=-61.9600;-3.0630
P165=-61.9500;-3.3690
P166=-61.9970;-3.6300
P167=-61.9490;-4.0140
P168=-61.9720;-4.2690
P169=-61.9970;-4.4740
P170=-61.9590;-4.9910
P171=-61.9680;-5.1700
P172=-61.9590;-5.3210
P173=-61.9490;-5.9790
P174=-61.9410;-6.0730
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P177=-61.8340;-6.9790
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P179=-61.3720;-7.8060
P180=-61.2160;-7.8990
P181=-61.1250;-8.0450
P182=-60.8970;-8.6830
P183=-60.7980;-8.8190
P184=-60.9790;-8.8900
P185=-61.1580;-8.9830
P186=-61.8750;-9.3910
P187=-62.1960;-9.6980
P188=-62.4740;-9.9770
P189=-62.6800;-10.4730
P190=-62.7560;-10.5970
P191=-62.7550;-10.6620
P192=-62.4980;-11.5160
P193=-62.4960;-11.5250
P194=-62.4740;-11.5870
P195=-62.4420;-12.3120
P196=-62.3320;-12.4470
P197=-62.3200;-12.5920
P198=-62.4990;-13.0560
P199=-62.4110;-13.3690
P200=-62.4940;-13.8150
P201=-62.4930;-13.8540
P202=-62.5260;-14.2940
P203=-62.5050;-14.5650
P204=-62.4480;-15.0630
P205=-62.4280;-15.2320
P206=-62.3770;-15.3550
P207=-61.7990;-16.0460
P208=-61.7150;-16.2010
P209=-61.7310;-16.3050

P210=-61.6120;-16.8360
P211=-61.8220;-17.0150
P212=-61.6790;-17.1490
P213=-61.9970;-17.4540
P214=-62.2300;-17.6190
P215=-62.2370;-18.0750
P216=-62.4000;-18.2960
P217=-62.6540;-18.7210
P218=-63.2960;-18.7300
P219=-63.4110;-18.9750
P220=-63.9730;-19.2270
P221=-64.0750;-19.8770
P222=-64.0890;-19.9020
P223=-64.0950;-19.9080
P224=-64.1020;-19.9200
[C15]
gain=-15.00
n_point=144
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P2=-42.0590;13.9892
P3=-43.2000;14.3025
P4=-44.6553;14.3566
P5=-46.0757;14.5640
P6=-47.4566;14.8009
P7=-48.7947;14.9762
P8=-50.1406;15.0759
P9=-51.6592;15.0546
P10=-53.1984;15.0346
P11=-54.2802;15.3800
P12=-54.7270;15.9941
P13=-53.9168;16.3727
P14=-52.1479;16.5394
P15=-50.6939;16.7715
P16=-49.4796;17.0792
P17=-48.1298;17.4352
P18=-46.6921;17.8145
P19=-45.3051;18.1599
P20=-44.2340;18.4768
P21=-44.4873;18.7955
P22=-45.9803;19.1008
P23=-47.5070;19.2738
P24=-48.8536;19.2954
P25=-50.1913;19.2686
P26=-51.6115;19.2485
P27=-53.0459;19.1992
P28=-54.4585;19.1019
P29=-55.8456;18.9385
P30=-57.2008;18.6788
P31=-58.5917;18.4069
P32=-60.0587;18.1767
P33=-61.0816;17.5524
P34=-61.4064;16.3347
P35=-62.1462;15.6287
P36=-63.5865;15.7253
P37=-65.0388;16.0391
P38=-66.3165;16.4131
P39=-67.5678;16.9835

P40=-68.8337;17.6820
P41=-70.1724;18.0846
P42=-71.5677;18.1244
P43=-72.8373;17.6771
P44=-73.9616;16.7756
P45=-75.1120;15.9454
P46=-76.3122;15.2674
P47=-77.4515;14.4521
P48=-78.5392;13.5138
P49=-79.7415;12.8305
P50=-81.0775;12.4451
P51=-82.4471;12.1293
P52=-83.8080;11.7924
P53=-84.9493;11.1029
P54=-85.7806;9.9189
P55=-86.1090;8.5137
P56=-85.6905;7.2322
P57=-85.1312;5.9911
P58=-85.3914;4.6554
P59=-85.6807;3.2834
P60=-85.5576;1.9082
P61=-85.1996;0.5463
P62=-84.8912;-0.7791
P63=-84.9494;-2.1693
P64=-85.4660;-3.5384
P65=-86.2294;-4.4848
P66=-86.9939;-5.2015
P67=-87.3053;-6.1152
P68=-87.4847;-7.1443
P69=-88.3685;-8.0561
P70=-89.3083;-8.8368
P71=-88.9016;-9.4817
P72=-87.3738;-9.8523
P73=-86.0808;-9.2457
P74=-85.0875;-8.2279
P75=-84.0601;-8.5776
P76=-83.1664;-9.9268
P77=-82.8029;-11.2855
P78=-82.8288;-12.6427
P79=-82.7366;-14.0698
P80=-82.4017;-15.4546
P81=-81.6712;-16.5836
P82=-80.6311;-17.5170
P83=-79.9884;-18.7671
P84=-79.6691;-20.2549
P85=-78.9367;-21.3654
P86=-77.8008;-22.1178
P87=-76.7092;-22.9636
P88=-75.7462;-23.9873
P89=-75.3283;-25.0037
P90=-75.9411;-25.7968
P91=-77.1239;-26.0287
P92=-77.9017;-24.9854
P93=-78.6402;-23.7002
P94=-79.8767;-23.6021
P95=-81.1636;-24.4037
P96=-80.9874;-25.1132

P97=-79.3618;-25.6718
P98=-77.9700;-26.3477
P99=-77.3124;-27.2211
P100=-77.3355;-28.3206
P101=-77.9478;-29.6356
P102=-78.4069;-30.8032
P103=-78.5067;-31.7519
P104=-78.4198;-32.8195
P105=-78.2020;-34.0741
P106=-78.2784;-35.2623
P107=-78.8316;-36.2749
P108=-79.5288;-37.3011
P109=-80.1673;-38.4530
P110=-80.4837;-39.7271
P111=-80.4019;-41.1049
P112=-80.5136;-42.4466
P113=-80.9432;-43.7228
P114=-81.2256;-45.0382
P115=-81.1108;-46.4491
P116=-81.1348;-47.8083
P117=-81.7129;-49.0019
P118=-82.3416;-50.1396
P119=-82.2274;-51.3945
P120=-81.5196;-52.6585
P121=-80.5793;-53.6818
P122=-79.4555;-54.4905
P123=-78.2521;-55.1914
P124=-76.9762;-55.7914
P125=-75.6653;-56.3305
P126=-74.3500;-56.8411
P127=-73.0304;-57.3231
P128=-71.7027;-57.7770
P129=-70.3632;-58.2030
P130=-69.0119;-58.6011
P131=-67.6505;-58.9725
P132=-66.2859;-59.3225
P133=-64.9188;-59.6515
P134=-63.5492;-59.9595
P135=-62.1759;-60.2553
P136=-60.7982;-60.5450
P137=-59.4159;-60.8288
P138=-58.0291;-61.1057
P139=-56.6396;-61.3549
P140=-55.2481;-61.5681
P141=-53.8545;-61.7451
P142=-52.4655;-61.8739
P143=-51.3758;-61.5295
P144=-41.8278;13.2320
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n_point=105
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P2=-41.7723;7.6072
P3=-42.5913;8.3866
P4=-44.1377;8.4710
P5=-45.6819;8.5428
P6=-47.0959;8.7463

P7=-48.4649;9.0660
P8=-49.9107;9.4336
P9=-51.4713;9.8308
P10=-52.2087;10.8411
P11=-52.5150;12.1238
P12=-53.6910;12.6886
P13=-55.0965;13.0548
P14=-56.5712;13.2676
P15=-58.0348;13.3002
P16=-59.4970;13.2692
P17=-60.9650;13.2531
P18=-62.4418;13.3766
P19=-63.7838;13.8976
P20=-65.0392;14.6542
P21=-66.3491;15.2923
P22=-67.7080;15.8241
P23=-69.1147;16.2263
P24=-70.5670;16.4385
P25=-71.9953;16.2382
P26=-73.3499;15.6459
P27=-74.5884;14.8687
P28=-75.6924;13.8944
P29=-76.8479;13.0031
P30=-78.1616;12.3561
P31=-79.4992;11.7674
P32=-80.8922;11.3502
P33=-82.3741;11.1932
P34=-83.7452;10.7279
P35=-84.6556;9.6728
P36=-84.7165;8.2185
P37=-83.6512;7.1660
P38=-83.6384;5.8710
P39=-83.9449;4.4249
P40=-83.9462;2.9775
P41=-83.8604;1.5298
P42=-83.7461;0.0802
P43=-83.6599;-1.3719
P44=-83.6806;-2.8327
P45=-83.8756;-4.3393
P46=-83.7281;-5.7500
P47=-83.2104;-7.0611
P48=-82.4962;-8.3287
P49=-82.1708;-9.7005
P50=-82.3399;-11.2139
P51=-82.0226;-12.6437
P52=-81.2609;-13.8572
P53=-80.1908;-14.8828
P54=-79.1452;-15.9116
P55=-78.8145;-17.2511
P56=-78.5301;-18.6975
P57=-77.8996;-20.0649
P58=-77.0521;-21.1738
P59=-75.8808;-21.9581
P60=-74.2675;-22.3743
P61=-73.4426;-23.1354
P62=-73.7807;-24.4811
P63=-74.0484;-25.8483

P64=-74.5394;-27.0631
P65=-75.6309;-28.0871
P66=-76.6828;-29.1289
P67=-77.4267;-30.2806
P68=-77.5613;-31.6573
P69=-77.3998;-33.1038
P70=-77.2349;-34.4898
P71=-77.0224;-35.9234
P72=-77.1252;-37.3344
P73=-77.6497;-38.6830
P74=-77.8150;-40.0871
P75=-78.1871;-41.3472
P76=-78.8125;-42.5060
P77=-79.1450;-43.8623
P78=-79.2977;-45.2809
P79=-79.2749;-46.6905
P80=-78.8370;-48.1321
P81=-79.0311;-49.4196
P82=-79.4709;-50.6389
P83=-79.4479;-51.8502
P84=-78.5282;-52.9030
P85=-77.2519;-53.7866
P86=-75.9769;-54.5003
P87=-74.6790;-55.0951
P88=-73.3251;-55.6405
P89=-71.9222;-56.1367
P90=-70.5116;-56.5829
P91=-69.0997;-56.9787
P92=-67.6852;-57.3322
P93=-66.2609;-57.6812
P94=-64.8260;-58.0309
P95=-63.3820;-58.3787
P96=-61.9441;-58.7005
P97=-60.5163;-58.9902
P98=-59.0984;-59.2480
P99=-57.6617;-59.4899
P100=-56.1793;-59.7309
P101=-54.6528;-59.9685
P102=-53.1755;-60.0451
P103=-51.8021;-59.8677
P104=-50.5328;-59.4363
P105=-41.6502;6.7578
[C17]
gain=-6.00
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P3=-42.2674;2.6209
P4=-43.5885;2.8524
P5=-45.1489;2.8560
P6=-46.5872;2.9519
P7=-47.9252;3.1231
P8=-49.2984;3.2613
P9=-50.7296;3.3482
P10=-52.1589;3.4100
P11=-53.5493;3.4629
P12=-54.9305;3.4375

P13=-56.3483;3.2264
P14=-57.7055;2.7699
P15=-58.5229;1.7811
P16=-58.8496;0.3574
P17=-59.0833;-1.0240
P18=-59.3808;-2.3609
P19=-59.9150;-3.7091
P20=-60.2972;-5.0394
P21=-60.0690;-6.3116
P22=-59.1212;-7.2713
P23=-57.4385;-7.7974
P24=-56.1878;-8.2904
P25=-55.8940;-8.9298
P26=-56.4468;-9.5380
P27=-57.7558;-9.9702
P28=-59.3087;-10.4687
P29=-60.0251;-11.5450
P30=-60.0378;-13.0163
P31=-59.7340;-14.4230
P32=-59.3110;-15.7522
P33=-59.5361;-17.0260
P34=-60.2372;-18.2026
P35=-61.1106;-19.2295
P36=-62.1151;-20.1876
P37=-63.1852;-21.2084
P38=-64.2991;-22.0454
P39=-65.4038;-22.0563
P40=-66.4553;-21.2472
P41=-67.0470;-20.0023
P42=-67.1990;-18.4948
P43=-67.8511;-17.2909
P44=-68.9308;-16.3556
P45=-69.7603;-15.3020
P46=-70.3323;-14.1170
P47=-70.8431;-12.8458
P48=-71.3473;-11.5131
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P50=-72.8712;-9.2338
P51=-73.9885;-8.3506
P52=-75.3900;-7.6518
P53=-76.4714;-6.8492
P54=-76.5535;-5.6138
P55=-76.6190;-4.2057
P56=-77.1308;-2.7658
P57=-77.1387;-1.5457
P58=-76.2974;-0.6214
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P60=-74.6299;1.4866
P61=-74.6285;2.6314
P62=-75.9488;3.6759
P63=-76.7761;4.6851
P64=-76.2554;5.6211
P65=-75.1407;6.0772
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P69=-69.9180;7.8743

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P76=-69.3080;14.9935
P77=-70.8246;15.0092
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P80=-74.2472;12.8527
P81=-75.2287;11.8280
P82=-76.3672;11.0291
P83=-77.7048;10.5249
P84=-79.0079;9.9485
P85=-80.1860;9.1777
P86=-80.9611;8.1605
P87=-81.2409;6.8821
P88=-81.6058;5.5509
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P90=-82.5423;3.0116
P91=-81.8812;1.7394
P92=-81.5851;0.4748
P93=-81.6850;-0.7851
P94=-81.6154;-2.0943
P95=-81.2223;-3.4674
P96=-80.8626;-4.8675
P97=-80.6857;-6.2611
P98=-80.8042;-7.5948
P99=-81.1330;-8.9340
P100=-81.5794;-10.3434
P101=-81.6542;-11.6934
P102=-81.0365;-12.8988
P103=-80.0140;-13.9217
P104=-78.8654;-14.7256
P105=-77.6207;-15.3701
P106=-76.3151;-15.9250
P107=-75.0344;-16.5154
P108=-73.8778;-17.2858
P109=-72.9122;-18.2662
P110=-72.3824;-19.5659
P111=-71.8087;-20.8683
P112=-70.8255;-21.9165
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P114=-68.3572;-22.9890
P115=-67.1511;-23.4959
P116=-66.3035;-24.7801
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P118=-66.7425;-26.9435
P119=-68.0609;-27.1734
P120=-69.4586;-27.2497
P121=-70.8887;-27.2741
P122=-72.2259;-27.6011
P123=-73.4591;-28.2616
P124=-74.6493;-29.0495
P125=-75.8321;-29.8441
P126=-76.6863;-30.7963

P127=-76.7923;-32.1033
P128=-76.4363;-33.5385
P129=-75.9474;-34.8418
P130=-75.3588;-36.0758
P131=-74.7068;-37.3109
P132=-73.9668;-38.5142
P133=-73.0384;-39.5525
P134=-71.9145;-40.4118
P135=-70.6844;-41.0929
P136=-69.3861;-41.5964
P137=-68.0219;-41.9274
P138=-66.6297;-42.1741
P139=-65.2232;-42.3678
P140=-63.8026;-42.5080
P141=-62.4043;-42.5065
P142=-61.0532;-42.3031
P143=-59.7493;-41.8979
P144=-41.5900;0.8866
[C18]
gain=-20.00
n_point=177
P1=-42.1626;20.1902
P2=-42.8794;20.8788
P3=-44.2773;20.9185
P4=-45.7160;20.8668
P5=-47.1011;20.8157
P6=-48.4671;20.7611
P7=-49.8530;20.6984
P8=-51.2557;20.6255
P9=-52.6474;20.5227
P10=-54.0218;20.3854
P11=-55.3929;20.2225
P12=-56.7834;20.0477
P13=-58.1778;19.8479
P14=-59.5248;19.5792
P15=-60.8377;19.2728
P16=-62.2447;19.1836
P17=-63.7720;19.3631
P18=-64.8917;19.8304
P19=-64.9336;20.6097
P20=-64.0503;21.5822
P21=-62.7267;22.3759
P22=-61.1188;22.9827
P23=-60.4987;23.5981
P24=-61.1954;24.2701
P25=-62.4558;24.7121
P26=-63.8205;24.7492
P27=-65.2503;24.4240
P28=-66.5834;23.9128
P29=-67.7756;23.2290
P30=-68.5359;22.3132
P31=-68.7849;21.1492
P32=-69.1691;20.2382
P33=-70.5349;20.2353
P34=-72.1084;20.4199
P35=-73.3564;20.2965
P36=-74.2864;19.8781

P37=-74.9186;19.2013
P38=-75.3231;18.3274
P39=-76.1726;17.8363
P40=-77.5765;17.8048
P41=-79.1133;17.7493
P42=-80.6995;17.5780
P43=-82.0451;17.2659
P44=-82.9672;16.7971
P45=-83.3310;16.1989
P46=-82.5089;15.5970
P47=-80.6952;14.9985
P48=-79.6337;14.3468
P49=-79.6039;13.6620
P50=-80.3788;13.1780
P51=-81.8720;12.9253
P52=-83.3692;12.5682
P53=-84.6032;11.9811
P54=-85.5913;11.1506
P55=-86.3659;10.0523
P56=-86.8694;8.7332
P57=-86.8352;7.4114
P58=-86.2665;6.1176
P59=-86.1179;4.9430
P60=-86.8113;3.9279
P61=-88.0426;3.1689
P62=-89.0737;2.9001
P63=-90.0348;2.8476
P64=-91.3104;2.3415
P65=-92.6128;1.4805
P66=-92.6759;0.7934
P67=-91.4092;0.3500
P68=-89.9687;0.4263
P69=-88.8436;1.1391
P70=-87.9034;1.9039
P71=-86.9353;1.7680
P72=-86.0760;0.9210
P73=-85.7004;-0.0926
P74=-85.8365;-1.1703
P75=-86.5216;-1.9567
P76=-87.7609;-2.4041
P77=-89.2509;-2.7442
P78=-90.4819;-3.3664
P79=-91.4217;-4.2717
P80=-91.7174;-5.3841
P81=-91.2593;-6.6774
P82=-90.7239;-8.0301
P83=-90.5602;-9.3616
P84=-90.7489;-10.6763
P85=-90.8760;-12.0697
P86=-90.7559;-13.5432
P87=-90.1991;-14.7107
P88=-89.2236;-15.5438
P89=-88.1942;-16.4367
P90=-87.1668;-17.3961
P91=-86.1631;-17.9782
P92=-85.1880;-18.0806
P93=-84.2058;-17.9094

P94=-83.1442;-17.8821
P95=-82.0268;-18.0681
P96=-81.0526;-18.9097
P97=-80.2762;-20.4721
P98=-80.1597;-21.7327
P99=-80.9352;-22.1777
P100=-82.1866;-22.1742
P101=-83.2957;-22.2683
P102=-84.2235;-22.7376
P103=-84.9282;-23.9277
P104=-85.3406;-25.6214
P105=-85.0730;-26.5918
P106=-84.0764;-26.6647
P107=-82.7798;-26.4777
P108=-81.4019;-26.3558
P109=-79.9483;-26.3047
P110=-78.8342;-26.7228
P111=-78.3164;-27.8568
P112=-78.3659;-29.4062
P113=-78.8451;-29.9390
P114=-79.7291;-29.2994
P115=-80.7337;-28.6814
P116=-81.7124;-28.7002
P117=-82.6372;-29.3349
P118=-83.1464;-30.3180
P119=-83.1298;-31.5678
P120=-82.5533;-32.8669
P121=-81.3537;-33.8095
P122=-79.7251;-34.4248
P123=-79.1166;-34.9975
P124=-79.7937;-35.5890
P125=-80.6737;-36.3410
P126=-81.2054;-37.3255
P127=-81.4294;-38.5125
P128=-81.5440;-39.7542
P129=-81.5760;-41.0305
P130=-81.7267;-42.2557
P131=-82.2500;-43.3213
P132=-83.0850;-44.1431
P133=-83.8614;-44.2164
P134=-84.5207;-43.4666
P135=-85.3244;-42.6729
P136=-86.4368;-42.3257
P137=-87.7519;-42.4422
P138=-88.4142;-43.1619
P139=-88.2376;-44.5153
P140=-87.5150;-45.9423
P141=-86.6530;-46.6671
P142=-85.6541;-46.6847
P143=-84.6414;-46.2922
P144=-83.8819;-46.1335
P145=-83.3849;-46.2312
P146=-83.1706;-46.6560
P147=-83.2547;-47.4631
P148=-83.6367;-48.6520
P149=-83.8947;-49.9890
P150=-83.6656;-51.2671

P151=-83.1364;-52.4619
P152=-82.3846;-53.5630
P153=-81.4502;-54.5424
P154=-80.3673;-55.3758
P155=-79.1410;-56.0667
P156=-77.8707;-56.6808
P157=-76.5947;-57.2434
P158=-75.3129;-57.7545
P159=-74.0216;-58.2268
P160=-72.7127;-58.6871
P161=-71.3860;-59.1366
P162=-70.0427;-59.5728
P163=-68.6994;-59.9708
P164=-67.3607;-60.3232
P165=-66.0266;-60.6301
P166=-64.6963;-60.8938
P167=-63.3521;-61.1655
P168=-61.9865;-61.4665
P169=-60.5996;-61.7969
P170=-59.1915;-62.1566
P171=-57.7743;-62.5155
P172=-56.4032;-62.7387
P173=-55.0848;-62.8099
P174=-53.8192;-62.7291
P175=-52.6064;-62.4962
P176=-51.7032;-62.0503
P177=-42.1626;20.1902

[C19]

gain=-8.00

n_point=108

P1=-41.6064;3.6219
P2=-41.7559;4.2030
P3=-42.8483;4.7722
P4=-44.3684;4.8485
P5=-45.9298;5.0027
P6=-47.3204;5.5468
P7=-48.6980;6.1270
P8=-50.0939;6.6744
P9=-51.5272;7.1487
P10=-52.9600;7.6237
P11=-54.3082;8.2636
P12=-55.5525;9.0912
P13=-56.6638;10.1331
P14=-57.8882;10.9223
P15=-59.3372;11.2452
P16=-60.9022;11.2941
P17=-62.4639;11.2774
P18=-63.7761;11.6236
P19=-64.7484;12.4677
P20=-65.4063;13.8215
P21=-66.5497;14.7582
P22=-68.0208;15.3118
P23=-69.4609;15.6884
P24=-70.9379;15.7378
P25=-72.4414;15.4068
P26=-73.7216;14.6375
P27=-74.8456;13.6277

P28=-75.9125;12.5386
P29=-77.1063;11.6436
P30=-78.4403;10.9547
P31=-79.8937;10.5199
P32=-81.4515;10.3824
P33=-82.8275;9.9618
P34=-83.6347;8.9258
P35=-82.5399;7.7639
P36=-82.0801;6.5568
P37=-82.8185;5.2658
P38=-83.2254;3.8489
P39=-83.1891;2.3828
P40=-82.8255;0.8962
P41=-82.8216;-0.5790
P42=-82.8296;-2.0669
P43=-82.6068;-3.5769
P44=-82.3318;-5.0592
P45=-82.0083;-6.5314
P46=-81.7001;-8.0093
P47=-81.8591;-9.4862
P48=-81.9876;-11.0020
P49=-81.7253;-12.5054
P50=-80.8700;-13.6928
P51=-79.6915;-14.6651
P52=-78.4742;-15.5548
P53=-77.3358;-16.5196
P54=-76.2699;-17.5576
P55=-74.9428;-18.2529
P56=-73.7928;-19.1015
P57=-73.1004;-20.4352
P58=-72.3569;-21.8378
P59=-71.6254;-23.1552
P60=-72.1297;-24.2995
P61=-72.8218;-25.5147
P62=-73.2685;-26.8254
P63=-74.2485;-27.8992
P64=-75.4992;-28.8118
P65=-76.6846;-29.7045
P66=-77.2200;-30.9770
P67=-77.1928;-32.4460
P68=-76.8602;-33.8879
P69=-76.4537;-35.3370
P70=-76.1506;-36.7966
P71=-75.9659;-38.2683
P72=-75.7339;-39.7481
P73=-75.0907;-41.0224
P74=-73.8770;-41.9928
P75=-72.5019;-42.7307
P76=-71.2791;-43.3227
P77=-69.7581;-44.0855
P78=-68.4668;-44.9240
P79=-69.4175;-45.2198
P80=-70.8393;-45.0183
P81=-72.2072;-44.3819
P82=-73.6008;-43.7265
P83=-75.0424;-43.1698
P84=-76.4843;-42.8091

P85=-77.5831;-43.3461
P86=-78.2273;-44.6662
P87=-78.3080;-46.0807
P88=-77.9950;-47.5219
P89=-77.4194;-48.9706
P90=-77.1548;-50.3537
P91=-76.9987;-51.6129
P92=-76.0977;-52.6436
P93=-74.8665;-53.4887
P94=-73.4894;-54.1666
P95=-72.0671;-54.6802
P96=-70.6263;-55.0301
P97=-69.1655;-55.2254
P98=-67.6646;-55.3962
P99=-66.1169;-55.5854
P100=-64.5317;-55.7890
P101=-63.0542;-55.9466
P102=-61.7345;-56.0373
P103=-60.3253;-56.1349
P104=-58.5844;-56.3115
P105=-56.5984;-56.5461
P106=-55.3467;-56.6037
P107=-55.1043;-56.4182
P108=-41.6064;3.6219
[C20]
gain=-2.00
n_point=64
P1=-42.3206;-22.6387
P2=-42.3013;-22.3489
P3=-42.4641;-21.8502
P4=-43.1377;-21.7662
P5=-43.7663;-21.6872
P6=-44.4063;-21.6037
P7=-45.0451;-21.5181
P8=-45.6829;-21.4293
P9=-46.3209;-21.3399
P10=-46.9599;-21.2589
P11=-47.6000;-21.1862
P12=-48.2402;-21.1152
P13=-48.8797;-21.0393
P14=-49.5195;-20.9613
P15=-50.1583;-20.8827
P16=-50.7974;-20.8014
P17=-51.4371;-20.7165
P18=-52.0737;-20.6338
P19=-52.7129;-20.5435
P20=-53.3521;-20.4477
P21=-53.9840;-20.3563
P22=-54.6276;-20.2630
P23=-55.2581;-20.3800
P24=-55.8851;-20.5256
P25=-56.5136;-20.6703
P26=-57.1496;-20.7656
P27=-57.7421;-21.0046
P28=-58.1539;-21.5007
P29=-58.6184;-21.9383
P30=-59.0067;-22.4348

P31=-59.2036;-23.0490
P32=-59.4742;-23.6272
P33=-59.9642;-24.0575
P34=-59.7201;-24.6289
P35=-59.3997;-25.1684
P36=-58.8061;-25.4055
P37=-58.1793;-25.5569
P38=-57.5525;-25.7052
P39=-56.9275;-25.8614
P40=-56.3031;-26.0197
P41=-55.6780;-26.1752
P42=-55.0528;-26.3302
P43=-54.4247;-26.4732
P44=-53.7929;-26.5988
P45=-53.1587;-26.7115
P46=-52.5240;-26.8239
P47=-51.8902;-26.9326
P48=-51.2542;-27.0405
P49=-50.6174;-27.1466
P50=-49.9860;-27.2433
P51=-49.3437;-27.3366
P52=-48.6997;-27.4193
P53=-48.0735;-27.4800
P54=-47.4282;-27.5553
P55=-46.7689;-27.6414
P56=-46.1551;-27.6814
P57=-45.5198;-27.7379
P58=-44.8240;-27.8471
P59=-44.2258;-27.8633
P60=-43.6367;-27.8676
P61=-42.8800;-28.0090
P62=-42.7048;-27.4844
P63=-42.6475;-26.8435
P64=-42.3206;-22.6387