

Node Number Directional Heat Flux (W/m²) 18474 -6.923 18475 0.74233 18476 -0.56398
18477 5.8322 18478 -3.7925 18479 -1.2198 18480 -0.50198 18481 27.082 18482 -5.8481
18483 3.4764 18484 6.3642 18485 -14.335 18486 -14.302 18487 -2.614 18488 12.383 18489
-540.29 18490 -235.78 18491 -290.42 18492 -353.01 18493 -272.18 18494 -517.51 18495
-736.93 18496 1.7283e-002 18497 -666.03 18498 -776.14 18499 -506.66 18500 -488. 18501
-5.7534 18502 -43.134 18503 -61.675 18504 -104.17 18505 -136.77 18506 -209.06 18507
-194.52 18508 -231.23 18509 -261.79 18510 -193.74 18511 -166.8 18512 -105.49 18513
-113.89 18514 -32.591 18515 -45.594 18516 20.213 18517 -1.1664 18518 -27.695 18519
-28.486 18520 -101.84 18521 -153.87 18522 -194.22 18523 -183.84 18524 -169.34 18525
-109.91 18526 -80.777 18527 -103.92 18528 -51.767 18529 -52.891 18530 -12.672 18531
-45.665 18532 -9.6133 18533 -18.705 18534 -48.868 18535 -57.569 18536 -112.13 18537
-82.019 18538 -40.533 18539 -96.895 18540 -74.718 18541 -75.698 18542 -80.89 18543
-124.83 18544 -95.996 18545 -134.11 18546 -9.6668 18547 -58.802 18548 -33.034 18549
-42.241 18550 -233.43 18551 -239.13 18552 -220.71 18553 -207.68 18554 -196.93 18555
-219.35 18556 -235.35 18557 -230.54 18558 -237.59 18559 -277.82 18560 -283.53 18561
-307.3 18562 -301.05 18563 -258.38 18564 -316.91 18565 -260.75 18566 -16.508 18567
-6.5537 18568 -427.41 18569 14.116 18570 224.48 18571 195.28 18572 444.37 18573 16.589
18574 654.97 18575 -210.25 18576 -171.36 18577 -230.22 18578 118.61 18579 232.37 18580
155.36 18581 287.34 18582 440.2 18583 508.36 18584 416.56 18585 309.2 18586 10.595
18587 7.4853e-003 18588 -126.7 18589 -167.48 18590 33.73 18591 9.3336 18592 -141.06
18593 -217.14 18594 -162.38 18595 183.65 18596 -190.27 18597 24.35 18598 100.6 18599
20.021 18600 19.602 18601 62.695 18602 127.84 18603 61.573 18604 -63.557 18605 -182.9
18606 -172.98 18607 -62.846 18608 -70.854 18609 -96.477 18610 -139.81 18611 -125.04
18612 -132.69 18613 -131.68 18614 -149.45 18615 -143.76 18616 -124.98 18617 -49.791
18618 237.56 18619 160.78 18620 34.678 18621 265.24 18622 130.97 18623 43.077 18624
88.632 18625 -195.94 18626 42.319 18627 -95.772 18628 -22.444 18629 -21.669 18630
-23.914 18631 -37.587 18632 -34.213 18633 -20.412 18634 -26.972 18635 -22.316 18636
-29.006 18637 -21.745 18638 -19.068 18639 -30.094 18640 -23.072 18641 -19.747 18642
-23.341 18643 -32.156 18644 -26.634 18645 -19.924 18646 -32.336 18647 -26.521 18648
-26.226 18649 -20.758 18650 -33.448 18651 -19.556 18652 -20.75 18653 -38.88 18654
-21.026 18655 -27.44 18656 -17.177 18657 -626.65 18658 -503.7 18659 -502.07 18660
-460.13 18661 -521.36 18662 -496.07 18663 -655.3 18664 -598.91 18665 -785.5 18666
-613.31 18667 -579.52 18668 -558.96 18669 -658.57 18670 -402.42 18671 -573.56 18672
-560.63 18673 -346.88 18674 -386.81 18675 -530.68 18676 -471.88 18677 -413.58 18678
-361.75 18679 -511.88 18680 -452.37 18681 -348.46 18682 -350.01 18683 -405.36 18684
-341.91 18685 -20.357 18686 40.099 18687 76.696 18688 150.66 18689 185.77 18690 157.6
18691 172.29 18692 280.31 18693 175.69 18694 229.64 18695 160.66 18696 136.42 18697
94.243 18698 58.832 18699 2.8091 18700 -50.62 18701 -87.071 18702 -106.55 18703 -220.35
18704 -154.31 18705 -194.95 18706 -276.17 18707 -294.1 18708 -312.2 18709 -219.81 18710
-230.86 18711 -152.87 18712 -97.54 18713 -77.954 18714 -3.1761 18715 -1.5235 18716
-11.786 18717 -16.611 18718 -23.5 18719 -39.734 18720 -36.871 18721 -49.418 18722 -46.469
18723 -43.372 18724 -44.874 18725 -30.062 18726 -47.555 18727 -31.412 18728 -16.823
18729 -9.3515 18730 6.477 18731 19.35 18732 18.979 18733 49.84 18734 32.162 18735
41.909 18736 51.95 18737 47.251 18738 42.98 18739 32.713 18740 52.908 18741 28.303
18742 15.553 18743 10.575 18744 2034.2 18745 923.97 18746 727.53 18747 786.14 18748
720.93 18749 748. 18750 -33.475 18751 2.8833e-002 18752 -61.022 18753 -42.699 18754
-43.1 18755 -47.038 18756 -678.17 18757 -819.37 18758 -608.68 18759 -689.93 18760
-618.14 18761 -585.97 18762 -0.45863 18763 229.84 18764 71.969 18765 146.53 18766
78.313 18767 189.14 18768 -290. 18769 271.56 18770 799.69 18771 -364.61 18772 248.76
18773 149.16 18774 136.56 18775 195.42 18776 193.9 18777 193.47 18778 241.12 18779
207.77 18780 210.49 18781 209.87 18782 211.53 18783 248.83 18784 205.98 18785 211.22
18786 212.79 18787 203.9 18788 190.09 18789 -138.96 18790 -160.57 18791 -146.91 18792
-177.44 18793 -242.83 18794 -207.11 18795 -238.61 18796 -190.21 18797 -137.44 18798
-100.9 18799 -67.935 18800 -46.598 18801 -27.059 18802 -22.133 18803 -48.004 18804
-31.332 18805 -91.507 18806 -18.174 18807 -3.4442 18808 8.1403 18809 1.8602 18810
-1.1774 18811 -1.2982 18812 -8.2977 18813 -13.62 18814 -32.054 18815 -39.748 18816

-21.292 18817 289.07 18818 226.06 18819 275.5 18820 144.76 18821 352.42 18822 546.78
18823 383.32 18824 571.2 18825 475.65 18826 357.11 18827 492.77 18828 239.51 18829
188.94 18830 -82.762 18831 -40.479 18832 -36.225 18833 -276.56 18834 -24.836 18835
-12.743 18836 -18.21 18837 -2.7721 18838 -189.11 18839 -2.576 18840 -130.57 18841
-96.616 18842 -132.69 18843 -3.901 18844 -15.243 18845 -57.313 18846 -89.789 18847
-194.84 18848 -18.598 18849 -57.513 18850 -32.035 18851 -14.303 18852 -1.4254 18853
-1.4314 18854 -23.633 18855 -31.317 18856 -27.388 18857 21.263 18858 15.64 18859 8.9438
18860 2.9533 18861 113.5 18862 14.337 18863 49.27 18864 87.872 18865 78.855 18866
202.89 18867 232.24 18868 228.83 18869 203. 18870 181.84 18871 -1.3609 18872 -6.1237
18873 98.024 18874 -20.42 18875 7.8235 18876 12.185 18877 38.96 18878 6.2935 18879
10.199 18880 -2.7711 18881 -256.81 18882 -24.812 18883 -261.25 18884 -230.57 18885
-185.16 18886 -23.564 18887 -78.071 18888 -200. 18889 -96.401 18890 -101.07 18891
-10.667 18892 -216.12 18893 -355.38 18894 -375.42 18895 -210.22 18896 -61.117 18897
15.906 18898 106.46 18899 314.79 18900 306.84 18901 131.1 18902 0.87862 18903 -2.9458
18904 10.204 18905 -228.77 18906 -194.69 18907 -192.2 18908 -178.83 18909 -171.49 18910
-212.68 18911 -265.9 18912 -218.74 18913 -266.47 18914 -251. 18915 -17.309 18916 -32.951
18917 -18.775 18918 74.864 18919 -34.768 18920 -68.388 18921 -23.035 18922 35.334 18923
-1.2656 18924 -9.5246 18925 -1.5139 18926 -32.871 18927 116.27 18928 31.487 18929
-115.36 18930 -39.575 18931 38.445 18932 24.509 18933 110.44 18934 41.341 18935 19.024
18936 -95.068 18937 -9.7971 18938 146.51 18939 -24.19 18940 242.73 18941 -4.0092 18942
264.18 18943 -184.17 18944 -169.1 18945 -344.26 18946 348.9 18947 548.21 18948 -284.06
18949 -582.53 18950 -875.68 18951 -396.69 18952 -884.51 18953 -10.494 18954 -6.3499
18955 0.71043 18956 0.15943 18957 -2.9315 18958 14.797 18959 -4.7504 18960 7.3488
18961 -1.341 18962 7.7577 18963 11.663 18964 13.863 18965 -0.59664 18966 -9.9458 18967
-48.925 18968 -9.0753 18969 9.7494 18970 -29.059 18971 -42.906 18972 7.3705 18973
14.399 18974 -112.76 18975 -132.1 18976 -97.922 18977 -88.236 18978 -112.71 18979
-116.11 18980 -93.947 18981 -89.441 18982 1.6109 18983 -4.3252 18984 4.6544 18985
-0.31745 18986 10.032 18987 5.2054 18988 7.153 18989 12.937 18990 -1.3731 18991 6.6355
18992 -2.7913 18993 -0.78605 18994 -12.687 18995 -18.911 18996 -2.6539 18997 4.5143
18998 -19.174 18999 -14.97 19000 8.0218 19001 13.765 19002 6.4244 19003 1.7425e-003
19004 5.7198 19005 7.2457 19006 -0.21539 19007 3.369 19008 -2.5744 19009 2.7907 19010
1.6928e-002 19011 -2.0141 19012 -1.8747 19013 1.2234 19014 -6.2116 19015 -33.289 19016
-6.4827 19017 5.9357 19018 -23.83 19019 -15.624 19020 5.4511 19021 8.0889 19022 4.289
19023 7.1292 19024 -0.8306 19025 3.6568 19026 -2.8878 19027 -1.3109 19028 0.88483
19029 -2.4724 19030 5.9558 19031 -0.75581 19032 4.839 19033 6.2202 19034 -5.5473 19035
-18.088 19036 -6.357 19037 3.1892 19038 -36.054 19039 -35.462 19040 6.509 19041 6.6365
19042 -79.65 19043 -83.666 19044 -60.806 19045 -64.934 19046 -77.483 19047 -66.847
19048 -58.639 19049 -67.17 19050 -62.266 19051 -86.824 19052 -71.157 19053 -45.804
19054 -70.006 19055 -82.015 19056 -58.703 19057 -51.455 19058 -68.744 19059 -79.637
19060 -49.518 19061 -44.583 19062 -65.435 19063 -60.493 19064 -45.578 19065 -50.635
19066 -4.2502 19067 8.8636 19068 541.23 19069 -50.372 19070 3.828 19071 9.3226 19072
-422.94 19073 -757.95 19074 2.2088 19075 -35.023 19076 -195.87 19077 -254.22 19078
-175.36 19079 -22.746 19080 -39.328 19081 4.8835 19082 13.224 19083 -95.649 19084 -215.
19085 -145.83 19086 -116.13 19087 -64.38 19088 -2.1223 19089 46.203 19090 -23.977 19091
-102.9 19092 -44.251 19093 -95.637 19094 -124.09 19095 -86.351 19096 7.8445 19097
0.49285 19098 -208.69 19099 -263.06 19100 -350.59 19101 -319.58 19102 -407.76 19103
-426.08 19104 331.96 19105 222.91 19106 280.76 19107 234.23 19108 249.36 19109 300.72
19110 479.54 19111 408.12 19112 577.63 19113 567.04 19114 -446.2 19115 -297.01 19116
-209.28 19117 -271.55 19118 -203.71 19119 -219.43 19120 108.77 19121 203.05 19122 524.73
19123 236.02 19124 62.764 19125 -43.807 19126 62.191 19127 109.55 19128 -119.82 19129
-130.43 19130 -233.11 19131 37.123 19132 -68.033 19133 -49.726 19134 -37.442 19135
-66.264 19136 69.895 19137 243.19 19138 115.6 19139 96.373 19140 152.7 19141 151.05
19142 188.6 19143 150.84 19144 109.16 19145 224.72 19146 185.23 19147 -3.5047 19148
-75.602 19149 -85.379 19150 -38.584 19151 -32.74 19152 -24.102 19153 -20.986 19154
-24.464 19155 -19.711 19156 -21.637 19157 -23.642 19158 -25.902 19159 -32.421 19160
-24.464 19161 -32.15 19162 -23.854 19163 -23.449 19164 -33.904 19165 -43.273 19166
-29.646 19167 -21.438 19168 -23.569 19169 -34.035 19170 -21.165 19171 -20.847 19172

-32.054 19173 -21.65 19174 -28.498 19175 -25.095 19176 -28.333 19177 -17.752 19178
-25.703 19179 -23.084 19180 -21.687 19181 -578.89 19182 -631.59 19183 -462.34 19184
-403.38 19185 -535.42 19186 -538.44 19187 -541.3 19188 -454.87 19189 -427.75 19190
-626.25 19191 -542.64 19192 -623.46 19193 -578.6 19194 -550.51 19195 -544.49 19196
-570.49 19197 -609.16 19198 -617.49 19199 -552.89 19200 -466.35 19201 -452.05 19202
-514.97 19203 -464.04 19204 -437.39 19205 -413.01 19206 -495.28 19207 -415.43 19208
-527.88 19209 -531.35 19210 -413.18 19211 -442.77 19212 -332.67 19213 -388.57 19214
-482.3 19215 -464.5 19216 -334.16 19217 -344.68 19218 -307.08 19219 -399.82 19220
-568.84 19221 -555. 19222 -487.74 19223 -440.8 19224 -513.81 19225 18.749 19226 -3.2331
19227 68.619 19228 89.347 19229 205.88 19230 196.73 19231 221.63 19232 171.81 19233
290.03 19234 172.89 19235 169.36 19236 208.9 19237 92.385 19238 103.84 19239 6.309
19240 -5.6865 19241 -77.674 19242 -105.07 19243 -202.9 19244 -266.21 19245 -181.28
19246 -297.42 19247 -258.49 19248 -267.76 19249 -219.64 19250 -167.72 19251 -243.6
19252 -132.34 19253 -94.359 19254 -53.265 19255 -37.845 19256 -5.2675 19257 -1.9276
19258 -11.745 19259 -20.505 19260 -44.089 19261 -27.273 19262 -35.753 19263 -52.558
19264 -54.408 19265 -48.657 19266 -29.584 19267 -34.208 19268 -33.296 19269 -14.58
19270 -12.753 19271 -8.0282 19272 -2.894 19273 3.6354 19274 2.2393 19275 14.122 19276
18.067 19277 43.167 19278 35.771 19279 42.724 19280 29.47 19281 62.506 19282 27.361
19283 39.545 19284 47.14 19285 48.683 19286 15.718 19287 13.004 19288 4.1587 19289
0.50206 19290 -601.13 19291 -403.81 19292 957.3 19293 1417.8 19294 1053. 19295 778.33
19296 592.86 19297 1025.5 19298 838.88 19299 45.646 19300 394.09 19301 5.918 19302
9.1249 19303 -55.177 19304 -74.1 19305 -66.721 19306 -43.863 19307 -47.343 19308 -56.397
19309 -43.143 19310 -0.44219 19311 5.4685 19312 -134.53 19313 -216.54 19314 -694.38
19315 -632.9 19316 -617.39 19317 -629.94 19318 -580.74 19319 -651.04 19320 -768. 19321
-130.58 19322 -255.6 19323 -285.51 19324 -278.36 19325 184.68 19326 323.12 19327 180.98
19328 267.61 19329 137.85 19330 96.509 19331 22.285 19332 -149.51 19333 150.7 19334
-195.7 19335 -97.358 19336 -443.46 19337 -552.31 19338 448.05 19339 680.24 19340 158.72
19341 89.231 19342 617.78 19343 688.6 19344 1017. 19345 1805.8 19346 -421.8 19347
-630.32 19348 -239.85 19349 -122.68 19350 -44.165 19351 58.239 19352 177.68 19353
513.04 19354 350.18 19355 565.89 19356 418.94 19357 523.45 19358 449.59 19359 441.12
19360 259. 19361 119.3 19362 231.28 19363 276.16 19364 265.33 19365 -42.375 19366
-23.641 19367 -271.03 19368 -200.53 19369 -254.04 19370 -174.44 19371 -33.007 19372
-24.946 19373 -40.061 19374 -4.8458 19375 -5.9046 19376 -118.38 19377 -129.37 19378
-171.1 19379 -73.716 19380 -114.82 19381 -5.3588 19382 -22.597 19383 -41.57 19384
-195.65 19385 -134.03 19386 -172.9 19387 -113.33 19388 -112.09 19389 -148.53 19390
-35.715 19391 -16.803 19392 -12.64 19393 -23.241 19394 -1.1743 19395 -4.8439 19396
-2.6625 19397 -3.3112 19398 -6.4689 19399 -5.4955 19400 -29.269 19401 -34.642 19402
-35.928 19403 -49.386 19404 18.042 19405 24.904 19406 4.2143 19407 2.4644 19408 3.8016
19409 6.7108 19410 14.013 19411 25.287 19412 62.329 19413 131.05 19414 155.14 19415
172.43 19416 121.68 19417 221.37 19418 209.44 19419 159.43 19420 174.23 19421 162.49
19422 216.61 19423 190.73 19424 132.45 19425 94.575 19426 -22.477 19427 -19.409 19428
-32.896 19429 7.6466 19430 80.445 19431 80.8 19432 29.894 19433 33.366 19434 3.1649
19435 -13.294 19436 -8.2606 19437 -6.4143 19438 -253.61 19439 -313.6 19440 -219.44
19441 -207.35 19442 -106.43 19443 -60.094 19444 -18.607 19445 -19.573 19446 -17.556
19447 -143.08 19448 -103.97 19449 -151.69 19450 -126.35 19451 -229.2 19452 -153.57
19453 -177.57 19454 -222.7 19455 -139.71 19456 -111.53 19457 -93.958 19458 -341.5 19459
-410.75 19460 -363.81 19461 -94.378 19462 -6.654 19463 53.06 19464 241.3 19465 304.16
19466 295.54 19467 57.71 19468 36.211 19469 2.2797 19470 -4.1005 19471 -197.91 19472
-205.25 19473 -182.71 19474 -224.67 19475 -180.43 19476 -176.6 19477 -208.44 19478
-224.44 19479 -208.69 19480 -264.77 19481 -216.62 19482 -227.77 19483 1.5405 19484
-2.0455 19485 -9.1586e-002 19486 0.19675 19487 2.2821 19488 2.6889 19489 -1.5365 19490
-1.9769e-002 19491 3.6249 19492 4.2812 19493 1.4516 19494 -0.27313 19495 2.9462 19496
4.7641 19497 3.4598 19498 -0.25252 19499 -0.48168 19500 -5.0158e-002 19501 2.1878
19502 4.2801 19503 -0.46383 19504 -0.74983 19505 1.1496 19506 2.9751 19507 -1.966
19508 -12.334 19509 -48.801 19510 -120.99 19511 70.088 19512 54.699 19513 443.92 19514
416.61 19515 -4.3843 19516 -9.83 19517 -30.829 19518 -29.423 19519 -24.318 19520 -35.112
19521 -21.771 19522 -24.673 19523 -18.382 19524 -28.749 19525 -35.153 19526 -34.701

19527 -29.012 19528 -21.127 19529 -19.164 19530 -26.556 19531 -31.543 19532 -38.531
19533 -32.295 19534 -37.575 19535 -35.904 19536 -28.964 19537 -23.07 19538 -22.444
19539 -18.457 19540 -34.878 19541 -37.693 19542 -21.855 19543 -24.911 19544 -20.056
19545 -26.287 19546 -33.651 19547 -30.387 19548 -32.723 19549 -30.003 19550 -29.029
19551 -25.631 19552 -18.301 19553 -20.923 19554 -37.44 19555 -45.237 19556 -33.395
19557 -25.982 19558 -24.316 19559 -26.265 19560 -15.548 19561 -34.092 19562 -44.276
19563 -27.774 19564 -16.778 19565 -24.962 19566 -27.981 19567 -27.057 19568 -29.603
19569 -37.794 19570 -38.761 19571 -15.872 19572 -29.416 19573 -34.462 19574 -24.617
19575 -27.833 19576 -22.991 19577 -20.573 19578 -21.441 19579 -6.6228 19580 -1.8946
19581 -2.627 19582 -13.24 19583 -11.377 19584 -18.484 19585 -19.237 19586 -32.278 19587
-41.724 19588 -43.613 19589 -32.859 19590 -34.198 19591 -34.486 19592 -50.601 19593
-49.373 19594 -46.246 19595 -40.806 19596 -46.883 19597 -46.712 19598 -37.04 19599
-31.004 19600 -27.977 19601 -45.637 19602 -40.264 19603 -35.859 19604 -26.25 19605
-17.506 19606 -16.602 19607 -8.4274 19608 -7.3971 19609 -3.3323 19610 -3.7395 19611
-2.1811 19612 6.5475 19613 0.11363 19614 0.24333 19615 2.9622 19616 11.951 19617
17.656 19618 26.496 19619 16.492 19620 31.472 19621 46.483 19622 51.544 19623 31.722
19624 34.961 19625 44.908 19626 29.218 19627 40.792 19628 79.922 19629 55.59 19630
36.362 19631 29.413 19632 43.513 19633 33.737 19634 34.356 19635 49.737 19636 52.83
19637 37.579 19638 18.734 19639 15.497 19640 15.281 19641 12.215 19642 8.2109 19643
3.0156 19644 -1.3474 19645 -33.389 19646 -29.097 19647 -19.82 19648 -21.536 19649
-24.611 19650 -23.823 19651 -21.463 19652 -20.382 19653 -25.278 19654 -42.05 19655
-37.498 19656 -29.436 19657 -29.073 19658 -37.267 19659 -37.807 19660 -18.856 19661
-18.722 19662 -22.306 19663 -21.458 19664 -18.161 19665 -25.755 19666 -27.094 19667
-29.018 19668 -27.068 19669 -25.368 19670 -23.964 19671 -25.114 19672 -26.93 19673
-27.872 19674 -28.702 19675 -31.772 19676 -30.404 19677 -35.141 19678 -21.66 19679
-23.893 19680 -25.555 19681 -28.201 19682 -23.237 19683 -8.0807 19684 -27.076 19685
-27.418 19686 -39.202 19687 -38.468 19688 -27.532 19689 -19.3 19690 -20.616 19691 -26.18
19692 -23.723 19693 -21.198 19694 -17.775 19695 -24.42 19696 -27.196 19697 -32.121
19698 -27.664 19699 -21.854 19700 -42.162 19701 -38.676 19702 -29.979 19703 -28.322
19704 -29.933 19705 -30.125 19706 -31.051 19707 -26.661 19708 -22.721 19709 -18.957
19710 -20.515 19711 -18.487 19712 -24.686 19713 -32.887 19714 -38.108 19715 -37.913
19716 -40.143 19717 -41.924 19718 -35.685 19719 -23.778 19720 -21.838 19721 -26.588
19722 -23.346 19723 -25.384 19724 -25.801 19725 -15.599 19726 -19.867 19727 -27.218
19728 -31.667 19729 -36.68 19730 -33.996 19731 -33.877 19732 -27.041 19733 -20.765
19734 -16.012 19735 -21.907 19736 -25.513 19737 -29.14 19738 -24.299 19739 -21.699
19740 -22.621 19741 -24.506 19742 -33.146 19743 -41.559 19744 -39.235 19745 -45.879
19746 -27.651 19747 -14.498 19748 -17.685 19749 -27.183 19750 -39.319 19751 -29.05
19752 -28.302 19753 -25.644 19754 -24.687 19755 -25.148 19756 -23.218 19757 -5.9541
19758 -8.0378 19759 -10.614 19760 -10.637 19761 -11.353 19762 -13.032 19763 -17.188
19764 -21.002 19765 -19.991 19766 -21.65 19767 -28.765 19768 -40.617 19769 -43.388
19770 -42.68 19771 -48.699 19772 -31.203 19773 -26.566 19774 -32.562 19775 -34.966
19776 -36.794 19777 -33.831 19778 -40.948 19779 -51.808 19780 -49. 19781 -53.206 19782
-48.196 19783 -47.767 19784 -49.642 19785 -47.952 19786 -43.086 19787 -45.056 19788
-49.554 19789 -46.425 19790 -47.419 19791 -39.049 19792 -31.102 19793 -31.77 19794
-31.804 19795 -29.187 19796 -27.965 19797 -42.828 19798 -44.621 19799 -41.171 19800
-28.16 19801 -38.913 19802 -36.596 19803 -27.695 19804 -19.742 19805 -13.92 19806
-15.989 19807 -17.204 19808 -13.203 19809 -12.213 19810 -8.5777 19811 -7.0593 19812
-6.8074 19813 7.9628 19814 7.467 19815 10.837 19816 10.642 19817 14.373 19818 22.791
19819 21.956 19820 22.037 19821 15.265 19822 16.406 19823 24.986 19824 38.845 19825
37.768 19826 46.998 19827 49.729 19828 39.243 19829 34.256 19830 34.027 19831 31.426
19832 40.91 19833 43.972 19834 42.604 19835 37.569 19836 27.681 19837 38.09 19838
49.382 19839 62.495 19840 64.592 19841 65.257 19842 54.437 19843 46.318 19844 38.664
19845 25.251 19846 38.373 19847 44.866 19848 44.434 19849 41.907 19850 30.656 19851
35.621 19852 39.469 19853 45.479 19854 40.221 19855 53.577 19856 71.856 19857 43.492
19858 35.06 19859 23.081 19860 17.643 19861 15.587 19862 14.127 19863 15.177 19864
14.478 19865 13.329 19866 12.718 19867 10.449 19868 8.8576 19869 125.21 19870 -20.602
19871 -151.74 19872 -190.5 19873 -149.1 19874 -179.52 19875 -174.61 19876 -97.64 19877

40.341 19878 -2.0551 19879 332.14 19880 -484.15 19881 480.12 19882 445.31 19883 -517.6
19884 -530.23 19885 438.28 19886 -445.26 19887 -245.23 19888 -343.67 19889 -91.934
19890 124.77 19891 -339.87 19892 359.64 19893 474.61 19894 -476.13 19895 -326.86 19896
-136.67 19897 21.68 19898 191.43 19899 301.87 19900 397.1 19901 -436.57 19902 434.88
19903 459.26 19904 -428.11 19905 27.068 19906 201.15 19907 496.53 19908 -431.15 19909
-407.62 19910 -316.87 19911 342.44 19912 510.58 19913 464.66 19914 -443.03 19915
-187.46 19916 -342.15 19917 162.16 19918 366.68 19919 387.64 19920 379.54 19921 -414.99
19922 -391.69 19923 -87.303 19924 92.121 19925 -363.34 19926 -323.75 19927 209.75 19928
351.97 19929 387.7 19930 397.56 19931 -395.56 19932 -239.16 19933 -50.613 19934 81.767
19935 275.46 19936 364.08 19937 -348.32 19938 -1.5019 19939 -249.77 19940 259.62 19941
-400.69 19942 -144.38 19943 -281.22 19944 195.05 19945 386.54 19946 -40.258 19947
123.44 19948 -390.46 19949 -367.14 19950 -296.45 19951 -196.57 19952 283. 19953 345.26
19954 383.92 19955 56.488 19956 -54.393 19957 -64.675 19958 -84.827 19959 -108.99 19960
-138.1 19961 -77.876 19962 -2.1717 19963 135.43 19964 7.8457 19965 37.795 19966 -3.0169
19967 2.847 19968 94.213 19969 -23.373 19970 10.384 19971 -21.083 19972 -13.132 19973
-16.218 19974 -28.154 19975 -5.5198 19976 -14.445 19977 -9.7573 19978 -14.732 19979
-12.419 19980 -13.793 19981 -14.71 19982 -5.92 19983 -15.445 19984 -19.125 19985 -14.041
19986 -16.531 19987 -15.47 19988 -11.582 19989 -12.529 19990 -21.006 19991 -16.618 19992
-15.487 19993 -14.985 19994 -18.1 19995 -33.907 19996 -24.551 19997 -21.859 19998
-23.291 19999 -13.87 20000 -18.51 20001 -21.155 20002 -30.958 20003 -30.528 20004
-20.725 20005 -32.201 20006 -33.236 20007 -32.288 20008 -28.55 20009 -26.728 20010
-26.908 20011 -30.634 20012 -23.761 20013 -23.08 20014 -24.814 20015 -29.463 20016
-32.666 20017 -24.906 20018 -21.562 20019 -19.837 20020 -18.759 20021 -24.965 20022
-17.821 20023 -22.126 20024 -28.52 20025 -30.065 20026 -20.605 20027 -25.958 20028
-26.864 20029 -19.603 20030 -14.454 20031 -19.907 20032 -17.266 20033 -16.376 20034
-14.383 20035 -12.889 20036 -14.194 20037 -17.177 20038 -7.4409 20039 -5.6993 20040
-5.3888 20041 -9.5098 20042 -9.7786 20043 -5.3765 20044 -5.8403 20045 -4.1423 20046
-1.6891 20047 -1.5153 20048 -2.6792 20049 2.811 20050 3.4627 20051 -2.0807 20052 -3.435
20053 3.6534 20054 1.9934 20055 2.3727 20056 0.20037 20057 6.4768 20058 4.4121 20059
5.7947 20060 3.6889 20061 0.81738 20062 2.2977 20063 0.40198 20064 10.4 20065 10.943
20066 6.548 20067 -2.6038e-002 20068 2.8564 20069 1.3014 20070 4.2739 20071 1.5332
20072 -1.6411e-002 20073 6.8437 20074 3.0674 20075 1.0945 20076 3.0532 20077 -2.7263
20078 1.3441 20079 0.14345 20080 -1.6124 20081 0.82294 20082 -0.98864 20083 -3.2993
20084 -1.3548 20085 -5.1019 20086 -5.7567 20087 -6.819 20088 -9.507 20089 -12.411 20090
-9.8484 20091 -9.019 20092 -15.665 20093 -12.913 20094 -6.6171 20095 -9.4469 20096
-17.89 20097 -9.0232 20098 -11.155 20099 -15.046 20100 -17.367 20101 -19.478 20102
-11.012 20103 -11.562 20104 -12.759 20105 -16.087 20106 -16.637 20107 -19.031 20108
-14.908 20109 -15.527 20110 -20.617 20111 -31.468 20112 -36.218 20113 -16.99 20114
-19.875 20115 -13.215 20116 -20.464 20117 -34.14 20118 -31.379 20119 -32.245 20120
-27.237 20121 -42.704 20122 -28.39 20123 -21.775 20124 -28.622 20125 -34.799 20126
-25.208 20127 -17.215 20128 -26.261 20129 -42.445 20130 -24.227 20131 -30.254 20132
-22.804 20133 -30.524 20134 -21.685 20135 -26.254 20136 -24.145 20137 -20.12 20138
-30.211 20139 -30.913 20140 -40.682 20141 -29.15 20142 -26.735 20143 -23.932 20144
-19.013 20145 -19.063 20146 -21.211 20147 -15.536 20148 -14.74 20149 -12.616 20150
-17.308 20151 -13.296 20152 -6.2664 20153 -5.7781 20154 -8.305 20155 -6.6801 20156
-5.8755 20157 5.6778 20158 11.008 20159 4.7601 20160 -1.4447 20161 9.2258 20162 9.4776
20163 3.6653 20164 15.891 20165 -0.84979 20166 2.6398 20167 1.6592 20168 1.4778 20169
2.8981 20170 4.1289 20171 6.2992 20172 5.9237 20173 2.9295 20174 2.3009 20175 3.6567
20176 5.4861 20177 10.382 20178 2.0703 20179 1.8658 20180 11.891 20181 3.9371 20182
6.814 20183 22.055 20184 15.478 20185 18.228 20186 -2.758e-002 20187 17.752 20188
2.3916 20189 23.317 20190 -4.0302 20191 16.255 20192 -1.0998 20193 -0.54621 20194
2.0125 20195 -4.8275 20196 5.0157 20197 -7.6658 20198 -11.36 20199 -10.528 20200 -9.1575
20201 -75.953 20202 -257.58 20203 -162.43 20204 15.833 20205 76.293 20206 223.88 20207
-443.34 20208 -444.58 20209 -330.52 20210 -236.74 20211 -198.38 20212 147.45 20213
-398.19 20214 -327.7 20215 -415.33 20216 223.75 20217 -322.98 20218 121.2 20219 -649.66
20220 -418.67 20221 -486.37 20222 -507.98 20223 -759.74 20224 -219.41 20225 -726.23
20226 -315.69 20227 -467.61 20228 -272.72 20229 -150.19 20230 947.27 20231 239.15 20232

409.71 20233 -156.45 20234 611.19 20235 318.28 20236 -55.455 20237 298.44 20238 195.71
20239 -136.89 20240 -266.49 20241 -377.55 20242 -96.807 20243 -100.37 20244 -406.4
20245 142.22 20246 -174.89 20247 101.21 20248 52.046 20249 33.003 20250 -329.81 20251
-469.02 20252 -480.56 20253 -366.84 20254 -392.84 20255 -242.49 20256 -349.87 20257
9.7342 20258 -209.84 20259 -7.1278 20260 29.603 20261 -224.06 20262 -86.995 20263
-44.269 20264 -79.683 20265 -247.24 20266 -202.21 20267 -162.73 20268 -6.3824 20269
-9.6354 20270 -13.175 20271 -17.167 20272 -13.987 20273 -11.529 20274 -7.0463 20275
-13.66 20276 176.18 20277 349.07 20278 51.136 20279 118.33 20280 80.964 20281 101.52
20282 -204.11 20283 -362.25 20284 -433.71 20285 -225.13 20286 -40.78 20287 4.1067 20288
21.935 20289 366.64 20290 418.01 20291 293.5 20292 103.1 20293 93.549 20294 62.29
20295 61.763 20296 93.636 20297 6.7752 20298 0.28874 20299 -6.8932 20300 -66.733 20301
-56.487 20302 52.149 20303 -51.034 20304 169.73 20305 -100.97 20306 -98.207 20307
138.47 20308 -176.73 20309 -324.17 20310 -438.82 20311 -452.62 20312 -134.85 20313
-18.588 20314 6.3375 20315 107.3 20316 454.88 20317 435.04 20318 257.52 20319 203.9
20320 203.47 20321 232.78 20322 216. 20323 155.19 20324 69.965 20325 16.843 20326
-21.724 20327 -63.877 20328 -194.99 20329 -191.58 20330 -203.49 20331 -472.74 20332
-366.07 20333 -99.585 20334 -4.5342 20335 9.5533 20336 282.35 20337 479.33 20338 379.52
20339 -200.44 20340 279.56 20341 -275.23 20342 -415.34 20343 -482.6 20344 -199.02 20345
-45.152 20346 7.1526 20347 26.038 20348 430.85 20349 467.18 20350 320.79 20351 352.4
20352 382.5 20353 245.61 20354 37.229 20355 5.2229 20356 -34.673 20357 -238.75 20358
-354.25 20359 -322.39 20360 -458.78 20361 -406.5 20362 -113.6 20363 -8.7664 20364 8.2735
20365 210. 20366 480.9 20367 443.28 20368 -409.79 20369 -474.97 20370 -371.28 20371
427.13 20372 420.16 20373 90.332 20374 13.865 20375 -9.1101 20376 -99.545 20377 -357.25
20378 -426.85 20379 -440.94 20380 -251.55 20381 -66.359 20382 3.9006 20383 7.943 20384
382.57 20385 469.17 20386 334.86 20387 10.834 20388 1.5339 20389 -48.065 20390 -278.43
20391 -102.28 20392 -12.987 20393 6.1943 20394 110.43 20395 -844.34 20396 -899.9 20397
-822.34 20398 -766.24 20399 -886.67 20400 -773.39 20401 -836.08 20402 -848.06 20403
-869.53 20404 -703.14 20405 -394.05 20406 -505.56 20407 -275.98 20408 -324.66 20409
-256.89 20410 -284.6 20411 -363.47 20412 -377.04 20413 -352.59 20414 -292.3 20415 -351.6
20416 -182.09 20417 -273.95 20418 -298.59 20419 -245.72 20420 -288.91 20421 -301.25
20422 157.39 20423 382.37 20424 402.07 20425 367.95 20426 176.74 20427 329.69 20428
351.41 20429 347.34 20430 316.98 20431 -170.89 20432 -255.3 20433 -226.21 20434 -202.32
20435 -234.88 20436 -166.93 20437 -215.77 20438 -248.7 20439 -225.37 20440 -242.47
20441 -206.92 20442 -197.47 20443 -224.64 20444 -268.23 20445 -236.81 20446 -255.6
20447 -249.83 20448 -236.18 20449 -221.05 20450 -184.65 20451 -185.48 20452 -219.63
20453 -218.2 20454 -225.59 20455 -248.46 20456 -220.62 20457 -234.8 20458 -169.12 20459
-197.95 20460 -195.2 20461 -187.25 20462 -199.25 20463 -174.31 20464 -173.97 20465
-211.02 20466 -202.43 20467 -238.76 20468 -133. 20469 -185.14 20470 -250.48 20471
-229.99 20472 -205.5 20473 -143.82 20474 -185.04 20475 -167.46 20476 -125.86 20477
-205.31 20478 -154.84 20479 -146.62 20480 -178.12 20481 -121.02 20482 -144.6 20483
-135.65 20484 -147.27 20485 -135.93 20486 -170.06 20487 -111.57 20488 -148.81 20489
-182.74 20490 -218.46 20491 -144.63 20492 -193.46 20493 -175.27 20494 -212.11 20495
-195.75 20496 -135.75 20497 -225.01 20498 -205.99 20499 -188.11 20500 -216.44 20501
-178.81 20502 -227.16 20503 -209.35 20504 -213.53 20505 -183.14 20506 -240.64 20507
-270.22 20508 -273.31 20509 -263.78 20510 -232.78 20511 -259.5 20512 -267.93 20513
-227.28 20514 -77.932 20515 -15.637 20516 -100.38 20517 -11.32 20518 -9.2313 20519
-47.591 20520 -83.196 20521 -69.93 20522 -29.131 20523 -34.509 20524 -15.591 20525 -396.
20526 -449.89 20527 -566.6 20528 -489.8 20529 -591.7 20530 -458.62 20531 -383.51 20532
-737.46 20533 -387.34 20534 -653.03 20535 -591.8 20536 -78.435 20537 -23.649 20538
-48.862 20539 -116.93 20540 -19.681 20541 93.642 20542 44.44 20543 47.35 20544 147.44
20545 59.275 20546 -54.709 20547 -19.691 20548 -135.32 20549 136.26 20550 -150.56 20551
36.113 20552 -23.307 20553 -199.41 20554 -189.49 20555 -190.21 20556 -192.33 20557
-187.97 20558 -194.92 20559 -193.42 20560 -184.11 20561 -187.91 20562 -187.35 20563
-187.36 20564 -257.62 20565 -240.92 20566 -133.53 20567 -218.66 20568 -233.17 20569
-368.63 20570 -183.92 20571 -230.32 20572 -346.93 20573 -232.18 20574 -253.59 20575
-167.42 20576 -206.56 20577 -250.13 20578 -225.89 20579 -46.39 20580 210.31 20581
-268.02 20582 -259.21 20583 -351.48 20584 -256.48 20585 -209.49 20586 -229.71 20587

-247.37 20588 -446.48 20589 -200.58 20590 -480. 20591 -215.78 20592 -549.79 20593
-266.38 20594 -211.63 20595 -223.26 20596 -281.24 20597 -244.64 20598 -254.54 20599
-128.45 20600 43.393 20601 -158.91 20602 -377.43 20603 -171.75 20604 -288. 20605 -29.781
20606 -224.03 20607 -218.58 20608 -187.74 20609 -192.71 20610 -128.58 20611 -312.5 20612
-191.84 20613 -295.01 20614 -320.55 20615 -292.94 20616 151.21 20617 -248.55 20618
-270.98 20619 -207.34 20620 -285.84 20621 -232.97 20622 76.677 20623 -144.48 20624
-253.42 20625 188.88 20626 -457.55 20627 -179.8 20628 -176.25 20629 -298.34 20630 -295.
20631 -338.66 20632 -255.52 20633 -239.45 20634 -537.97 20635 -169.56 20636 -143.03
20637 -0.50899 20638 -274.36 20639 -227.05 20640 -235.54 20641 -198.45 20642 -212.76
20643 -205.96 20644 -266.21 20645 -221.19 20646 -278.39 20647 -240.81 20648 -159.34
20649 -195.13 20650 -282.33 20651 -576.81 20652 -289.16 20653 -246.2 20654 -195.26
20655 -222.78 20656 -333.25 20657 -233.75 20658 -190.54 20659 -50.773 20660 -178.35
20661 -222.86 20662 -108.83 20663 -150.94 20664 -497.76 20665 -362.58 20666 -268.34
20667 -171.67 20668 -200.76 20669 -125.7 20670 -208.15 20671 -43.789 20672 -173.25
20673 -250.53 20674 -505.25 20675 -108.21 20676 -113.59 20677 -155.96 20678 -206.38
20679 -218.65 20680 -167.38 20681 -52.603 20682 -293.19 20683 -207.35 20684 -359.79
20685 -99.184 20686 -159.95 20687 -54.067 20688 -10.861 20689 32.764 20690 -52.487
20691 -71.493 20692 -94.994 20693 17.411 20694 -201.6 20695 -156.96 20696 -28.319 20697
-196.74 20698 -34.672 20699 -263.42 20700 -393.34 20701 -127.91 20702 -203.28 20703
-137.12 20704 -203.08 20705 -218.56 20706 -44.459 20707 292.43 20708 -51.057 20709
-185.45 20710 -137.19 20711 -155.79 20712 3.3966 20713 -139.63 20714 -2.3258 20715
-168.65 20716 -38.807 20717 -167.01 20718 -92.887 20719 -215.74 20720 -13.074 20721
-119.1 20722 -172.87 20723 -160.88 20724 -27.357 20725 -48.349 20726 -187.72 20727
-267.36 20728 -118.62 20729 -175.6 20730 -112.27 20731 -190.59 20732 -115.72 20733
-47.861 20734 -92.922 20735 -141.86 20736 -206.27 20737 -72.307 20738 -12.34 20739
-94.409 20740 -53.373 20741 -114.19 20742 -3.1598 20743 -2.9393 20744 -132.4 20745
-20.312 20746 -105.92 20747 -89.765 20748 -124.45 20749 -65.157 20750 -157.92 20751
-24.556 20752 -128.55 20753 -191.84 20754 -20.735 20755 -103.5 20756 -87.779 20757
-96.086 20758 -108.14 20759 -86.315 20760 -114.91 20761 -107.62 20762 4.8573 20763
-88.133 20764 -51.58 20765 -180.71 20766 3.9123 20767 -168.85 20768 -245.45 20769
-97.348 20770 -42.886 20771 87.504 20772 -130.82 20773 -205.23 20774 242.39 20775
-161.09 20776 39.024 20777 -80.34 20778 -99.274 20779 -169.23 20780 -88.395 20781 6.9668
20782 -51.085 20783 103.35 20784 -74.188 20785 -114.12 20786 -161.09 20787 -145.11
20788 -52.285 20789 -204.97 20790 -184.83 20791 -91.491 20792 -91.839 20793 -58.321
20794 -9.3957 20795 -72.186 20796 -92.016 20797 -71.881 20798 -93.072 20799 54.971
20800 -140.72 20801 -1.0255 20802 -11.103 20803 -108.81 20804 304.41 20805 -79.458
20806 -191.57 20807 -95.666 20808 -2.0222 20809 -125.1 20810 10.039 20811 -36.615 20812
-125.84 20813 -65.554 20814 -8.5333 20815 -48.796 20816 -203.85 20817 -147.78 20818
110.57 20819 -84.227 20820 -33.203 20821 -123.5 20822 -87.694 20823 -79.437 20824 198.4
20825 154.22 20826 -178.25 20827 -50.625 20828 -70.969 20829 -167.34 20830 -197.92
20831 -127.75 20832 -54.369 20833 -198.35 20834 -75.814 20835 -51.54 20836 -136.33
20837 -25.392 20838 31.607 20839 -42.235 20840 -54.715 20841 -76.222 20842 -100.78
20843 205.13 20844 -140.39 20845 -24.066 20846 -67.96 20847 -48.531 20848 -38.554 20849
-14.57 20850 -171.26 20851 -31.253 20852 -30.904 20853 -63.832 20854 0.28944 20855
-51.231 20856 -209.37 20857 -246.56 20858 -26.613 20859 -45.872 20860 -77.903 20861
-101.19 20862 -365.47 20863 185.65 20864 -67.818 20865 -86.743 20866 -13.889 20867
-38.638 20868 -47.166 20869 23.413 20870 -346.74 20871 -14. 20872 67.972 20873 14.285
20874 46.251 20875 6.6339 20876 -24.887 20877 26.689 20878 -83.838 20879 -52.835 20880
-187.3 20881 256.99 20882 -185.73 20883 -13.407 20884 39.999 20885 -136.54 20886 -161.85
20887 -279.45 20888 -37.68 20889 -6.9794 20890 46.003 20891 -32.864 20892 -17.687 20893
-30.016 20894 -27.546 20895 -50.459 20896 -62.931 20897 -31.465 20898 28.489 20899
8.2381 20900 -33.099 20901 -43.427 20902 13.9 20903 -32.751 20904 -16.322 20905 5.0266
20906 -286.5 20907 -89.896 20908 81.942 20909 -98.714 20910 -265.68 20911 -103.39 20912
-2.7009 20913 -181.25 20914 -61.161 20915 -82.968 20916 -43.458 20917 44.929 20918
-28.831 20919 -100.2 20920 2.5195 20921 -6.4637 20922 -168.23 20923 -413.78 20924
-156.11 20925 -166. 20926 -72.502 20927 169.81 20928 -182.98 20929 -174.11 20930 -135.62
20931 -118.53 20932 12.043 20933 -2.3727 20934 -43.509 20935 7.0948 20936 -263.14 20937

-216.96 20938 -454.29 20939 -262.66 20940 -182.87 20941 -24.659 20942 -421.57 20943
-172.96 20944 -162.03 20945 -235.35 20946 -59.753 20947 -109.61 20948 -109.44 20949
-98.486 20950 -207.44 20951 -152.72 20952 -174.94 20953 -172.48 20954 -36.763 20955
-161.01 20956 211.43 20957 123.96 20958 -57.743 20959 -25.791 20960 -162.54 20961
-98.875 20962 -92.034 20963 -225.89 20964 -85.026 20965 -311.6 20966 -23.549 20967
-15.359 20968 -136.58 20969 -24.339 20970 33.491 20971 -61.356 20972 -48.997 20973 169.3
20974 -136.29 20975 -80.968 20976 -341.25 20977 -136.15 20978 -253.1 20979 -48.674
20980 -22.987 20981 -173.52 20982 -134.19 20983 -20.219 20984 -140.74 20985 -178.94
20986 -80.52 20987 -26.925 20988 59.802 20989 -110.44 20990 -247.14 20991 -211.19 20992
-240.54 20993 -184.78 20994 -39.088 20995 -146.07 20996 -175.8 20997 -342.59 20998
-243.58 20999 -158.7 21000 -307.24 21001 -120.07 21002 -140.95 21003 -213.03 21004
-150.79 21005 276.6 21006 -542.26 21007 -81.705 21008 -106.55 21009 215.98 21010 -150.88
21011 -24.172 21012 -185.67 21013 534.85 21014 -270.25 21015 109.93 21016 -128.25 21017
145.41 21018 -75.459 21019 316.75 21020 123.22 21021 -26.676 21022 -110. 21023 -130.59
21024 -143.11 21025 -39.164 21026 -167.38 21027 -29.843 21028 30.905 21029 -105.96
21030 -68.676 21031 -6.9032 21032 -294.63 21033 -542.08 21034 -7.7639 21035 -30.17
21036 -218.35 21037 -148.3 21038 -170.64 21039 -108.67 21040 -82.858 21041 -113.41 21042
-213.82 21043 -532.65 21044 -259.05 21045 86.544 21046 -248.67 21047 -305.07 21048
-56.821 21049 -535.42 21050 272.57 21051 -325.49 21052 170.87 21053 -102.17 21054
-168.76 21055 -146.05 21056 -318.19 21057 -145.85 21058 -130.82 21059 -165.67 21060
-30.564 21061 -62.514 21062 -38.768 21063 -122.09 21064 -361.43 21065 -15.33 21066
334.54 21067 -9.2718 21068 -118.6 21069 -225.22 21070 -30.619 21071 -81.298 21072 130.46
21073 -10.113 21074 -125.14 21075 -117.39 21076 -11.975 21077 -214.3 21078 -55.929 21079
-79.024 21080 -74.611 21081 -158.64 21082 -198.52 21083 -94.368 21084 -43.007 21085
-230.38 21086 1.8885 21087 -56.971 21088 -275. 21089 -132.23 21090 -64.993 21091 85.505
21092 222.56 21093 -168.39 21094 -18.224 21095 -91.942 21096 0.35822 21097 -151.07
21098 -95.273 21099 137.87 21100 -173.85 21101 7.6202 21102 -215.16 21103 41.953 21104
-159.21 21105 -25.38 21106 -252.72 21107 -158.73 21108 -34.931 21109 -178.5 21110 2.5432
21111 154.03 21112 -210.16 21113 -63.013 21114 -103.4 21115 235.64 21116 -354.1 21117
-70.615 21118 -17.454 21119 -9.0209 21120 -191.75 21121 -70.929 21122 -32.769 21123
210.68 21124 -96.555 21125 -44.077 21126 -97.88 21127 831.3 21128 -71.408 21129 -34.091
21130 -1.9069 21131 -369.15 21132 -60.153 21133 -129.33 21134 -221.76 21135 -302.76
21136 -66.904 21137 -196.13 21138 -143.98 21139 33.857 21140 -423.98 21141 46.832 21142
-29.661 21143 -19.296 21144 22.688 21145 -17.298 21146 -9.8391 21147 -284.68 21148
-18.264 21149 141.71 21150 -153.81 21151 -14.234 21152 -204.57 21153 152.48 21154
-22.947 21155 87.455 21156 -103.9 21157 -261.04 21158 -394.31 21159 -178.57 21160 -320.88
21161 -85.195 21162 -163.73 21163 284.16 21164 231.16 21165 -200.62 21166 174.44 21167
-505.76 21168 4.5194 21169 31.479 21170 -128.48 21171 -258.8 21172 -250.62 21173 -167.81
21174 -38.246 21175 -189.19 21176 -323.51 21177 -7.405 21178 343.71 21179 -24.634 21180
-181.64 21181 307.17 21182 27.623 21183 306.6 21184 -129.67 21185 -10.702 21186 -297.23
21187 -69.366 21188 -77.03 21189 215.64 21190 85.25 21191 -209.44 21192 -121.29 21193
-436.92 21194 94.079 21195 -99.806 21196 -301.69 21197 -290.93 21198 -106.14 21199
-225.32 21200 367.2 21201 -92.06 21202 20.706 21203 -170.74 21204 10.183 21205 -124.38
21206 -198.7 21207 -285.91 21208 -266.24 21209 -236.49 21210 -273.76 21211 -188.14 21212
-137.1 21213 -200.55 21214 -161.92 21215 -202.81 21216 -157.49 21217 -70.709 21218
-585.79 21219 60.89 21220 -240.07 21221 -64.689 21222 248.57 21223 364.35 21224 -119.19
21225 179.78 21226 -265.38 21227 251.39 21228 65.257 21229 -129.66 21230 -51.194 21231
-58.673 21232 -135.24 21233 -85.635 21234 -263.69 21235 -1.9799 21236 -263.88 21237
-254.25 21238 -221.56 21239 -268.68 21240 -218.77 21241 -244.55 21242 -192.82 21243
-75.893 21244 -127.85 21245 -110.26 21246 -61.915 21247 -276.43 21248 -25.695 21249
-17.649 21250 -158.79 21251 -22.641 21252 -224.65 21253 -123.72 21254 -185.76 21255
-585.56 21256 -273.94 21257 -131.45 21258 -455.9 21259 -618.52 21260 -93.075 21261
96.132 21262 44.503 21263 266.88 21264 -173.63 21265 -604.17 21266 -36.177 21267 295.63
21268 120.04 21269 -348.6 21270 75.64 21271 -487.69 21272 -637.75 21273 -128.66 21274
-220.68 21275 -532.89 21276 -93.153 21277 -498.94 21278 -588.84 21279 -801.94 21280
-445.44 21281 -572.61 21282 -3.7435 21283 -6.3382 21284 -19.757 21285 -26.258 21286
-23.126 21287 -0.50249 21288 -16.768 21289 -32.333 21290 1.6299 21291 13.912 21292

-26.075 21293 -5.9647 21294 2.2852 21295 0.15007 21296 2.6341 21297 -23.079 21298
-55.236 21299 -30.793 21300 2.677 21301 -27.871 21302 -33.643 21303 -49.102 21304
-84.708 21305 -70.641 21306 -29.153 21307 -51.981 21308 1.0198 21309 -113.8 21310
-116.65 21311 -18.434 21312 -101.43 21313 -30.445 21314 -19.015 21315 -45.904 21316
-81.51 21317 -67.561 21318 -2.5062 21319 -118.61 21320 -132.27 21321 -23.446 21322
-133.42 21323 -23.828 21324 -25.568 21325 -77.769 21326 -79.793 21327 -72.374 21328
-23.442 21329 -5.4165 21330 -24.129 21331 1.3041 21332 -24.281 21333 -76.482 21334
-78.506 21335 -56.745 21336 13.29 21337 1.4872 21338 -40.64 21339 -52.212 21340 -58.318
21341 -67.515 21342 -68.847 21343 -117.92 21344 -26.847 21345 -12.342 21346 -12.905
21347 -131.46 21348 -18.649 21349 13.32 21350 -53.723 21351 -84.308 21352 -208.19 21353
-55.055 21354 -120.14 21355 -41.677 21356 -93.608 21357 3.2673 21358 -40.773 21359
-43.369 21360 1.7373 21361 -68.216 21362 -80.904 21363 -63.567 21364 4.9203 21365
-50.223 21366 -54.325 21367 -39.272 21368 -127.45 21369 -302.6 21370 -49.713 21371
-65.526 21372 -345.45 21373 -306.95 21374 -142.84 21375 -179.55 21376 -115.94 21377
-265.97 21378 -3.9852 21379 -147.34 21380 -126.01 21381 -341.78 21382 -305.51 21383
-311.79 21384 -265.8 21385 -141.4 21386 -120.39 21387 -14.319 21388 -160.82 21389
-157.69 21390 -316.24 21391 -322.14 21392 -297.54 21393 -81.719 21394 -115.65 21395
-130.74 21396 -69.564 21397 -55.149 21398 -300.14 21399 -2.4899 21400 -297.52 21401
-81.703 21402 -127.56 21403 -130.25 21404 -115.63 21405 4.8844 21406 -119.2 21407
-21.574 21408 -49.754 21409 -23.432 21410 -144.06 21411 -52.39 21412 -14.075 21413
-31.167 21414 -31.658 21415 -176.11 21416 -41.627 21417 -59.101 21418 -136.56 21419
-204.71 21420 -113.74 21421 -44.891 21422 -54.452 21423 -79.176 21424 -55.997 21425
-638.61 21426 -338.53 21427 -374.68 21428 -481.62 21429 -344.9 21430 -263.1 21431
-166.34 21432 -134.41 21433 -139.01 21434 -256.8 21435 -81.906 21436 -117.64 21437
-260.65 21438 -25.55 21439 -27.401 21440 -201.58 21441 -172.7 21442 -164.47 21443
-321.72 21444 -264.01 21445 -284.12 21446 -71.945 21447 -54.72 21448 -11.403 21449
-200.02 21450 -209.54 21451 -255.55 21452 -312.6 21453 -291.78 21454 -295.3 21455
-137.35 21456 -42.7 21457 -107.58 21458 -271.76 21459 -225.75 21460 -240.84 21461
-233.35 21462 -251.7 21463 -41.518 21464 -347.56 21465 -67.165 21466 -231.34 21467
-202.29 21468 -185.33 21469 -215.7 21470 -204.64 21471 -627.22 21472 -591.77 21473
-280.32 21474 -289.59 21475 -257.65 21476 -559.32 21477 -409.6 21478 -390.03 21479
-420.55 21480 -436.85 21481 31.379 21482 -385.98 21483 -669.03 21484 -443.22 21485
-59.577 21486 140.01 21487 -470.95 21488 -417.41 21489 -215.17 21490 -519.31 21491
-2.8681 21492 -0.57455 21493 -13.839 21494 -378.96 21495 22.832 21496 16.937 21497
-721.09 21498 -363.85 21499 -385.76 21500 -389.96 21501 -442.69 21502 30.753 21503
-344.39 21504 -633.58 21505 145.64 21506 193.48 21507 -411.97 21508 -435.63 21509
-267.78 21510 -199.57 21511 -641.4 21512 -486.54 21513 -497.75 21514 5.0001 21515 138.42
21516 1.0934 21517 -413.61 21518 -276.79 21519 -319.14 21520 -254.63 21521 -497.33
21522 -357.17 21523 -351.79 21524 107.14 21525 135.84 21526 43.101 21527 -343.09 21528
-308.33 21529 -184.39 21530 -308.46 21531 -258.24 21532 -294.92 21533 130. 21534 -622.97
21535 52.43 21536 -333.76 21537 -306.55 21538 -367.28 21539 -299. 21540 -247.7 21541
-19.172 21542 7.2296 21543 -3.4599 21544 132.9 21545 -0.43493 21546 19.946 21547
8.2304e-002 21548 221.15 21549 76.482 21550 14.052 21551 39.748 21552 7.4763 21553
2.2147 21554 -73.65 21555 -24.742 21556 -23.033 21557 -20.463 21558 -47.71 21559 -105.47
21560 -172.41 21561 -87.783 21562 -30.758 21563 -33.213 21564 -29.733 21565 -331.4
21566 -31.86 21567 -49.145 21568 -98.984 21569 34.391 21570 -55.258 21571 -69.595 21572
-51.313 21573 -78.226 21574 -154.57 21575 -135.99 21576 -202.93 21577 -172.92 21578
-68.032 21579 -68.685 21580 -85.899 21581 -143.14 21582 -170.87 21583 -122.79 21584
-85.852 21585 -152.29 21586 -104.83 21587 -316. 21588 -202.47 21589 -179.29 21590
-103.19 21591 -154.17 21592 -207.02 21593 -158.94 21594 -167.1 21595 -122. 21596 -188.44
21597 -212.88 21598 -90.329 21599 -308.73 21600 -195.2 21601 -137.43 21602 -146.9 21603
-177.77 21604 -176.87 21605 -111.74 21606 -108.68 21607 -242.72 21608 -114.47 21609
-210.87 21610 -155.79 21611 -196.12 21612 -195.22 21613 -227.76 21614 -248.57 21615
-125.06 21616 -258. 21617 -226.14 21618 -226.19 21619 -174.96 21620 -211.4 21621 -215.09
21622 -210.5 21623 -214.55 21624 -93.196 21625 -91.039 21626 -184.55 21627 -140.94
21628 -177.38 21629 -181.06 21630 -136.14 21631 -193.07 21632 -201.08 21633 -75.999
21634 -84.068 21635 -87.935 21636 -171.08 21637 -83.299 21638 -162.36 21639 -186.01

21640 -120.49 21641 -163.91 21642 -151.54 21643 -167.59 21644 -162.42 21645 -45.348
21646 -64.119 21647 -52.792 21648 -131.7 21649 -155.36 21650 -89.84 21651 -120.89 21652
-59.321 21653 -68.318 21654 -159.56 21655 -75.253 21656 -125.09 21657 8.2827 21658
-6.1892 21659 -16.454 21660 -35.959 21661 -29.602 21662 -23.24 21663 -23.295 21664
-5.9424 21665 -11.204 21666 -77.751 21667 -20.47 21668 -20.194 21669 -42.461 21670
-22.807 21671 -45.733 21672 -74.491 21673 -51.668 21674 10.912 21675 9.9476 21676
12.548 21677 9.338 21678 -3.2003 21679 3.162 21680 3.1062 21681 20.459 21682 -14.431
21683 -2.7458 21684 1.8586 21685 -7.5275 21686 -12.358 21687 16.345 21688 -16.01 21689
-14.241 21690 -392.82 21691 -7.2356 21692 8.9755 21693 -13.984 21694 -137.13 21695
-20.792 21696 -25.622 21697 -17.299 21698 3.0808 21699 -65.165 21700 -14.93 21701
-15.639 21702 -393.22 21703 -7.6311 21704 -29.695 21705 -137.52 21706 -60.214 21707
-51.609 21708 -98.747 21709 -50.196 21710 -140.68 21711 -113.47 21712 -66.374 21713
-174.2 21714 -96.893 21715 -174.04 21716 -187.29 21717 -73.615 21718 -124.76 21719
-166.69 21720 -157.48 21721 -139.48 21722 -109.71 21723 -145.22 21724 -207.46 21725
-93.531 21726 -93.79 21727 -204.61 21728 -94.967 21729 -177.65 21730 -129.88 21731
-165.4 21732 -176.59 21733 -85.454 21734 -199.42 21735 -179.23 21736 -172.47 21737
-131.64 21738 -143.62 21739 -79.656 21740 -78.203 21741 -157.59 21742 -82.859 21743
-171.97 21744 -133.49 21745 -165.22 21746 -124.39 21747 -136.37 21748 -136.37 21749
-52.351 21750 -127.87 21751 -103.77 21752 -77.89 21753 -106.65 21754 -83.825 21755
-106.65 21756 -66.272 21757 -36.766 21758 -98.456 21759 -108.98 21760 -64.563 21761
-92.971 21762 -49.101 21763 -110.03 21764 -49.579 21765 -120.56 21766 -143.45 21767
-169.63 21768 -81.837 21769 -22.671 21770 -22.261 21771 -58.074 21772 -94.479 21773
-50.058 21774 -32.782 21775 -26.445 21776 -58.636 21777 -26.667 21778 -24.973 21779
-45.849 21780 -62.599 21781 -81.663 21782 -32.433 21783 -69.043 21784 -6.335 21785
-5.7242 21786 -4.4219 21787 -7.397 21788 -6.557 21789 -6.361 21790 -42.49 21791 -12.323
21792 -48.934 21793 -27.639 21794 -23.77 21795 -20.918 21796 -23.893 21797 -36.511 21798
-78.968 21799 -58.986 21800 -76.109 21801 -4.7982 21802 -5.744 21803 18.295 21804
-5.0475 21805 -80.679 21806 -114.09 21807 -18.485 21808 -60.942 21809 -58.083 21810
-33.786 21811 -167.81 21812 -10.64 21813 -10.359 21814 13.749 21815 -85.225 21816
-118.63 21817 -31.582 21818 -62.629 21819 -182.89 21820 -25.721 21821 -36.423 21822
-24.56 21823 -149.7 21824 -133.72 21825 -46.664 21826 -115.92 21827 -77.71 21828 -29.07
21829 -84.848 21830 -157.97 21831 -187.24 21832 -27.389 21833 -40.773 21834 -154.05
21835 -120.27 21836 -69.044 21837 -33.42 21838 -185.25 21839 -56.171 21840 -54.668
21841 -107.51 21842 -54.333 21843 -200.64 21844 -237.36 21845 -181.33 21846 -147.55
21847 -96.323 21848 -60.699 21849 -38.15 21850 -39.325 21851 -92.461 21852 -132.5 21853
-158.68 21854 -70.886 21855 -57.625 21856 -18.438 21857 -42.392 21858 -37.603 21859
-74.986 21860 -71.349 21861 -69.568 21862 -48.863 21863 -70.573 21864 -191.2 21865
-46.307 21866 -132.14 21867 -74.691 21868 -103.17 21869 -140.84 21870 -99.53 21871
-35.214 21872 -35.53 21873 -85.178 21874 -36.265 21875 -115.34 21876 -54.695 21877
-123.84 21878 -92.079 21879 -88.441 21880 -98.002 21881 -78.294 21882 -34.285 21883
-85.668 21884 -115.83 21885 -64.151 21886 -57.393 21887 -98.895 21888 -98.492 21889
-36.88 21890 -37.335 21891 -35.784 21892 -102.49 21893 -105.74 21894 -38.957 21895
-163.55 21896 -118.42 21897 -59.989 21898 -101.49 21899 -110.41 21900 -59.435 21901
-59.994 21902 -57.752 21903 -124.46 21904 -185.52 21905 -87.8 21906 -81.957 21907
-123.46 21908 -45.02 21909 -91.173 21910 -47.423 21911 -122.55 21912 -168.4 21913 -171.1
21914 -73.385 21915 -122.15 21916 -109.04 21917 -71.89 21918 -208.82 21919 -67.434
21920 -110.23 21921 -141.61 21922 -187.46 21923 -183.93 21924 -88.951 21925 -141.21
21926 -185.3 21927 -146.6 21928 -4.391 21929 -5.2113 21930 -0.91113 21931 -5.2083 21932
-121.71 21933 -26.728 21934 -78.982 21935 -45.918 21936 -168.31 21937 -171.17 21938
-30.845 21939 -30.637 21940 -25.479 21941 -146.28 21942 -113.09 21943 -56.435 21944
-120.84 21945 -155.43 21946 -17.961 21947 -16.271 21948 -16.749 21949 -100.21 21950
-43.551 21951 -107.95 21952 -21.536 21953 -21.776 21954 -20.874 21955 -104.81 21956
-47.364 21957 -75.84 21958 -113.51 21959 -201.27 21960 -221.06 21961 -248.25 21962
-197.16 21963 -204.52 21964 -220.44 21965 -187.19 21966 -229.92 21967 35.034 21968
-223.91 21969 -206.87 21970 -168.39 21971 -157.54 21972 -58.966 21973 -164.45 21974
-203.99 21975 -207.04 21976 -212.4 21977 -214.2 21978 -217.85 21979 -200.11 21980
-197.66 21981 -36.63 21982 -49.756 21983 -196.23 21984 -155.24 21985 -190.9 21986 -190.9

21987 -197.83 21988 -185.79 21989 -202.31 21990 -193.6 21991 -30.117 21992 -144.33 21993
-179.28 21994 -158.97 21995 -208.14 21996 13.479 21997 -24.738 21998 13.412 21999
-124.01 22000 -138.95 22001 -164.58 22002 -29.529 22003 -153.6 22004 -227.35 22005
-71.527 22006 2.2685 22007 -181.91 22008 -167.53 22009 -188.63 22010 -135.22 22011
-175.79 22012 1.6061 22013 -189.04 22014 23.766 22015 -232.95 22016 -205.36 22017
-212.93 22018 -109.76 22019 -79.531 22020 -212.97 22021 -196.64 22022 -197.03 22023
-201.87 22024 -197.04 22025 -206.96 22026 -234.07 22027 -37.589 22028 -210.52 22029
-196.48 22030 -107.35 22031 -228.22 22032 -185.08 22033 -210.56 22034 -164.51 22035
-204.56 22036 -183.82 22037 -257.71 22038 -200.01 22039 -217.99 22040 -219.6 22041
-168.04 22042 -183.13 22043 -229.14 22044 -280.67 22045 -257.28 22046 -238.1 22047
-242.19 22048 -255.78 22049 -222.6 22050 -217.39 22051 -193.72 22052 -259.18 22053
-249.25 22054 -185.49 22055 -295.42 22056 -137.84 22057 -216.32 22058 -364.05 22059
-307.02 22060 -260.13 22061 -280.96 22062 -258.64 22063 -262.03 22064 -260.01 22065
-304.18 22066 -228.2 22067 -375.32 22068 -375.94 22069 -292.85 22070 -285.22 22071
-262.13 22072 -277.22 22073 -271.9 22074 -279.71 22075 -372.2 22076 -358.19 22077
-291.69 22078 -282.1 22079 -274.1 22080 -287.65 22081 -328.28 22082 -293.04 22083
-336.86 22084 -302.65 22085 -398.17 22086 -270.36 22087 -273.77 22088 -263.36 22089
-254.46 22090 -252.76 22091 -288.83 22092 -170.45 22093 -234.33 22094 -322.31 22095
-319.95 22096 -285.25 22097 -292.63 22098 -283.72 22099 -260. 22100 -267.74 22101
-239.47 22102 -125.08 22103 -261.9 22104 -206.25 22105 -259.17 22106 -291.87 22107
-257.17 22108 -231.92 22109 -239.66 22110 -208.27 22111 -242.99 22112 -19.771 22113
-24.689 22114 -168.04 22115 -117.97 22116 -101.9 22117 -23.064 22118 8.9777 22119 -216.32
22120 108.18 22121 -18.903 22122 -351.98 22123 -389. 22124 -417.59 22125 -241.06 22126
-288.98 22127 -195.65 22128 -309.49 22129 -315.99 22130 26.281 22131 62.277 22132
157.42 22133 211.12 22134 135.56 22135 203.16 22136 278.22 22137 252.62 22138 207.61
22139 178.47 22140 130.3 22141 155.99 22142 183.1 22143 199.14 22144 238.02 22145
214.75 22146 205.94 22147 193. 22148 85.985 22149 170.34 22150 336.6 22151 339.3 22152
346.87 22153 309.3 22154 330.49 22155 290.32 22156 324.75 22157 80.676 22158 -30.741
22159 -25.9 22160 25.962 22161 66.431 22162 291.82 22163 -140.21 22164 -23.171 22165
600.88 22166 567.26 22167 616.3 22168 317.64 22169 259.83 22170 395.62 22171 339.19
22172 293.15 22173 -235.75 22174 -155.66 22175 -328.22 22176 -209.76 22177 -214.84
22178 -168.3 22179 -219.72 22180 -172.78 22181 -179.01 22182 -190.75 22183 -200.97
22184 -133.88 22185 -190.32 22186 -221.45 22187 -189.35 22188 -161.53 22189 -148.86
22190 -97.334 22191 -187.61 22192 -184.64 22193 -215.11 22194 -250.88 22195 -216.96
22196 -186.65 22197 -190.96 22198 -190.39 22199 -198.78 22200 -214.07 22201 -11.222
22202 113.69 22203 114.08 22204 -0.60471 22205 16.617 22206 -21.91 22207 -39.886 22208
33.778 22209 -0.24298 22210 28.049 22211 37.803 22212 31.639 22213 234.2 22214 147.57
22215 178.57 22216 129.72 22217 35.747 22218 89.501 22219 59.093 22220 118.14 22221
137.16 22222 29.793 22223 132.06 22224 179.2 22225 75.927 22226 -3.537 22227 85.595
22228 7.8655 22229 31.218 22230 17.643 22231 49.194 22232 45.702 22233 164.83 22234
245.19 22235 406.04 22236 21.057 22237 181.82 22238 96.465 22239 53.314 22240 125.29
22241 130.98 22242 474.28 22243 32.392 22244 482.47 22245 38.198 22246 48.268 22247
4.5243 22248 16.293 22249 332.04 22250 331.98 22251 16.899 22252 196.17 22253 172.46
22254 462.46 22255 48.804 22256 84.246 22257 50.373 22258 327.91 22259 366.06 22260
196.73 22261 200.37 22262 181.25 22263 249.12 22264 206.54 22265 164.93 22266 362.88
22267 38.346 22268 49.847 22269 282.01 22270 268.88 22271 144.01 22272 154.47 22273
131.92 22274 122.04 22275 144.15 22276 175.78 22277 156.33 22278 126.42 22279 272.61
22280 108.63 22281 -3.8337 22282 116.62 22283 215.2 22284 -34.176 22285 83.671 22286
109.72 22287 142.32 22288 116.87 22289 122.1 22290 72.735 22291 5.3011 22292 70.849
22293 36.679 22294 34.152 22295 185.12 22296 105.87 22297 -123.5 22298 -156.19 22299
-44.886 22300 -96.244 22301 -75.717 22302 -36.131 22303 -63.344 22304 147.77 22305
179.83 22306 171.22 22307 255.29 22308 -199.09 22309 -163.85 22310 -161.49 22311
-81.011 22312 136.29 22313 -84.377 22314 167.27 22315 -147.09 22316 90.071 22317 88.731
22318 173.96 22319 191.94 22320 -262.44 22321 -271.01 22322 7.7601 22323 -149.18 22324
-131.42 22325 22.088 22326 -147.73 22327 -105.64 22328 153.57 22329 164.53 22330 148.59
22331 -305.41 22332 -291.41 22333 -138.15 22334 -215.31 22335 -151.81 22336 -40.467
22337 1.697 22338 -91.705 22339 108.69 22340 -78.267 22341 -5.0384 22342 47.961 22343

-205.42 22344 -148.39 22345 -58.605 22346 33.247 22347 101.77 22348 1.5834 22349 1.5555
22350 -76.522 22351 35.762 22352 59.444 22353 -60.548 22354 -113.7 22355 -94.525 22356
-35.175 22357 -52.13 22358 -73.812 22359 -7.6626 22360 -23.744 22361 -130.44 22362
-113.22 22363 -66.606 22364 -96.057 22365 -92.032 22366 -203.7 22367 -110.58 22368
-77.475 22369 -225.13 22370 -114. 22371 -92.188 22372 -123.88 22373 -136.53 22374
-26.412 22375 -141.1 22376 -146.4 22377 -82.697 22378 -79.765 22379 -93.518 22380 -109.6
22381 -3.3052 22382 26.544 22383 69.924 22384 57.811 22385 331.89 22386 86.397 22387
176.73 22388 230.13 22389 -160.42 22390 -107.23 22391 -97.137 22392 -100.56 22393
-78.751 22394 -10.229 22395 43.522 22396 -82.379 22397 -20.957 22398 178.24 22399
234.83 22400 133.37 22401 39.66 22402 117.89 22403 -16.042 22404 68.862 22405 25.438
22406 13.443 22407 269.44 22408 267.74 22409 103.95 22410 63.32 22411 196.52 22412
51.999 22413 188.6 22414 158.29 22415 -38.298 22416 -14.852 22417 -8.7103 22418 -75.541
22419 232.67 22420 239.64 22421 94.659 22422 52.763 22423 41.148 22424 -52.69 22425
-37.733 22426 131.39 22427 37.286 22428 25.604 22429 115.52 22430 -31.143 22431 -63.207
22432 -26.332 22433 -16.187 22434 197.42 22435 58.833 22436 137.06 22437 32.143 22438
121.72 22439 112.11 22440 53.381 22441 57.356 22442 79.374 22443 5.8909 22444 65.734
22445 88.584 22446 20.245 22447 16.709 22448 37.719 22449 60.687 22450 32.058 22451
-123.23 22452 -56.674 22453 92.599 22454 42.804 22455 63.269 22456 -101.26 22457
-112.06 22458 -77.532 22459 -32.428 22460 -35.927 22461 26.019 22462 16.408 22463
-31.634 22464 -23.357 22465 -42.641 22466 -29.167 22467 -16.326 22468 -177.94 22469
-11.058 22470 -16.867 22471 -23.169 22472 -171.73 22473 -95.598 22474 -43.263 22475
-15.098 22476 -15.924 22477 -94.896 22478 -102.31 22479 -108.79 22480 -116.68 22481
-85.428 22482 -100.1 22483 -117.91 22484 32.292 22485 46.132 22486 -18.208 22487 11.219
22488 -159.94 22489 -175.21 22490 -93.299 22491 -10.963 22492 -328.56 22493 -112.01
22494 -118.43 22495 -111.72 22496 -129. 22497 -95.137 22498 -91.408 22499 -66.85 22500
66.285 22501 65.525 22502 -120.14 22503 -152.84 22504 -47.45 22505 -273.5 22506 -269.49
22507 -252.94 22508 -56.94 22509 -128.92 22510 -150.8 22511 -36.343 22512 -83.666 22513
61.521 22514 61.308 22515 -156.84 22516 -138.98 22517 -51.454 22518 -55.301 22519
-273.49 22520 -253.71 22521 -68.793 22522 -132.92 22523 -131.22 22524 -212.55 22525
-118.14 22526 48.497 22527 72.322 22528 55.646 22529 -151.79 22530 -167.54 22531
-143.34 22532 -68.113 22533 -58.885 22534 -211.67 22535 -266.52 22536 -219.32 22537
-76.482 22538 -136.6 22539 -144.03 22540 -185.86 22541 -132.43 22542 33.978 22543 35.337
22544 -165.01 22545 -138.63 22546 -78.993 22547 -80.552 22548 -64.803 22549 -233.34
22550 -138.24 22551 -163.64 22552 -158.27 22553 -128.87 22554 42.721 22555 42.414 22556
-131.24 22557 -112.97 22558 -71.608 22559 -57.419 22560 -130.86 22561 -51.681 22562
-31.377 22563 -132.19 22564 38.59 22565 39.422 22566 -116.8 22567 -100.31 22568 -75.432
22569 -68.067 22570 -55.505 22571 29.372 22572 14.737 22573 -35.2 22574 2.8889 22575
35.389 22576 -140.56 22577 39.927 22578 58.574 22579 37.15 22580 -99.807 22581 -89.139
22582 -79.37 22583 -67.562 22584 -61.77 22585 29.877 22586 85.093 22587 -34.959 22588
3.3941 22589 50.548 22590 42.159 22591 110.36 22592 -146.6 22593 28.267 22594 30.889
22595 -88.253 22596 -85.789 22597 -70.653 22598 -73.793 22599 76.21 22600 123.83 22601
-27.905 22602 33.276 22603 116.53 22604 -134.37 22605 33.733 22606 34.516 22607 -82.945
22608 -95.881 22609 -70.949 22610 94.19 22611 126.67 22612 111.46 22613 -25.061 22614
-45.804 22615 5.7181 22616 119.37 22617 50.928 22618 138.2 22619 -76.389 22620 -87.386
22621 43.905 22622 39.46 22623 -78.156 22624 -63.079 22625 59.104 22626 103.58 22627
-36.416 22628 -27.508 22629 43.225 22630 -72.6 22631 -67.001 22632 77.055 22633 70.152
22634 -40.561 22635 -70.649 22636 -25.544 22637 10.052 22638 96.699 22639 32.903 22640
-21.508 22641 -16.474 22642 -6.2808 22643 -35.005 22644 5.0056 22645 251.4 22646 128.29
22647 194.31 22648 76.862 22649 92.363 22650 102.23 22651 76.268 22652 128.58 22653
156.74 22654 72.282 22655 77.631 22656 86.413 22657 71.279 22658 149.96 22659 195.9
22660 92.759 22661 -224.74 22662 -241.46 22663 0.78958 22664 -138.46 22665 311.18
22666 153.29 22667 142.13 22668 -109.46 22669 116.07 22670 90.108 22671 -23.179 22672
86.642 22673 257.14 22674 158.1 22675 -57.13 22676 -24.873 22677 117.16 22678 141.29
22679 115.84 22680 76.119 22681 159.62 22682 -237.26 22683 -201.09 22684 -104.24 22685
-13.926 22686 4.4928 22687 290.7 22688 98.897 22689 156.68 22690 159.96 22691 -220.8
22692 -169.74 22693 -55.193 22694 13.638 22695 -39.376 22696 -76.808 22697 34.122 22698
3.5566 22699 -135.77 22700 -110.66 22701 212.82 22702 142.53 22703 153.25 22704 -101.45

22705 -69.196 22706 72.834 22707 8.4695 22708 6.4975 22709 -49.638 22710 -90.575 22711
-28.989 22712 -0.77948 22713 -58.253 22714 -76.371 22715 -11.984 22716 -16.469 22717
-23.381 22718 -21.943 22719 -12.313 22720 -71.732 22721 -27.824 22722 -23.255 22723
-15.51 22724 -49.671 22725 -25.383 22726 -20.744 22727 -15.123 22728 -17.932 22729
-19.488 22730 -103.4 22731 -67.894 22732 -43.179 22733 -20.368 22734 -64.494 22735
-23.868 22736 -22.688 22737 -19.951 22738 -20.59 22739 -22.562 22740 -86.36 22741
-47.264 22742 -276.28 22743 -39.819 22744 -37.543 22745 -37.092 22746 -32.226 22747
-32.161 22748 -95.7 22749 -153.13 22750 -98.187 22751 -293.55 22752 -35.74 22753 -36.01
22754 -31.367 22755 -120.24 22756 -164.42 22757 -21.359 22758 -20.935 22759 -26.108
22760 -19.586 22761 -23.333 22762 -107.8 22763 -57.703 22764 -162.19 22765 -36.842
22766 -27.033 22767 -27.995 22768 -37.195 22769 -29.819 22770 -25.939 22771 -34.708
22772 -110.22 22773 -124.92 22774 -23.14 22775 -23.715 22776 -23.038 22777 -113.91 22778
-65.494 22779 -76.882 22780 -148.38 22781 -39.19 22782 -28.854 22783 -30.389 22784
-28.778 22785 -25.391 22786 -132.91 22787 -128.03 22788 -119.22 22789 -120.69 22790
-28.116 22791 -21.702 22792 -22.819 22793 -27.788 22794 -26.137 22795 -21.235 22796
-26.995 22797 -78.698 22798 -115.55 22799 -117.25 22800 -21.152 22801 -13.574 22802
-18.789 22803 -16.142 22804 -86.952 22805 -77.344 22806 -314.5 22807 -242.48 22808
-34.648 22809 -34.281 22810 -36.741 22811 -27.322 22812 -30.781 22813 -74.349 22814
-140.36 22815 -21.844 22816 -24.626 22817 -19.279 22818 -18.99 22819 -100.6 22820
-64.495 22821 -64.605 22822 -15.746 22823 -18.761 22824 -22.083 22825 -15.664 22826
-15.379 22827 -15.654 22828 -99.277 22829 -35.663 22830 -50.522 22831 -38.303 22832
-14.304 22833 -25.502 22834 -22.597 22835 -18.567 22836 -16.394 22837 -123.99 22838
-121.98 22839 -54.828 22840 -6.7034 22841 -13.999 22842 -31.068 22843 -30.239 22844
-23.8 22845 -20.59 22846 -150.19 22847 -131.07 22848 -60.276 22849 -94.822 22850 -6.815
22851 -28.842 22852 -26.647 22853 -6.0778 22854 -18.07 22855 -17.15 22856 -126.9 22857
-48.801 22858 -20.219 22859 -19.205 22860 -10.639 22861 -10.235 22862 -83.27 22863
-29.239 22864 -187.12 22865 -236.57 22866 86.772 22867 -35.222 22868 -35.124 22869
-16.974 22870 -27.489 22871 43.852 22872 85.104 22873 3.9179 22874 -31.103 22875
-25.149 22876 6.4742 22877 -11.734 22878 -13.274 22879 -115.92 22880 -32.579 22881
-42.597 22882 97.703 22883 8.6433 22884 -24.786 22885 -25.805 22886 -13.121 22887
-98.142 22888 -116.11 22889 -21.957 22890 75.528 22891 7.8017 22892 -20.313 22893
-23.988 22894 -8.9509 22895 -9.344 22896 -113.84 22897 -7.0622 22898 -11.566 22899 -75.21
22900 128.29 22901 -33.722 22902 -33.662 22903 -16.523 22904 -141.96 22905 6.2779 22906
76.667 22907 4.8312 22908 -17.784 22909 -20.732 22910 9.0065 22911 -6.8805 22912
-8.3131 22913 -77.654 22914 -16.481 22915 -13.268 22916 -22.525 22917 -21.225 22918
5.3376 22919 -9.1889 22920 -8.9262 22921 -104. 22922 -26.108 22923 -185.78 22924 -36.013
22925 -40.22 22926 -20.481 22927 -19.865 22928 -27.601 22929 -16.927 22930 -231.9 22931
-24.339 22932 -17.762 22933 -11.853 22934 -5.9003 22935 -29.897 22936 -21.987 22937
-4.0449 22938 38.197 22939 -33.379 22940 -28.245 22941 -2.7422 22942 -16.64 22943
-10.881 22944 -105.09 22945 -48.403 22946 -5.3502 22947 -5.4343 22948 -20.932 22949
-21.163 22950 -11.283 22951 -11.478 22952 -75.09 22953 -42.569 22954 -40.505 22955
-604.59 22956 -629.12 22957 -570.23 22958 -325.67 22959 -449.69 22960 -664.89 22961
-386.63 22962 -380.42 22963 -360.51 22964 -490.37 22965 -325.64 22966 -404.14 22967
-422.71 22968 -450.2 22969 -522.5 22970 -465.73 22971 -261.5 22972 -448.88 22973 -340.91
22974 -336.18 22975 -389.35 22976 -413.6 22977 -540.48 22978 -482.21 22979 -389.02
22980 -439.56 22981 -360.13 22982 -371.36 22983 -407.28 22984 -319.59 22985 -461.24
22986 -431.75 22987 -368.05 22988 -392.4 22989 -337.95 22990 -346.65 22991 -363.25
22992 -335.88 22993 -356.77 22994 -187.42 22995 -462.37 22996 -528.39 22997 -389.12
22998 -385.03 22999 -377.27 23000 -380.4 23001 -360.03 23002 -325.01 23003 -515.74
23004 -517.26 23005 -390.34 23006 -360.83 23007 -379.92 23008 -370.35 23009 -367.76
23010 -312.28 23011 -294.61 23012 -769.9 23013 -598.97 23014 -616.95 23015 -331.69 23016
-777.6 23017 -405.07 23018 -616.06 23019 -494.28 23020 -593.97 23021 -526.89 23022
-612.58 23023 -316.89 23024 -319.06 23025 -542.64 23026 -553.45 23027 -446.05 23028
-480.17 23029 -424.76 23030 -517.91 23031 -830.59 23032 -701.5 23033 -625.93 23034
-402.18 23035 -772.62 23036 -814.92 23037 -455.68 23038 -621.53 23039 -589.42 23040
-663.88 23041 -663.79 23042 -465.78 23043 -645.63 23044 -618.39 23045 -581.91 23046
-717.83 23047 -399.4 23048 -441.77 23049 -495.37 23050 -625.53 23051 -556.13 23052

-565.02 23053 -562.01 23054 -672.88 23055 -373.22 23056 -383.63 23057 -599.02 23058
-591.85 23059 -551.72 23060 -564.72 23061 -722.81 23062 -666.18 23063 -380.64 23064
-416.36 23065 -572.26 23066 -523.32 23067 -614.53 23068 -633.87 23069 -715.98 23070
-747.33 23071 -421.61 23072 -459.04 23073 -569.29 23074 -622.18 23075 -557.24 23076
-343.24 23077 -458.69 23078 -419.9 23079 -222.23 23080 -347.36 23081 -293.73 23082
-328.97 23083 -323.94 23084 -335.55 23085 -396.96 23086 -299.01 23087 -563.23 23088
-512.81 23089 -304.13 23090 -301.32 23091 -444.63 23092 -520.59 23093 -515.56 23094
-420.46 23095 -421.91 23096 -393.69 23097 -445.88 23098 -333.32 23099 -452.44 23100
-545.99 23101 -501.7 23102 -287.56 23103 -358.54 23104 -456.61 23105 -352.22 23106
-348.58 23107 -413.15 23108 -391.19 23109 -352.3 23110 -405.46 23111 -379.94 23112
-349.24 23113 -298.35 23114 -307.4 23115 -281.33 23116 -295.71 23117 -399.91 23118
-441.05 23119 -284.45 23120 -278.85 23121 -306.09 23122 -327.41 23123 -272.86 23124
-328.89 23125 -512.98 23126 -473.06 23127 -402.32 23128 -414.64 23129 -350.79 23130
-386.58 23131 -374.63 23132 -402.31 23133 -443.65 23134 -499.88 23135 -385.23 23136
-358.8 23137 -354.03 23138 -349.58 23139 -359.63 23140 -345.23 23141 -373.12 23142
-322.76 23143 -32.338 23144 -401.08 23145 -439.04 23146 -219.04 23147 98.805 23148
-128.09 23149 -290.52 23150 -228.5 23151 -315.96 23152 -236.87 23153 -304.85 23154
-245.3 23155 -98.969 23156 -219.64 23157 -195.04 23158 -387.46 23159 -347.21 23160
-199.77 23161 -200.49 23162 -31.656 23163 -83.019 23164 -177.33 23165 -221.73 23166
-157.46 23167 -137.15 23168 -189.7 23169 18.168 23170 -540.36 23171 -499.81 23172
-273.78 23173 -64.755 23174 -358.6 23175 -275.26 23176 -277.98 23177 159.71 23178
-320.77 23179 -467.33 23180 -393.26 23181 -42.21 23182 -67.693 23183 -336.71 23184
-362.84 23185 -342.27 23186 -100.49 23187 -178.12 23188 -341.31 23189 -346.57 23190
9.7424 23191 -85.861 23192 -287.34 23193 -238.52 23194 -84.34 23195 -136.41 23196
-347.35 23197 -328.55 23198 -10.163 23199 -292.45 23200 -304.61 23201 -152.76 23202
-27.191 23203 -356.22 23204 -402.59 23205 -26.976 23206 -312.49 23207 -319.07 23208
-345.6 23209 -78.396 23210 -20.504 23211 -69.241 23212 -448.45 23213 -391.36 23214
-68.016 23215 -193.57 23216 -189.91 23217 -51.383 23218 33.901 23219 -65.616 23220
-157.14 23221 -176.31 23222 -201.91 23223 -182.28 23224 -110.94 23225 -11.767 23226
-11.795 23227 -29.101 23228 -11.126 23229 -10.852 23230 -143.37 23231 -75.589 23232
-94.794 23233 25.337 23234 5.2264 23235 29.424 23236 54.359 23237 26.157 23238 24.155
23239 4.9871 23240 26.409 23241 25.274 23242 14.786 23243 -114.07 23244 -86.005 23245
-106.66 23246 -24.148 23247 -9.1109 23248 46.124 23249 27.629 23250 72.658 23251 83.022
23252 46.096 23253 45.989 23254 28.87 23255 46.141 23256 45.412 23257 45.937 23258
-48.634 23259 -33.951 23260 -117.9 23261 -88.362 23262 10.991 23263 25.01 23264 -61.96
23265 89.483 23266 120.01 23267 178.27 23268 94.121 23269 97.078 23270 92.862 23271
86.873 23272 11.106 23273 54.214 23274 51.067 23275 63.163 23276 8.2358 23277 107.96
23278 -34.054 23279 119.34 23280 195.82 23281 191.25 23282 117.75 23283 115.62 23284
112.99 23285 119.67 23286 28.658 23287 168.49 23288 73.565 23289 198.22 23290 70.846
23291 91.931 23292 106.7 23293 28.05 23294 87.533 23295 276.49 23296 46.854 23297
152.9 23298 95.155 23299 177.16 23300 189.61 23301 95.667 23302 99.752 23303 94.126
23304 96.609 23305 -8.3551 23306 -6.2304 23307 154.4 23308 -64.124 23309 66.355 23310
63.79 23311 107.64 23312 75.722 23313 196.96 23314 172.05 23315 99.826 23316 100.85
23317 78.346 23318 98.771 23319 105.33 23320 13.833 23321 -43.461 23322 -56.777 23323
109.27 23324 89.463 23325 163.78 23326 226.06 23327 285.17 23328 171.41 23329 167.95
23330 172.78 23331 167.37 23332 15.925 23333 -9.0137 23334 174.14 23335 160.15 23336
144.27 23337 151.5 23338 8.3094 23339 113.82 23340 77.021 23341 232.86 23342 174.29
23343 102.58 23344 108.24 23345 106.89 23346 112.54 23347 88.255 23348 -10.89 23349
23.555 23350 -61.321 23351 94.989 23352 110.85 23353 71.414 23354 -50.371 23355 -24.476
23356 25.986 23357 135.77 23358 201.26 23359 199.5 23360 136.18 23361 137.27 23362
135.27 23363 136.81 23364 136.12 23365 -1.2705 23366 129.06 23367 121.77 23368 107.7
23369 21.94 23370 165.01 23371 184.78 23372 98.215 23373 96.19 23374 99.951 23375
97.457 23376 97.343 23377 65.439 23378 80.075 23379 61.489 23380 58.616 23381 63.954
23382 72.169 23383 -28.844 23384 50.253 23385 -17.734 23386 41.815 23387 67.482 23388
172.66 23389 114.4 23390 89.791 23391 91.45 23392 87.631 23393 87.092 23394 91.707
23395 53.318 23396 23.26 23397 46.453 23398 71.755 23399 27.355 23400 91.624 23401
111.94 23402 67.218 23403 59.383 23404 38.245 23405 93.314 23406 99.039 23407 56.155

23408 55.368 23409 58.14 23410 54.754 23411 55.325 23412 -76.565 23413 -90.06 23414
-21.147 23415 33.348 23416 -17.543 23417 -63.757 23418 12.438 23419 16.564 23420 81.333
23421 32.57 23422 36.477 23423 35.391 23424 38.244 23425 34.737 23426 36.602 23427
-78.806 23428 -107.77 23429 -4.4935 23430 -13.956 23431 3.819 23432 -97.71 23433 -10.137
23434 4.559 23435 -1.4387 23436 3.2222 23437 2.5242 23438 4.6783 23439 2.8856 23440
5.3859 23441 -2.3159 23442 -117.97 23443 -111.1 23444 -132.61 23445 -40.709 23446
-36.502 23447 -16.684 23448 -28.153 23449 -64.147 23450 -29.324 23451 -26.757 23452
-29.009 23453 -26.976 23454 -28.714 23455 -160.8 23456 -61.25 23457 -87.059 23458
-90.606 23459 -84.907 23460 -82.372 23461 -96.072 23462 -49.912 23463 -51.837 23464
-47.749 23465 -50.137 23466 -49.642 23467 -151.43 23468 -89.544 23469 -106.45 23470
-87.382 23471 -163.57 23472 -176.23 23473 -81.482 23474 -105.81 23475 -154.73 23476
-60.567 23477 -66.403 23478 -63.468 23479 -67.125 23480 -63.148 23481 -60.237 23482
-152.25 23483 -145.8 23484 -161.17 23485 -181.04 23486 -125.83 23487 -99.813 23488
-336.2 23489 -211.62 23490 -243.28 23491 -126.82 23492 -130.31 23493 -130.76 23494
-124.25 23495 -129.63 23496 -338.95 23497 -237.93 23498 -172.4 23499 -206.09 23500
-245.3 23501 -217.08 23502 -156.71 23503 -385.9 23504 -210.26 23505 -167.8 23506 -94.26
23507 -91.144 23508 -91.749 23509 -91.138 23510 -98.569 23511 -140.09 23512 -317.16
23513 -305.93 23514 -273.83 23515 -141.11 23516 -123.6 23517 -150.18 23518 -119.91 23519
-188.12 23520 -246.18 23521 -112.27 23522 -115.99 23523 -117. 23524 -113.03 23525 -113.36
23526 -227.22 23527 -337.48 23528 -168.99 23529 -208.91 23530 -151.58 23531 -147.07
23532 -177.45 23533 -170.51 23534 -229.42 23535 -159.77 23536 -149.91 23537 -286.79
23538 -267.33 23539 -162.41 23540 -161.53 23541 -160.61 23542 -162.86 23543 -146.69
23544 -265.89 23545 -209.6 23546 -235.65 23547 -235.72 23548 -249.48 23549 -300.83
23550 -267.48 23551 -281.04 23552 -170.28 23553 -160. 23554 -276.3 23555 -280.93 23556
-174.25 23557 -170.17 23558 -170.93 23559 -171.87 23560 -264.45 23561 -231.83 23562
-250.03 23563 -280.16 23564 -257.64 23565 -289.39 23566 -180.81 23567 -172.31 23568
-289.98 23569 -265.92 23570 -182.38 23571 -181.4 23572 -182. 23573 -180.6 23574 -253.97
23575 -249.97 23576 -273.87 23577 -255.33 23578 -262.48 23579 -128.34 23580 -122.13
23581 -219.72 23582 -193.76 23583 -127. 23584 -122.68 23585 -126.18 23586 -127.39 23587
-128.3 23588 -209.53 23589 -177.73 23590 -245.01 23591 -298.62 23592 -189.57 23593
-241.23 23594 -135.3 23595 -131.5 23596 -428.55 23597 -199.29 23598 -237.23 23599
-137.23 23600 -136.77 23601 -139.78 23602 -131.03 23603 -127.07 23604 -123.92 23605
-338.67 23606 -282.05 23607 -364.31 23608 -202.05 23609 -262.02 23610 -88.184 23611
-198.23 23612 -142.6 23613 -92.573 23614 -87.259 23615 -90.816 23616 -96.742 23617
-299.67 23618 -198.75 23619 -208.14 23620 -160.76 23621 -135.74 23622 -141.85 23623
-135.13 23624 -213.93 23625 -238.19 23626 -294.89 23627 -57.076 23628 -60.494 23629
-114.94 23630 -95.95 23631 -54.459 23632 -58.012 23633 -55.286 23634 -57.364 23635
-59.271 23636 -116.73 23637 -171.09 23638 -100.52 23639 -92.659 23640 -88.282 23641
-163.96 23642 -143.36 23643 -150.18 23644 -44.87 23645 -86.156 23646 -65.609 23647
-42.288 23648 -45.597 23649 -42.996 23650 -44.284 23651 -158.7 23652 -87.02 23653
-93.045 23654 -98.241 23655 -172.1 23656 -74.331 23657 -135.39 23658 -23.224 23659
-2.5353 23660 -2.2617 23661 -20.926 23662 -8.9541 23663 -11.151 23664 -86.203 23665
-6.0085 23666 -3.605 23667 -1.8523 23668 -0.64006 23669 -17.363 23670 -12.794 23671
-22.845 23672 -9.9117 23673 -11.2 23674 -14.158 23675 -14.576 23676 -53.936 23677 -59.961
23678 -20.03 23679 -18.905 23680 -14.821 23681 -16.899 23682 -18.808 23683 -14.685
23684 -47.817 23685 -22.575 23686 -26.133 23687 -20.8 23688 -19.514 23689 -71.06 23690
-70.443 23691 -41.207 23692 -44.216 23693 -30.797 23694 -28.362 23695 -166.46 23696
-32.536 23697 -34.717 23698 -35.919 23699 -29.013 23700 -35.506 23701 -98.103 23702
-134.53 23703 -39.191 23704 -45.183 23705 -50.613 23706 -40.81 23707 -38.327 23708
-123.94 23709 -131.09 23710 -157.12 23711 -47.333 23712 -47.118 23713 -36.599 23714
-37.545 23715 -126.21 23716 -150.93 23717 -43.229 23718 -44.214 23719 -33.226 23720
-34.29 23721 -119.25 23722 -171.15 23723 -35.715 23724 -46.146 23725 -41.962 23726
-34.89 23727 -37.564 23728 -133.87 23729 -76.544 23730 -105.67 23731 -25.595 23732
-26.184 23733 -30.933 23734 -29.624 23735 -27.514 23736 -28.158 23737 -78.987 23738
-156.88 23739 -42.411 23740 -46.088 23741 -44.363 23742 -39.234 23743 -44.118 23744
-126.91 23745 -158.9 23746 -117.16 23747 -34.004 23748 -29.554 23749 -29.138 23750
-27.672 23751 -92.613 23752 -60.948 23753 -16.406 23754 -17.014 23755 -17.045 23756

-19.017 23757 -43.719 23758 -43.513 23759 -8.9646 23760 -8.2054 23761 -11.773 23762
-13.33 23763 -61.735 23764 6.393 23765 6.972 23766 8.6568 23767 0.5441 23768 0.34948
23769 -30.741 23770 61.593 23771 -4.8496 23772 21.071 23773 20.653 23774 6.987 23775
12.514 23776 -81.696 23777 -5.1551 23778 55.682 23779 17.692 23780 21.982 23781 8.7316
23782 14.102 23783 -1.9843 23784 129.37 23785 48.419 23786 49.784 23787 23.879 23788
27.433 23789 48.336 23790 100.76 23791 5.2313 23792 33.094 23793 31.794 23794 17.267
23795 16.82 23796 -2.7592 23797 107.4 23798 8.4733 23799 10.001 23800 42.256 23801
39.739 23802 23.161 23803 23.916 23804 14.251 23805 35.199 23806 170.99 23807 50.666
23808 57.222 23809 27.124 23810 28.718 23811 48.977 23812 109.53 23813 50.844 23814
46.784 23815 23.612 23816 28.816 23817 27.744 23818 132.31 23819 8.3576 23820 40.677
23821 43.923 23822 22.257 23823 23.459 23824 44.615 23825 12.647 23826 31.684 23827
34.167 23828 16.904 23829 24.095 23830 3.913 23831 6.3825 23832 46.564 23833 53.243
23834 27.65 23835 38.113 23836 25.501 23837 86.474 23838 31.681 23839 25.692 23840
13.657 23841 13.601 23842 1.982 23843 -2.9428 23844 -3.5843 23845 14.84 23846 15.365
23847 4.8979 23848 5.3625 23849 -64.523 23850 -5.5618 23851 -9.5359 23852 11.647 23853
10.512 23854 0.36309 23855 2.3224e-002 23856 -23.873 23857 1291.2 23858 815.21 23859
1726. 23860 1920. 23861 1208.3 23862 1169.3 23863 1284.5 23864 1432.8 23865 636.43
23866 881.42 23867 659.03 23868 802.1 23869 767.58 23870 540.68 23871 620.36 23872
604.06 23873 569.8 23874 842.42 23875 890.26 23876 539.47 23877 468.92 23878 261.15
23879 488.05 23880 545.94 23881 220.73 23882 919.56 23883 782.24 23884 481.44 23885
557.92 23886 487.51 23887 367.53 23888 504.35 23889 462.01 23890 540.89 23891 749.63
23892 656.9 23893 544.44 23894 448.84 23895 429.4 23896 450.36 23897 305.34 23898
-4.9742 23899 670.43 23900 886.76 23901 557.97 23902 532.49 23903 319. 23904 451.01
23905 370.3 23906 422.07 23907 -188.87 23908 -12.175 23909 -53.787 23910 27.878 23911
-94.963 23912 -193.03 23913 -149.58 23914 -36.319 23915 -88.73 23916 -142.01 23917
-21.557 23918 2.7487 23919 -48.665 23920 -146.14 23921 -107.86 23922 -58.1 23923 -63.872
23924 -179.8 23925 -153.37 23926 -114.94 23927 -100.87 23928 -117.33 23929 -54.71 23930
-43.281 23931 -158.32 23932 -170.64 23933 -111.25 23934 -105.78 23935 -91.827 23936
-43.481 23937 -45.222 23938 -112.59 23939 -101. 23940 -99.446 23941 -92.027 23942
-21.605 23943 -47.19 23944 -51.717 23945 -199.32 23946 -101.42 23947 -79.654 23948
-117.59 23949 -145.79 23950 -776.93 23951 -447.36 23952 -655.54 23953 -615.24 23954
-718.96 23955 -761.26 23956 -610.22 23957 -610.13 23958 -851.94 23959 -793.69 23960
-537.49 23961 -724.85 23962 -859.64 23963 -698.09 23964 -620.47 23965 -676.01 23966
-651.53 23967 -613.03 23968 -691.04 23969 -722.38 23970 -448.92 23971 -485.63 23972
-572.05 23973 -532.29 23974 -653.66 23975 -659.94 23976 -788.3 23977 -731.66 23978
-613.95 23979 -468.53 23980 -637.74 23981 -611.41 23982 -624.04 23983 -599.44 23984
-692.19 23985 -583.97 23986 -417.55 23987 -536.21 23988 -432.64 23989 -575.52 23990
-288.32 23991 -583.35 23992 -618.51 23993 -704.16 23994 -413.39 23995 -416.09 23996
-401.47 23997 -520.13 23998 -542.46 23999 -198.58 24000 -139.41 24001 161.33 24002
-61.569 24003 -197.25 24004 -103.42 24005 -122.02 24006 -176.34 24007 126.06 24008
190.27 24009 459.22 24010 -21.438 24011 -236.65 24012 192.03 24013 43.367 24014 191.16
24015 102.61 24016 128.33 24017 126.47 24018 -106.32 24019 -47.706 24020 -28.256 24021
-10.592 24022 -128.42 24023 163.75 24024 207.07 24025 -89.069 24026 -55.179 24027
18.457 24028 8.9344 24029 172.96 24030 108.08 24031 -98.833 24032 -123.18 24033 -66.659
24034 -10.087 24035 -116.9 24036 163.5 24037 142.83 24038 -43.418 24039 -93.95 24040
28.372 24041 26.019 24042 -242.85 24043 -366.73 24044 -302.84 24045 -378.81 24046
-278.68 24047 359.8 24048 215.14 24049 285. 24050 233.63 24051 149.12 24052 179.51
24053 178.4 24054 182.82 24055 140.87 24056 708.74 24057 908.32 24058 519.42 24059
604.7 24060 461.83 24061 505.19 24062 350.91 24063 553.43 24064 -393.21 24065 -302.23
24066 -425.49 24067 -436.3 24068 -353.6 24069 -363.02 24070 -379.46 24071 -242.95 24072
-267.67 24073 198.96 24074 219.43 24075 54.9 24076 44.094 24077 78.625 24078 142.86
24079 -5.7012 24080 1.1268 24081 65.933 24082 165.99 24083 -5.1748 24084 -20.44 24085
59.632 24086 194.66 24087 8.9866 24088 -23.706 24089 193.68 24090 -24.465 24091 -6.6048
24092 217.3 24093 -6.8175 24094 -22.568 24095 224.44 24096 1.257 24097 25.458 24098
209.13 24099 8.7808 24100 35.162 24101 210.18 24102 36.52 24103 54.792 24104 210.7
24105 54.484 24106 70.968 24107 230.18 24108 71.8 24109 82.468 24110 227.4 24111
101.12 24112 110.88 24113 208.6 24114 89.461 24115 91.924 24116 212.01 24117 94.545

24118 81.609 24119 208.35 24120 82.393 24121 90.729 24122 101.88 24123 197. 24124
86.284 24125 56.197 24126 49.294 24127 -149.76 24128 -115.23 24129 -70.127 24130
-73.627 24131 -153.74 24132 -84.432 24133 -88.932 24134 -162.18 24135 -77.604 24136
-80.266 24137 -82.104 24138 -210.13 24139 -95.531 24140 -104.75 24141 -93.641 24142
-224.97 24143 -137.44 24144 -222.86 24145 -119.58 24146 -123.43 24147 -214.41 24148
-139.18 24149 -129.95 24150 -163.83 24151 -105.75 24152 -119.17 24153 -77.81 24154
-79.368 24155 -84.418 24156 -59.538 24157 -52.173 24158 -57.266 24159 -35.69 24160
-36.829 24161 -25.021 24162 -19.229 24163 -24.596 24164 -9.4596 24165 -12.6 24166
-35.069 24167 -10.137 24168 -39.668 24169 -23.072 24170 -24.591 24171 -28.512 24172
-61.419 24173 -16.255 24174 -16.315 24175 -12.278 24176 -25.776 24177 -20.176 24178
-46.402 24179 -10.809 24180 -19.733 24181 -3.9849 24182 22.058 24183 2.348 24184 29.423
24185 29.159 24186 67.512 24187 5.0003 24188 34.951 24189 50.888 24190 112.07 24191
0.34144 24192 47.748 24193 27.005 24194 78.527 24195 -3.5803 24196 -1.2378 24197
2.7989 24198 25.486 24199 34.394 24200 -10.698 24201 -5.0991 24202 -4.798 24203 2.7385
24204 -0.50475 24205 7.7726 24206 -10.959 24207 -4.0045 24208 -7.5955 24209 -15.011
24210 -12.798 24211 -22.837 24212 -10.257 24213 -32.327 24214 -38.749 24215 -15.459
24216 -11.73 24217 -35.901 24218 -49.393 24219 -41.544 24220 -113.52 24221 -20.946 24222
-30.52 24223 -53.24 24224 -48.118 24225 -115.66 24226 -5.5438 24227 -38.89 24228 -99.01
24229 282.28 24230 16.128 24231 128.06 24232 181.97 24233 233.37 24234 207.14 24235
-224.2 24236 4.8097 24237 250.78 24238 207.5 24239 162.04 24240 132.51 24241 101.21
24242 175.64 24243 -213.48 24244 20.169 24245 186.76 24246 121.27 24247 200.35 24248
-230.98 24249 -188.77 24250 44.886 24251 -1.976 24252 33.346 24253 90.049 24254 130.52
24255 101.5 24256 247.47 24257 40.916 24258 231.43 24259 249.46 24260 385.68 24261
401.01 24262 304.71 24263 513.16 24264 562.2 24265 529.91 24266 556.33 24267 75.392
24268 -9.9105 24269 81.635 24270 285.1 24271 239.05 24272 313.03 24273 462.27 24274
284.27 24275 251.31 24276 243.33 24277 246.95 24278 401.72 24279 547.32 24280 506.16
24281 396.29 24282 93.845 24283 91.927 24284 270.51 24285 316.04 24286 339.27 24287
458.39 24288 324.04 24289 459.78 24290 325.91 24291 -7.0783 24292 44.151 24293 212.51
24294 199.23 24295 253.98 24296 311.22 24297 213.6 24298 162.01 24299 358.74 24300
375.88 24301 362.02 24302 1.4815 24303 215.7 24304 162.69 24305 174.34 24306 235.4
24307 257.84 24308 -105.19 24309 -176.1 24310 30.63 24311 29.131 24312 84.292 24313
102.71 24314 65.814 24315 113.95 24316 89.709 24317 110.21 24318 82.65 24319 114.64
24320 1.6077 24321 -62.569 24322 -14.032 24323 9.3779 24324 -337.23 24325 -337.28 24326
-214.75 24327 -215.68 24328 -9.608 24329 -40.027 24330 -25.138 24331 -120.51 24332
-41.025 24333 -7.7875 24334 -35.866 24335 -29.895 24336 -35.497 24337 -29.63 24338
-34.548 24339 -105.33 24340 -38.143 24341 -111.76 24342 -313.58 24343 -342.16 24344
-273.8 24345 -265.3 24346 -177.25 24347 -188.47 24348 -179.88 24349 -234.06 24350
-240.57 24351 -21.523 24352 -24.824 24353 -21.073 24354 -21.805 24355 -24.891 24356
-21.196 24357 -22.719 24358 -47.383 24359 -38.034 24360 -15.476 24361 -7.7573 24362
-7.0517 24363 -9.4331 24364 -9.3235 24365 -16.672 24366 -23.626 24367 -13.656 24368
-12.167 24369 -17.76 24370 -19.406 24371 -44.07 24372 -26.359 24373 -16.39 24374 -34.72
24375 -2.0665 24376 -2.143 24377 -4.3383 24378 -2.4136 24379 -8.6711 24380 -152.23 24381
-127.69 24382 -159.24 24383 -118.95 24384 -67.069 24385 -107.25 24386 -2.0037 24387
-3.7109 24388 -2.271 24389 -5.9036 24390 -9.0834 24391 -6.8394 24392 -10.015 24393
-77.378 24394 -90.469 24395 -99.3 24396 -122.69 24397 -70.713 24398 -71.82 24399 -67.029
24400 -107.5 24401 -133.86 24402 -56.127 24403 -52.924 24404 -49.778 24405 -45.88 24406
36.34 24407 -5.5554 24408 -48.129 24409 -91.206 24410 -151.89 24411 -103.2 24412 -53.324
24413 -72.003 24414 -64.645 24415 41.646 24416 -66.164 24417 -0.47384 24418 -4.6299
24419 -0.7183 24420 -4.1426 24421 -7.6104 24422 -16.516 24423 -3.5304 24424 -5.1824
24425 -3.1495 24426 -10.301 24427 -18.92 24428 -5.5142 24429 -49.22 24430 -22.187 24431
-11.503 24432 -9.1765 24433 -33.419 24434 -12.913 24435 -95.672 24436 -53.35 24437
-121.52 24438 -38.305 24439 -24.224 24440 -35.383 24441 -101.56 24442 -119.16 24443
-105.39 24444 -9.8508 24445 -19.327 24446 -86.814 24447 -126.18 24448 -195.25 24449
-183.87 24450 -153.47 24451 -38.258 24452 -46.662 24453 -136.64 24454 -270.79 24455
-271.72 24456 -66.979 24457 -56.833 24458 -20.92 24459 -11.721 24460 -15.466 24461
-21.995 24462 -84.803 24463 -46.614 24464 -36.866 24465 -31.517 24466 -67.974 24467
-55.941 24468 -127.93 24469 -67.708 24470 -202.12 24471 -37.869 24472 -203.06 24473

-33.875 24474 -24.419 24475 -26.559 24476 -22.583 24477 -15.251 24478 -40.449 24479
-20.715 24480 -15.873 24481 -37.746 24482 -0.56505 24483 -32.402 24484 -7.8672 24485
-15.553 24486 -13.471 24487 -17.693 24488 -21.229 24489 -18.976 24490 -11.849 24491
-7.6642 24492 -12.703 24493 -5.8799 24494 -15.878 24495 -23.536 24496 -1.3455 24497
-1.4696 24498 -2.3683 24499 -3.4605 24500 -7.9978 24501 -3.1386 24502 -7.0357 24503
-1.3028 24504 -2.047 24505 -1.6987 24506 -12.54 24507 -6.2671 24508 -9.4427 24509
-22.027 24510 -13.202 24511 -15.051 24512 -26.451 24513 -28.265 24514 -18.464 24515
-18.404 24516 -18.647 24517 -23.641 24518 -21.657 24519 -51.546 24520 -49.928 24521
-11.747 24522 -10.559 24523 -30.293 24524 -32.979 24525 -11.835 24526 -14.076 24527
-24.242 24528 -22.652 24529 -40.09 24530 -66.05 24531 -63.936 24532 -7.6014 24533
-10.547 24534 -31.015 24535 -31.658 24536 -9.8708 24537 -12.112 24538 -19.458 24539
-17.217 24540 -52.912 24541 -72.162 24542 -83.889 24543 -61.972 24544 -47.146 24545
-9.1561 24546 22.886 24547 5.733 24548 23.084 24549 57.919 24550 -4.9949 24551 -4.2752
24552 5.8153 24553 9.7207 24554 14.826 24555 2.9049 24556 1.283 24557 -6.8264 24558
13.493 24559 6.5791 24560 -37.126 24561 28.147 24562 3.4608 24563 0.58998 24564 8.645
24565 -1.2027 24566 3.5838 24567 2.7089 24568 4.8321 24569 -1.7552 24570 3.7364 24571
178.12 24572 188.84 24573 134.32 24574 117.59 24575 265.05 24576 144.84 24577 112.04
24578 9.2755 24579 10.524 24580 19.812 24581 5.6598 24582 8.5918 24583 29.388 24584
6.0054 24585 9.428 24586 37.278 24587 55.8 24588 28.558 24589 54.272 24590 18.465
24591 25.895 24592 12.549 24593 5.5116 24594 145.38 24595 75.101 24596 109.46 24597
154.62 24598 62.833 24599 91.042 24600 90.757 24601 37.766 24602 33.568 24603 47.746
24604 59.676 24605 58.65 24606 112.68 24607 119.14 24608 120.67 24609 167.92 24610
322.01 24611 166.97 24612 187.66 24613 212.13 24614 76.135 24615 117.19 24616 377.85
24617 226.81 24618 220.84 24619 189.84 24620 101.04 24621 146.57 24622 201.53 24623
222.72 24624 161.24 24625 188.14 24626 182.54 24627 117.9 24628 216.98 24629 209.81
24630 196.87 24631 131.14 24632 174.21 24633 186.28 24634 157.15 24635 113.14 24636
114.59 24637 134.67 24638 161.77 24639 -3.7423 24640 -1.3132 24641 -1.4374 24642
-3.8876 24643 -1.708 24644 -7.9655 24645 -11.717 24646 -12.766 24647 -6.269 24648
-13.363 24649 -10.347 24650 68.492 24651 32.537 24652 89.412 24653 65.695 24654 111.62
24655 -43.851 24656 39.364 24657 -11.596 24658 -21.448 24659 -26.658 24660 -16.857
24661 -14.34 24662 -42.548 24663 -79.262 24664 -49.939 24665 -48.321 24666 9.0115 24667
-12.536 24668 7.735 24669 5.4942 24670 -2.7352 24671 -50.582 24672 -46.48 24673 -44.366
24674 9.2395 24675 9.916 24676 46.315 24677 21.04 24678 7.6752 24679 -36.321 24680
-32.845 24681 -67.796 24682 -64.102 24683 -42.185 24684 -27.36 24685 14.718 24686 36.163
24687 39.651 24688 -73.383 24689 9.8319 24690 18.094 24691 4.7292 24692 -2.6175 24693
-0.37639 24694 -30.305 24695 6.6822 24696 -1.5472 24697 -3.484 24698 -1.8938 24699
-45.292 24700 -8.0324 24701 -5.5159 24702 -7.9731 24703 -8.2155 24704 -39.496 24705
-144.88 24706 -90.974 24707 -39.567 24708 -285.21 24709 -239.76 24710 -268.13 24711
-21.061 24712 -21.794 24713 -42.453 24714 -21.184 24715 -38.022 24716 -181.16 24717
-257.43 24718 -240.35 24719 -245.23 24720 -173.04 24721 -169.56 24722 -204.52 24723
-216.26 24724 -163.49 24725 -225.01 24726 -218.96 24727 -191.13 24728 -178.46 24729
-169.78 24730 -217.21 24731 -192.58 24732 -196.25 24733 -145.8 24734 -164.12 24735
-124.92 24736 -161.63 24737 -176.25 24738 -191.54 24739 -130.69 24740 -29.166 24741
-23.299 24742 -31.812 24743 -21.569 24744 -63.765 24745 -105.43 24746 -73.23 24747
-21.368 24748 -9.9161 24749 -115.82 24750 -108.89 24751 -70.501 24752 -203.68 24753
-171.54 24754 -175.85 24755 -183.67 24756 -198.96 24757 -124.05 24758 -111.38 24759
-160.25 24760 -113.71 24761 -165.13 24762 -97.418 24763 -52.313 24764 12.772 24765
-7.3838 24766 -73.778 24767 -32.02 24768 -3.3774 24769 15.643 24770 -163.82 24771
-278.81 24772 -296.84 24773 -304.48 24774 -210.12 24775 -172.19 24776 -145.79 24777
-140.56 24778 -189.93 24779 -348.44 24780 -383.07 24781 -412.2 24782 -417.97 24783
-358.82 24784 -397.1 24785 -231.5 24786 -263.93 24787 -266.94 24788 -393.09 24789
-369.61 24790 -359.54 24791 -390.91 24792 -371.13 24793 -404.56 24794 -414.02 24795
-211.64 24796 -235.35 24797 -287.01 24798 -152.3 24799 -226.35 24800 -280.05 24801
-217.67 24802 -172.53 24803 -152.31 24804 -195.46 24805 -123.49 24806 -120.03 24807
-117.8 24808 -77.747 24809 -33.885 24810 -11.661 24811 -74.056 24812 -111.92 24813
-50.948 24814 -39.852 24815 -40.926 24816 -61.815 24817 -59.044 24818 -49.682 24819
4.6262 24820 34.483 24821 -14.181 24822 -31.888 24823 10.007 24824 11.122 24825 6.7903

24826 -4.3762 24827 -4.1329 24828 -20.457 24829 79.759 24830 173.88 24831 103.83 24832 49.666 24833 68.031 24834 64.197 24835 106.88 24836 47.799 24837 69.612 24838 61.935 24839 199.44 24840 138.13 24841 191.53 24842 37.948 24843 37.92 24844 278.05 24845 309.47 24846 394.7 24847 405.66 24848 389.73 24849 183.42 24850 173.9 24851 340.72 24852 384.83 24853 200.67 24854 242.83 24855 305.5 24856 301.19 24857 408.71 24858 224.53 24859 158.29 24860 362.43 24861 370.94 24862 67.583 24863 69.039 24864 320.69 24865 213.32 24866 94.407 24867 245.37 24868 166.13 24869 17.148 24870 15.369 24871 212.3 24872 150.42 24873 -15.463 24874 201.83 24875 -1.0336 24876 1.5792 24877 -43.212 24878 46.5 24879 -0.31164 24880 -19.69 24881 28.684 24882 -101.61 24883 51.99 24884 85.304 24885 -50.045 24886 -101.3 24887 55.406 24888 3.6294 24889 -26.779 24890 39.411 24891 -73.661 24892 -21.602 24893 26.771 24894 50.078 24895 45.302 24896 -51.958 24897 -50.577 24898 -63.234 24899 15.942 24900 -20.204 24901 51.877 24902 36.247 24903 -44.001 24904 -83.261 24905 -206.47 24906 -217.01 24907 -228.27 24908 -182.83 24909 -208.37 24910 -197.89 24911 -171.48 24912 -196.3 24913 -188.7 24914 -145.75 24915 -147.53 24916 -191.02 24917 -201.02 24918 -178.36 24919 -185.25 24920 -187.45 24921 -208.44 24922 -24.991 24923 -91.232 24924 -189.78 24925 -189.78 24926 -181.94 24927 -164.17 24928 -191.97 24929 -201.75 24930 -176.86 24931 -63.394 24932 -72.915 24933 -185.58 24934 -181.47 24935 -183.1 24936 -143.83 24937 -176.47 24938 -174.05 24939 -190.67 24940 -89.311 24941 -125.59 24942 -177.8 24943 -179.7 24944 -186.13 24945 -148.6 24946 -142.54 24947 -194.64 24948 -218.37 24949 -149.84 24950 -128.47 24951 -201.08 24952 -200.3 24953 -184.82 24954 -204.71 24955 -131.87 24956 -165.89 24957 -191.66 24958 -127.84 24959 -245.17 24960 -254.19 24961 -256.57 24962 -234.05 24963 -227.69 24964 -179.41 24965 -180.15 24966 -165.53 24967 -215.95 24968 -221.59 24969 -213.72 24970 -312.57 24971 -284.31 24972 -206.08 24973 -179.74 24974 -237.58 24975 -298.14 24976 -373.51 24977 -316.65 24978 -228.34 24979 -190.69 24980 -208.63 24981 -257.89 24982 -233.81 24983 -314.28 24984 -321.92 24985 -220.61 24986 -219.49 24987 -196.43 24988 -170.38 24989 -214.97 24990 -158. 24991 -201.04 24992 -212.43 24993 -177.45 24994 -18.042 24995 -18.359 24996 -38.702 24997 -18.956 24998 -40.992 24999 -15.94 25000 -34.27 25001 20.956 25002 23.924 25003 -173.27 25004 46.129 25005 -43.672 25006 -109.34 25007 -156.2 25008 -21.86 25009 -18.165 25010 -19.688 25011 126.27 25012 -73.92 25013 100.04 25014 -28.901 25015 -33.82 25016 -37.414 25017 -27.171 25018 -16.527 25019 23.942 25020 -182.7 25021 -110.98 25022 -65.66 25023 -27.953 25024 -121.23 25025 -63.5 25026 -105.17 25027 75.804 25028 46.787 25029 -52.187 25030 -1.3897 25031 -3.3806 25032 -3.8399 25033 -1.6603 25034 -3.824 25035 -7.9179 25036 10.981 25037 -29.455 25038 11.921 25039 15.408 25040 -9.58 25041 -14.41 25042 -3.7092 25043 -2.4125 25044 -1.7845 25045 -8.042 25046 -176.22 25047 -103.66 25048 -110.08 25049 341.66 25050 233.23 25051 26.671 25052 3.923 25053 -51.272 25054 35.914 25055 74.907 25056 -77.12 25057 -105.21 25058 -63.847 25059 -82.08 25060 -30.194 25061 -70.376 25062 -7.533 25063 -24.686 25064 -232.83 25065 -120.05 25066 -35.414 25067 74.441 25068 92.475 25069 169.58 25070 100.47 25071 147.72 25072 7.356 25073 123.71 25074 59.542 25075 -3.3718 25076 128.47 25077 259.28 25078 264.69 25079 183.72 25080 30.183 25081 55.715 25082 46.239 25083 -21.248 25084 4.1214 25085 85.037 25086 -64.754 25087 14.704 25088 -32.407 25089 -7.0374 25090 74.06 25091 -59.155 25092 -59.221 25093 -20.049 25094 -60.23 25095 -31.731 25096 -25.684 25097 7.5535 25098 298.05 25099 152.97 25100 201.75 25101 -14.1 25102 -37.281 25103 -17.01 25104 -17.526 25105 -18.632 25106 253.46 25107 391.98 25108 329.67 25109 173.04 25110 176.65 25111 -118.56 25112 5.0017 25113 -3.0904 25114 -7.4351 25115 -8.5415 25116 -29.969 25117 94.289 25118 209.66 25119 199.8 25120 99.511 25121 151.6 25122 183.76 25123 187.38 25124 119.4 25125 -139.06 25126 -205.97 25127 -160.53 25128 -225.33 25129 -118.77 25130 -149.18 25131 -90.128 25132 -188.89 25133 -216.08 25134 33.463 25135 -53.166 25136 -164.99 25137 -172.35 25138 -141.64 25139 -163.87 25140 -250.36 25141 -348.43 25142 -304.97 25143 -244.12 25144 480.04 25145 253.15 25146 282.27 25147 30.24 25148 1177. 25149 747.74 25150 465.29 25151 689.76 25152 -399.51 25153 -190.71 25154 -251.73 25155 -288.18 25156 -269.79 25157 -249.9 25158 -248.94 25159 -427.62 25160 -642.83 25161 -362.82 25162 -468.31 25163 -303.58 25164 -817.71 25165 -860.01 25166 -708.97 25167 -708.88 25168 -412.22 25169 -259.69 25170 -407.68 25171 -395.37 25172 -320.13 25173 -360.1 25174 -713.57 25175 -757.41 25176 -767.08 25177 -892.2 25178 -730.66 25179 -708.58 25180 -17.406 25181 -15.967 25182 -6.3373 25183 -5.1251 25184

-12.469 25185 -10.125 25186 -17.28 25187 -4.6407 25188 -17.705 25189 -2.4047 25190
-29.318 25191 5.6897e-002 25192 -4.6177 25193 -17.156 25194 1.1255 25195 -17.11 25196
-2.2955 25197 -24.383 25198 -21.373 25199 -0.94301 25200 -18.228 25201 -25.928 25202
-15.995 25203 -0.36137 25204 -2.4885 25205 -27.608 25206 6.7279 25207 2.8608 25208
7.3526 25209 -29.696 25210 -23.828 25211 -13.748 25212 -2.421 25213 -20.683 25214 9.5058
25215 7.3596 25216 -84.004 25217 3.7728 25218 -40.392 25219 -5.2082 25220 -0.57215
25221 10.81 25222 8.7535 25223 11.078 25224 5.0199 25225 -36.291 25226 10.706 25227
9.5166 25228 -121.28 25229 6.9725 25230 -38.235 25231 14.131 25232 -91.004 25233 8.2758
25234 -33.239 25235 -5.2712 25236 1.0461 25237 -17.764 25238 -19.503 25239 2.2266 25240
-61.355 25241 -4.2026 25242 -3.6285 25243 -59.378 25244 -22.438 25245 -38.992 25246
-45.916 25247 -90.512 25248 -23.358 25249 -25.485 25250 -50.605 25251 -42.77 25252
-25.991 25253 -0.85244 25254 -53.499 25255 -62.593 25256 -51.511 25257 -4.5835 25258
-4.4393 25259 -41.632 25260 8.5599 25261 12.074 25262 -39.243 25263 -122.23 25264
6.0157 25265 -39.192 25266 -35.295 25267 -70.912 25268 -80.579 25269 -70.887 25270
-13.759 25271 -40.672 25272 -31.995 25273 -87.503 25274 -79.508 25275 -32.826 25276
-21.499 25277 -58.547 25278 -39.761 25279 -40.433 25280 -43.288 25281 -83.993 25282
3.7836 25283 -40.381 25284 -33.409 25285 -49.183 25286 -36.918 25287 -37.521 25288
8.5439 25289 -32.97 25290 -47.205 25291 -112.74 25292 -103.36 25293 -101.1 25294 -110.79
25295 -106.48 25296 -73.848 25297 -122.41 25298 -124.1 25299 -92.192 25300 -84.357
25301 -116.15 25302 -105.32 25303 -107.02 25304 -95.935 25305 -86.055 25306 -99.062
25307 -91.092 25308 -88.838 25309 -88.184 25310 -84.288 25311 -94.219 25312 -114.41
25313 -103.33 25314 -82.5 25315 -110.76 25316 -106.46 25317 -73.822 25318 -95.149 25319
-76.362 25320 -108.16 25321 -91.694 25322 -91.04 25323 -84.068 25324 -97.075 25325
-84.89 25326 -99.125 25327 -94.822 25328 0.64675 25329 -6.6793 25330 3.7212e-002 25331
-6.1389 25332 -6.1946 25333 -2.5556 25334 -11.618 25335 0.27918 25336 -2.9308 25337
-9.1069 25338 -5.6142 25339 4.9299 25340 1.0002 25341 6.3381 25342 2.3173 25343 -20.609
25344 -1.4857 25345 -7.6435 25346 -19.823 25347 -0.16861 25348 -7.1588 25349 11.485
25350 7.2734 25351 6.8287 25352 -34.702 25353 6.6136 25354 -70.314 25355 4.4151 25356
-20.333 25357 6.8942 25358 10.459 25359 5.7171 25360 -29.2 25361 8.7259 25362 -101.03
25363 8.6093 25364 -33.25 25365 -2.0822 25366 -7.0302 25367 -10.274 25368 3.9234e-002
25369 -16.138 25370 -3.0259 25371 10.2 25372 -44.507 25373 4.0435 25374 -29.459 25375
-10.983 25376 5.2165 25377 -1.5322 25378 -16.847 25379 -4.8473 25380 -9.8485 25381
-0.52959 25382 -3.8446 25383 -15.931 25384 0.53881 25385 -46.168 25386 -54.168 25387
-5.6178 25388 -39.12 25389 -21.795 25390 -19.043 25391 -16.94 25392 -51.288 25393
-10.224 25394 -9.592 25395 -16.4 25396 -12.907 25397 -8.8117 25398 2.6839 25399 -31.73
25400 -34.751 25401 -30.646 25402 -1.3368 25403 -24.263 25404 -8.327 25405 6.268 25406
9.1396 25407 -30.21 25408 4.0696 25409 4.3977 25410 -37.461 25411 -49.412 25412 -51.42
25413 -48.328 25414 -9.7237 25415 -25.039 25416 -13.039 25417 -49.318 25418 -40.909
25419 -8.253 25420 -14.429 25421 -14.485 25422 -28.456 25423 -25.309 25424 -68.906
25425 5.8233 25426 -35.708 25427 -18.925 25428 -32.942 25429 -25.585 25430 -26.703
25431 9.023 25432 -25.894 25433 -32.836 25434 6.8351 25435 5.9378 25436 -28.978 25437
4.6853 25438 -20.962 25439 0.61258 25440 -3.2405 25441 1.474 25442 -19.403 25443
-5.9864 25444 4.5444 25445 5.8277 25446 6.9044 25447 5.242 25448 -27.016 25449 6.5907
25450 6.3484 25451 -54.444 25452 6.0049 25453 -20.552 25454 1.2877 25455 -3.2135 25456
1.6222 25457 -40.368 25458 -4.7436 25459 5.729 25460 -49.767 25461 3.4144 25462 -28.192
25463 -2.2942 25464 -13.202 25465 -1.4134 25466 -23.517 25467 -5.9231 25468 -1.7104
25469 -10.593 25470 1.2691 25471 -3.2405 25472 -0.92889 25473 -16.636 25474 -7.8034
25475 -0.23238 25476 -13.67 25477 -17.651 25478 -12.922 25479 22.095 25480 -1.2479
25481 -23.237 25482 -8.7492 25483 -1.9985 25484 -0.96244 25485 -14.616 25486 -6.9246
25487 -2.6296 25488 0.58663 25489 -5.3756 25490 -15.021 25491 0.93864 25492 -37.478
25493 -1.3759 25494 -3.2321 25495 -43.366 25496 -7.7417 25497 -28.559 25498 -24.456
25499 -56.463 25500 6.4573 25501 -16.885 25502 -38.874 25503 -30.323 25504 -11.053
25505 -0.51577 25506 -28. 25507 -33.488 25508 -26.03 25509 -1.7682 25510 -3.2664 25511
-22.645 25512 -9.2286 25513 5.6934 25514 7.0123 25515 -19.324 25516 5.3499 25517
-21.207 25518 -26.908 25519 -46.287 25520 -51.733 25521 -44.632 25522 -12.041 25523
-34.144 25524 -16.551 25525 -47.63 25526 -38.058 25527 -7.837 25528 -21.49 25529 -13.799
25530 -19.566 25531 -20.064 25532 4.1987 25533 -16.678 25534 -21.449 25535 -30.327

25536 -18.247 25537 -21.273 25538 -47.407 25539 5.7744 25540 -25.832 25541 -36.215
25542 3.9729 25543 5.4627 25544 3.2384 25545 -15.191 25546 6.6747 25547 5.1592 25548
-44.254 25549 4.6585 25550 -22.737 25551 -15.98 25552 -1.0708 25553 -3.189 25554 -18.442
25555 1.7247 25556 -26.659 25557 -0.94528 25558 5.1466 25559 -20.297 25560 3.9684
25561 -15.508 25562 -2.6801 25563 -10.488 25564 -1.6758 25565 -28.478 25566 -18.682
25567 -0.40902 25568 -0.88736 25569 -26.899 25570 6.451e-002 25571 -17.289 25572
6.7498e-002 25573 -21.452 25574 -10.28 25575 2.686 25576 -1.6111 25577 -28.27 25578
5.3974 25579 -0.20057 25580 6.2324 25581 3.5527 25582 -22.409 25583 -3.5564 25584
-18.109 25585 -43.553 25586 0.19689 25587 -22.273 25588 5.674 25589 -59.626 25590 3.907
25591 -22.967 25592 -17.125 25593 4.7047 25594 4.5977 25595 -16.434 25596 -20.8 25597
0.54456 25598 -33.907 25599 -24.899 25600 -0.63362 25601 -29.017 25602 -20.11 25603
-27.071 25604 -26.775 25605 -52.456 25606 -9.2758 25607 -9.4188 25608 -36.078 25609
-20.909 25610 7.6035e-002 25611 -38.757 25612 -44.186 25613 -32.53 25614 -2.6037 25615
-28.565 25616 -25.073 25617 4.8491 25618 4.9128 25619 -21.307 25620 2.6885 25621 3.0821
25622 -24.707 25623 -17.95 25624 -49.16 25625 -61.439 25626 -53.03 25627 -17.78 25628
-18.259 25629 -45.06 25630 -44.27 25631 -61.143 25632 -58.739 25633 -18.106 25634
-39.626 25635 -44.765 25636 -19.647 25637 -26.097 25638 4.742 25639 -22.132 25640 -16.29
25641 -27.815 25642 -19.584 25643 -22.409 25644 4.4121 25645 -22.983 25646 -14.018
25647 -78.566 25648 -69.144 25649 -73.41 25650 -72.602 25651 -55.277 25652 -70.405
25653 -80.574 25654 -75.257 25655 -48.777 25656 -72.413 25657 -45.284 25658 -69.144
25659 -63.827 25660 -59.722 25661 -53.339 25662 -37.347 25663 -37.403 25664 -60.983
25665 -61.786 25666 -66.052 25667 -65.244 25668 -72.186 25669 -63.048 25670 -72.165
25671 -68.061 25672 -54.193 25673 -69.322 25674 -42.193 25675 -40.368 25676 -40.424
25677 -64.004 25678 -62.904 25679 -69.038 25680 -52.255 25681 -59.9 25682 -66.362 25683
-64.166 25684 -66.136 25685 -60.485 25686 -56.86 25687 -57.376 25688 -48.469 25689
-67.384 25690 -78.415 25691 -84.419 25692 -70.445 25693 -70.582 25694 -76.586 25695
-64.93 25696 -60.965 25697 -57.473 25698 -71.829 25699 -52.253 25700 -48.629 25701
-48.288 25702 -49.204 25703 -59.153 25704 -42.446 25705 -83.948 25706 -76.011 25707
-64.355 25708 -62.037 25709 -61.246 25710 -71.254 25711 -62.902 25712 -68.041 25713
-77.259 25714 -55.079 25715 -54.738 25716 -65.602 25717 -52.029 25718 -51.971 25719
-43.063 25720 -61.978 25721 -67.089 25722 -57.161 25723 -59.689 25724 -70.118 25725
-56.601 25726 -74.632 25727 -39.008 25728 -72.536 25729 -70.065 25730 -75.565 25731
-62.048 25732 -53.497 25733 -57.477 25734 -55.006 25735 -47.548 25736 -60.505 25737
-44.163 25738 -45.081 25739 -47.609 25740 -58.038 25741 -46.466 25742 -52.168 25743
-62.964 25744 -55.507 25745 -68.464 25746 -54.947 25747 -65.993 25748 -49.65 25749
-43.925 25750 -36.234 25751 -72.844 25752 -48.107 25753 -58.535 25754 -42.193 25755
-46.964 25756 -61.064 25757 -55.194 25758 -65.577 25759 -2.7122 25760 -4.5471 25761
-3.1081 25762 -8.2922 25763 -6.7408 25764 -6.3918 25765 -52.231 25766 -56.061 25767
31.781 25768 30. 25769 44.914 25770 -291.42 25771 -168.94 25772 -180.14 25773 330.26
25774 478.92 25775 325.9 25776 -82.596 25777 -30.101 25778 -31.723 25779 0.85289 25780
-26.285 25781 1.6929 25782 -54.221 25783 -34.24 25784 -35.391 25785 -57.384 25786
-320.86 25787 -60.631 25788 -118.44 25789 -309.41 25790 -163.22 25791 -286.23 25792
-277.67 25793 -261.11 25794 -291.08 25795 -372.36 25796 133.79 25797 -356.15 25798
-502.25 25799 -382.68 25800 -299.46 25801 8.1681e-002 25802 -25.038 25803 -17.203 25804
-67.042 25805 -82.799 25806 -149.74 25807 -16.741 25808 -43.654 25809 -119.99 25810
-71.916 25811 -34.977 25812 -101.42 25813 -96.591 25814 -138.11 25815 -147.57 25816
-152.34 25817 -178.44 25818 -160.51 25819 -125.97 25820 -222.36 25821 -171.17 25822
-167.28 25823 -207.62 25824 -206.72 25825 -87.58 25826 -131.74 25827 -124.77 25828
-168.19 25829 -171.87 25830 -11.419 25831 -113.99 25832 -48.467 25833 -29.68 25834
-79.519 25835 -16.705 25836 -19.674 25837 -45.434 25838 -32.971 25839 -42.6 25840
-26.608 25841 -26.664 25842 -71.358 25843 -50.245 25844 -48.535 25845 1.6735 25846
-10.865 25847 -4.5026 25848 -9.3329 25849 19.37 25850 12.795 25851 6.4755 25852 -8.8397
25853 -116.67 25854 -0.33222 25855 -23.968 25856 -5.1625 25857 3.1605 25858 -39.359
25859 -47.099 25860 -137.58 25861 -110.37 25862 -80.601 25863 -63.276 25864 -116.11
25865 -93.795 25866 -105.36 25867 -194.8 25868 -188.04 25869 -188.05 25870 -140.28
25871 -147.22 25872 -159.19 25873 -175.79 25874 -71.104 25875 -121.74 25876 -112.64
25877 -95.853 25878 -124.61 25879 -124.62 25880 -55.685 25881 -126.66 25882 -82.242

25883 -87.943 25884 -30.717 25885 -100.79 25886 -51.594 25887 -56.365 25888 -87.408
25889 -74.788 25890 -1.0862 25891 -14.74 25892 -37.215 25893 -54.337 25894 -7.0484
25895 -43.659 25896 22.861 25897 -52.771 25898 -86.18 25899 0.87205 25900 9.4233 25901
-30.175 25902 -12.115 25903 -137.26 25904 -34.218 25905 -103.48 25906 -52.248 25907
-16.624 25908 -49.721 25909 -232.74 25910 -142.94 25911 -169.12 25912 -81.327 25913
-91.711 25914 -19.985 25915 -48.369 25916 -39.461 25917 -76.845 25918 -73.208 25919
-46.725 25920 -125.8 25921 -74.12 25922 -65.155 25923 -102.54 25924 -108.86 25925
-108.46 25926 -60.558 25927 -185.15 25928 -81.59 25929 -123.09 25930 -42.601 25931
-117.73 25932 -163.58 25933 -68.562 25934 -65.07 25935 -117.32 25936 3.5473 25937
-112.95 25938 -17.972 25939 -23.111 25940 -87.513 25941 -70.227 25942 1.451e-002 25943
-83.444 25944 -26.787 25945 -25.997 25946 -91.189 25947 -54.473 25948 -92.145 25949
13.668 25950 -142.32 25951 -192.14 25952 -188.77 25953 -174.82 25954 -197.18 25955
-183.67 25956 -100.15 25957 -260.32 25958 -209.42 25959 -211.97 25960 -235.25 25961
-202.01 25962 -244.14 25963 -335.08 25964 -277.15 25965 -302.32 25966 -262.52 25967
-250.58 25968 -271.08 25969 -279.98 25970 -280.37 25971 -261.64 25972 -269.51 25973
-247.01 25974 -264.47 25975 -253.44 25976 -264.87 25977 -416.92 25978 -37.904 25979
-339.4 25980 -304.15 25981 -185.83 25982 -285.15 25983 -306.17 25984 -47.062 25985
-101.58 25986 -313.31 25987 -228.67 25988 -294.31 25989 277.43 25990 232.2 25991 213.27
25992 184.03 25993 150.35 25994 84.709 25995 236.83 25996 158.74 25997 95.83 25998
235.74 25999 113.03 26000 158.44 26001 128.73 26002 184.13 26003 213.08 26004 225.42
26005 107.27 26006 185.24 26007 105.46 26008 189.82 26009 275.04 26010 364.45 26011
328.74 26012 211.79 26013 205.92 26014 192.81 26015 227.25 26016 354.42 26017 231.6
26018 252.92 26019 278.85 26020 443.83 26021 522.71 26022 449.24 26023 307.9 26024
342.33 26025 193.75 26026 205.43 26027 413.53 26028 306.62 26029 332.55 26030 158.04
26031 572.33 26032 65.713 26033 545.33 26034 463.9 26035 221.15 26036 300.52 26037
60.422 26038 135.01 26039 458.61 26040 295.23 26041 252.06 26042 -371.61 26043 -337.7
26044 -299.89 26045 -290.76 26046 -308.73 26047 -211.39 26048 -254.57 26049 -225.29
26050 -179.97 26051 -214.36 26052 -167.82 26053 -114.49 26054 -172.3 26055 -116.29 26056
-206.57 26057 -178.53 26058 -211.62 26059 -163.13 26060 -211.05 26061 -147.43 26062
-234.73 26063 -211.57 26064 -173.39 26065 -153.84 26066 -177.13 26067 -185.52 26068
-206.54 26069 -161.7 26070 -214.4 26071 -203.37 26072 11.694 26073 -26.833 26074 -15.43
26075 -5.1661 26076 -5.6528 26077 23.126 26078 25.898 26079 99.772 26080 63.723 26081
109.44 26082 139.67 26083 55.063 26084 54.32 26085 68.946 26086 88.834 26087 80.464
26088 139.75 26089 90.534 26090 300.51 26091 374.31 26092 243.98 26093 72.044 26094
131.55 26095 80.035 26096 47.083 26097 60.917 26098 105.73 26099 119.97 26100 38.689
26101 60.237 26102 93.769 26103 131.96 26104 -97.411 26105 -49.058 26106 4.6956 26107
86.349 26108 -10.047 26109 98.748 26110 218.15 26111 226.36 26112 -243.57 26113 -244.19
26114 -76.318 26115 -97.374 26116 63. 26117 21.368 26118 -31.036 26119 -34.119 26120
-85.461 26121 -134.16 26122 -87.274 26123 -25.701 26124 16.936 26125 -74.498 26126
15.786 26127 3.1313 26128 -5.1345 26129 -44.416 26130 -23.702 26131 29.248 26132 26.366
26133 -55.988 26134 -61.42 26135 -85.44 26136 -71.997 26137 -88.322 26138 -181.77 26139
-66.3 26140 -63.791 26141 -122.01 26142 -79.374 26143 -77.544 26144 -117.64 26145
-130.72 26146 -144.52 26147 -15.455 26148 -18.297 26149 258.62 26150 236. 26151 72.21
26152 27.267 26153 20.26 26154 156.86 26155 -70.875 26156 -91.427 26157 206.04 26158
-39.447 26159 -25.311 26160 104.29 26161 -110.41 26162 194.27 26163 204.77 26164 80.139
26165 59.785 26166 83.127 26167 17.89 26168 -51.853 26169 -77.911 26170 203.94 26171
102.48 26172 3.7438 26173 65.927 26174 -92.322 26175 -97.817 26176 189.52 26177 88.065
26178 -5.6466 26179 -10.667 26180 156.54 26181 23.261 26182 20.87 26183 53.562 26184
34.435 26185 50.751 26186 24.838 26187 64.849 26188 109.91 26189 137.4 26190 227.31
26191 111.48 26192 47.257 26193 66.22 26194 64.73 26195 87.699 26196 73.25 26197 41.62
26198 40.077 26199 37.324 26200 50.798 26201 48.331 26202 54.208 26203 63.639 26204
39.074 26205 151.88 26206 81.544 26207 73.592 26208 59.015 26209 37.4 26210 49.934
26211 51.122 26212 82.373 26213 80.717 26214 33.606 26215 49.108 26216 50.296 26217
33.012 26218 169.72 26219 232.38 26220 -164.5 26221 70.715 26222 58.833 26223 213.5
26224 208.09 26225 -183.38 26226 51.837 26227 58.871 26228 -80.38 26229 170.22 26230
-168.05 26231 -159.47 26232 -44.929 26233 23.903 26234 37.535 26235 204.97 26236 241.86
26237 -152.76 26238 117.38 26239 28.668 26240 222.11 26241 152.26 26242 -172.5 26243

-29.998 26244 2.2589 26245 144.29 26246 97.634 26247 -39.553 26248 65.961 26249 45.354
26250 -48.214 26251 -34.331 26252 -12.12 26253 -16.674 26254 -30.238 26255 2.0578 26256
29.912 26257 -70.38 26258 -50.491 26259 -38.767 26260 -23.792 26261 -73.947 26262
-64.193 26263 -71.175 26264 -61.813 26265 -23.306 26266 -36.848 26267 -35.986 26268
-26.647 26269 -28.237 26270 -120.51 26271 -128.52 26272 -55.232 26273 -81.041 26274
-17.817 26275 -31.082 26276 -33.926 26277 -24.203 26278 -22.826 26279 -117.59 26280
-78.119 26281 -81.665 26282 -18.428 26283 -22.819 26284 -24.357 26285 -19.242 26286
-19.421 26287 -103.62 26288 -58.059 26289 -55.898 26290 -20.684 26291 -23.132 26292
-17.72 26293 -20. 26294 -103.01 26295 -57.029 26296 -238.26 26297 -26.95 26298 -26.768
26299 -22.534 26300 -74.459 26301 -58.77 26302 -19.283 26303 -19.216 26304 -18.766
26305 -19.915 26306 -72.787 26307 -56.299 26308 -29.338 26309 -19.899 26310 -23.696
26311 -21.599 26312 -26.08 26313 -66.601 26314 -104.87 26315 -60.41 26316 -83.855 26317
-35.263 26318 -25.355 26319 -24.505 26320 -24.228 26321 -20.429 26322 -139.62 26323
-109.45 26324 -123.21 26325 -36.074 26326 -26.416 26327 -26.887 26328 -26.405 26329
-30.351 26330 -130.35 26331 -115.93 26332 -123.55 26333 -41.511 26334 -31.412 26335
-33.781 26336 -42.114 26337 -32.829 26338 -37.562 26339 -114.08 26340 -115.44 26341
-29.331 26342 -25.01 26343 -26.333 26344 -29.715 26345 -27.711 26346 -111.86 26347 -329.2
26348 -29.613 26349 -29.784 26350 -40.425 26351 -27.721 26352 -24.57 26353 -102.7 26354
-162.67 26355 -225.8 26356 -25.693 26357 -21.577 26358 -26.309 26359 -20.977 26360
-22.236 26361 -77.339 26362 -70.62 26363 -23.586 26364 -22.323 26365 -20.318 26366
-22.227 26367 -20.043 26368 -79.687 26369 -63.474 26370 -51.236 26371 -30.55 26372
-33.012 26373 -25.217 26374 -25.635 26375 -129.27 26376 -104.59 26377 -64.995 26378
-71.02 26379 -97.913 26380 -42.717 26381 -40.974 26382 -29.002 26383 -31.199 26384
-131.95 26385 -136.63 26386 -106.25 26387 -29.79 26388 -29.886 26389 -19.747 26390
-20.087 26391 -148.94 26392 -120.88 26393 -43.984 26394 -22.08 26395 -20.197 26396
-3.6555 26397 -13.597 26398 -13.133 26399 -83.018 26400 -268.69 26401 -24.128 26402
-28.228 26403 -12.279 26404 -3.6572 26405 -36.05 26406 -23.954 26407 -78.881 26408
-58.969 26409 -121.17 26410 -294.52 26411 7.851 26412 -37.089 26413 -37.98 26414 3.0927
26415 -16.346 26416 -17.971 26417 -22.369 26418 -63.048 26419 -21.501 26420 -23.877
26421 -9.0487 26422 -2.8435 26423 -97.736 26424 -25.591 26425 4.2829 26426 -23.324
26427 -18.223 26428 8.7627 26429 -8.2867 26430 -9.6571 26431 -4.478 26432 -82.736 26433
12.702 26434 -31.86 26435 -34.367 26436 -12.753 26437 -140.26 26438 17.959 26439 -4.6829
26440 9.5712 26441 -24.345 26442 -21.207 26443 -10.416 26444 -8.9965 26445 -109.56
26446 -3.6826 26447 -27.257 26448 8.205 26449 -27.005 26450 -28.819 26451 -11.011 26452
-11.099 26453 -87.883 26454 -121.01 26455 -7.2992 26456 -23.858 26457 -24.8 26458
-10.721 26459 -11.718 26460 -96.279 26461 -28.923 26462 -220.75 26463 -33.784 26464
-37.106 26465 4.7176 26466 -12.761 26467 -12.334 26468 -6.2209 26469 -10.619 26470
-55.019 26471 0.15737 26472 -17.719 26473 -22.468 26474 -1.2438 26475 -9.7207 26476
-6.4961 26477 -80.785 26478 -22.649 26479 -73.54 26480 -5.7905 26481 -27.002 26482
-25.673 26483 -5.665 26484 -17.741 26485 -16.191 26486 -121.07 26487 -46.761 26488
-9.7242 26489 -23.037 26490 -23.151 26491 -14.502 26492 -15.262 26493 -130.92 26494
-124.05 26495 -49.449 26496 -29.63 26497 -22.339 26498 -21.13 26499 -13.804 26500
-14.152 26501 -123.35 26502 -52.957 26503 -605.24 26504 -542.23 26505 -477.97 26506
-376.43 26507 -409.77 26508 -445.69 26509 -381.86 26510 -415.8 26511 -667.36 26512
-568.57 26513 -402.78 26514 -389.1 26515 -472.04 26516 -408.21 26517 -492.84 26518
-406.61 26519 -369.16 26520 -339.06 26521 -365.29 26522 -340.27 26523 -336.99 26524
-387.42 26525 -357.88 26526 -299.72 26527 -364.02 26528 -309.57 26529 -326.04 26530
-318.27 26531 -334.88 26532 -266.02 26533 -396.15 26534 -410.01 26535 -392.06 26536
-380.03 26537 -380.5 26538 -387.44 26539 -367.06 26540 -314.29 26541 -539.87 26542
-411.52 26543 -450.96 26544 -374.73 26545 -401.11 26546 -391.54 26547 -333.46 26548
-467.67 26549 -452.39 26550 -376.16 26551 -359.71 26552 -392.97 26553 -408.15 26554
-432.4 26555 -320.55 26556 -416.11 26557 -441.31 26558 -347.36 26559 -246.28 26560
-246.67 26561 -241.2 26562 -436.77 26563 -481.42 26564 -359.14 26565 -296. 26566 -292.85
26567 -387.88 26568 -352.74 26569 -389.19 26570 -445.89 26571 -227.64 26572 -223.53
26573 -423.21 26574 -345.59 26575 -298.2 26576 -279.29 26577 -272.57 26578 -375.63
26579 -584.44 26580 -330.56 26581 -326.66 26582 -326.84 26583 -637.96 26584 -556.31
26585 -562.01 26586 -399.75 26587 -459.72 26588 -493.84 26589 -280.55 26590 -275.36

26591 -284.86 26592 -596.15 26593 -437.94 26594 -520.2 26595 -357.94 26596 -537.64
26597 -382.1 26598 -601.03 26599 -722.9 26600 -746.5 26601 -411.36 26602 -446.84 26603
-500.45 26604 -600.14 26605 -443.06 26606 -561.2 26607 -739.25 26608 -724.06 26609
-388.92 26610 -366.72 26611 -577.7 26612 -420.63 26613 -686.43 26614 -658.38 26615
-358.72 26616 -393.66 26617 -368. 26618 -369.13 26619 -577.34 26620 -594.13 26621
-676.23 26622 -655.37 26623 -715.58 26624 -373.4 26625 -355.71 26626 -357.03 26627
-409.13 26628 -581.51 26629 -516.09 26630 -538.69 26631 -671.94 26632 -386.4 26633
-413.05 26634 -377.57 26635 -356.76 26636 -422.13 26637 -578.14 26638 -578.03 26639
-513.19 26640 -613.32 26641 -722.62 26642 -728.61 26643 -402.18 26644 -434.33 26645
-544.58 26646 -557.21 26647 -730.92 26648 -732.77 26649 -406.34 26650 -371.68 26651
-548.74 26652 -537.52 26653 -561.37 26654 -505.41 26655 -372.7 26656 -561.63 26657
-509.62 26658 -498.18 26659 -293.8 26660 -295.08 26661 -295.35 26662 -639.56 26663
-510.25 26664 -505.22 26665 -379.58 26666 -411.57 26667 -423.76 26668 -435.54 26669
-247.68 26670 -252.08 26671 -242.61 26672 -613.05 26673 -596.29 26674 -461.95 26675
-429.85 26676 -380.49 26677 -306.2 26678 -483.51 26679 -243.6 26680 -244.77 26681
-240.74 26682 -335.73 26683 -383.87 26684 -353.79 26685 -288.25 26686 -321.95 26687
-332.94 26688 -360.37 26689 -305.42 26690 -272.56 26691 -278.51 26692 -276.23 26693
-367.19 26694 -385.24 26695 -364.39 26696 -391.82 26697 -336.88 26698 -450.72 26699
-407.82 26700 -382.65 26701 -331. 26702 -365.99 26703 -339.91 26704 -359.78 26705
-354.29 26706 -364.84 26707 -369.32 26708 -317.67 26709 -311.21 26710 -346.46 26711
-230.18 26712 -382.3 26713 -297.55 26714 -319.19 26715 -331.42 26716 -314.4 26717
-285.96 26718 -341.99 26719 -269.57 26720 -338.68 26721 -384.62 26722 -333.09 26723
-381.65 26724 -327.09 26725 -384.61 26726 -357.01 26727 -328.95 26728 -325.81 26729
-317. 26730 -344.9 26731 -294.53 26732 -529.62 26733 -386.8 26734 -408.4 26735 -348.5
26736 -377.58 26737 -387.63 26738 -332.11 26739 -328.61 26740 -298.63 26741 -441.97
26742 -410.13 26743 -350.23 26744 -337.58 26745 -389.36 26746 -333.84 26747 -398.51
26748 -330.34 26749 -376.55 26750 -427.97 26751 -127.23 26752 -225.97 26753 -229.53
26754 -220.41 26755 -234.32 26756 -108.73 26757 -287.51 26758 -251.54 26759 -228.34
26760 -220.05 26761 -247.44 26762 -225.97 26763 -162.86 26764 -235.21 26765 -228.63
26766 -299.61 26767 -249.11 26768 -289.65 26769 -302.31 26770 -266.33 26771 -240.77
26772 -293.38 26773 -232.86 26774 -360.62 26775 -185.23 26776 -182.91 26777 -187.11
26778 -7.1935 26779 -17.117 26780 -174.5 26781 -163.82 26782 -142.92 26783 -167.33 26784
-179.18 26785 -175.16 26786 -209.09 26787 -206.54 26788 -210.86 26789 111.31 26790
-35.145 26791 -202.45 26792 -224.36 26793 -232.8 26794 -207.13 26795 -473.4 26796
-40.117 26797 -82.661 26798 -334.78 26799 -377.81 26800 -241.41 26801 -115.46 26802
-153.55 26803 -31.216 26804 -325.88 26805 -315.98 26806 -232.5 26807 -341.42 26808
16.893 26809 -280.18 26810 -265.82 26811 -277.6 26812 -283.17 26813 -231.37 26814
-77.189 26815 -305.3 26816 -119.01 26817 -83.969 26818 -7.4948 26819 -285.44 26820
-289.78 26821 -301.95 26822 -24.524 26823 -134.52 26824 11.304 26825 22.164 26826
-270.98 26827 -257. 26828 -263.35 26829 -283.15 26830 -296.46 26831 -131.29 26832
-20.101 26833 -484.33 26834 -24.204 26835 -26.241 26836 -287.06 26837 -316.3 26838
-124.31 26839 -342.83 26840 -17.732 26841 -93.234 26842 -110.75 26843 -371.57 26844
-387.07 26845 -208.82 26846 -349.25 26847 -521.37 26848 230.98 26849 -300.12 26850
-297.57 26851 -298.46 26852 196.14 26853 -72.641 26854 -263.69 26855 -282.85 26856
-93.897 26857 -323.53 26858 -260.57 26859 -264.83 26860 -261.71 26861 229.77 26862
-265.91 26863 171.78 26864 -308.7 26865 -60.266 26866 -289.9 26867 -477.31 26868 -239.12
26869 -236.84 26870 -239.46 26871 -295.5 26872 -100.83 26873 -121.2 26874 -244.67 26875
-256.11 26876 -187.77 26877 -329.79 26878 -251.36 26879 -231.72 26880 -269.25 26881
-273.35 26882 -393.27 26883 -332. 26884 -281.17 26885 -324. 26886 -304.09 26887 -269.22
26888 -366.29 26889 7.7581 26890 11.454 26891 13.48 26892 10.882 26893 13.803 26894
4.863 26895 -123.81 26896 -117.34 26897 -34.823 26898 -36.545 26899 -69.369 26900
-1.3655 26901 -0.10875 26902 -2.2902 26903 -134.81 26904 -86.232 26905 -47.536 26906
40.811 26907 41.95 26908 40.417 26909 18.784 26910 41.549 26911 40.974 26912 -71.745
26913 -79.269 26914 -92.4 26915 -1.1748 26916 20.972 26917 -65.999 26918 52.533 26919
54.041 26920 56.214 26921 53.495 26922 52.467 26923 -19.553 26924 -111.58 26925 23.556
26926 17.316 26927 25.397 26928 -22.423 26929 -132.38 26930 -46.145 26931 -64.713 26932
127.28 26933 129.36 26934 129.73 26935 138.87 26936 124.69 26937 102.13 26938 38.714

26939 208.28 26940 116.75 26941 135.57 26942 71.983 26943 91.619 26944 162.96 26945
121.93 26946 115.54 26947 116.17 26948 118.1 26949 121.1 26950 -4.2922 26951 173.97
26952 79.045 26953 85.921 26954 76.326 26955 33.53 26956 69.028 26957 130.59 26958
132.57 26959 99.143 26960 133.25 26961 133.03 26962 131.77 26963 110.81 26964 25.787
26965 -32.106 26966 133.94 26967 101.97 26968 99.588 26969 104.09 26970 109.07 26971
105.24 26972 86.943 26973 -43.699 26974 -63.26 26975 89.224 26976 90.026 26977 84.721
26978 21.077 26979 -45.937 26980 176.27 26981 184.97 26982 128.02 26983 176.26 26984
177.31 26985 145.21 26986 19.775 26987 -4.1546 26988 165.01 26989 168.01 26990 32.69
26991 101.18 26992 101.05 26993 105.23 26994 100.29 26995 18.568 26996 -29.645 26997
22.154 26998 93.587 26999 79.741 27000 82.955 27001 100.69 27002 43.627 27003 -51.772
27004 -6.435 27005 102.16 27006 101.69 27007 100.39 27008 105.13 27009 -31.412 27010
84.423 27011 65.838 27012 68.946 27013 77.561 27014 130.22 27015 127.95 27016 129.31
27017 124.07 27018 104.03 27019 89.56 27020 96.289 27021 106.96 27022 127.87 27023
65.935 27024 103.46 27025 91.603 27026 61.929 27027 54.396 27028 58.686 27029 65.615
27030 -77.493 27031 31.302 27032 -22.076 27033 -34.731 27034 1.2449 27035 24.438 27036
32.73 27037 26.809 27038 34.719 27039 60.745 27040 65.166 27041 63.313 27042 62.896
27043 62.936 27044 -39.454 27045 -85.264 27046 8.546 27047 37.087 27048 17.234 27049
6.4282 27050 9.13 27051 6.888 27052 8.5727 27053 0.46006 27054 -118.08 27055 -130.86
27056 -106.14 27057 -134.03 27058 -34.752 27059 -30.825 27060 -28.762 27061 -22.442
27062 -123.97 27063 -4.2903 27064 -1.7236 27065 -4.713 27066 -3.9338 27067 -2.7864
27068 -2.7216 27069 -63.354 27070 -136.85 27071 -138.33 27072 -44.957 27073 -19.445
27074 -14.876 27075 -68.139 27076 -110.42 27077 -43.051 27078 -42.535 27079 -43.126
27080 -42.367 27081 -131.41 27082 -146.73 27083 -174.33 27084 -95.896 27085 -158.87
27086 -71.182 27087 -98.433 27088 -76.784 27089 -61.29 27090 -60.838 27091 -63.268
27092 -59.497 27093 -60.531 27094 -61.139 27095 -151.51 27096 -126.94 27097 -160.43
27098 -115.46 27099 -87.844 27100 -185.23 27101 -119.38 27102 -120.91 27103 -119.75
27104 -115.3 27105 -229.21 27106 -197.37 27107 -224.18 27108 -174. 27109 -178.36 27110
-235.79 27111 -180.84 27112 -155.93 27113 -154.52 27114 -155.42 27115 -153.69 27116
-361.88 27117 -329.78 27118 -236.24 27119 -268.23 27120 -280.42 27121 -206.13 27122
-106.14 27123 -106.53 27124 -106.54 27125 -105.23 27126 -188.24 27127 -330.64 27128
-170.62 27129 -138.14 27130 -154.6 27131 -173.48 27132 -173.04 27133 -172.06 27134
-171.92 27135 -172.42 27136 -245.44 27137 -220.22 27138 -260.14 27139 -311.45 27140
-278.11 27141 -280.65 27142 -156.45 27143 -149.65 27144 -153.22 27145 -150.79 27146
-232. 27147 -214.02 27148 -200.76 27149 -262.35 27150 -226.81 27151 -183.58 27152 -272.2
27153 -194.97 27154 -160.16 27155 -158.57 27156 -160.48 27157 -157.98 27158 -144.77
27159 -227.75 27160 -218.66 27161 -247.41 27162 -251.65 27163 -236.86 27164 -276.22
27165 -238.6 27166 -127.7 27167 -127.06 27168 -121.77 27169 -128.22 27170 -126.74 27171
-130.29 27172 -177.65 27173 -214.5 27174 -244.93 27175 -298.53 27176 -203.69 27177
-216.2 27178 -97.498 27179 -100.29 27180 -99.463 27181 -97.144 27182 -100.14 27183
-307.1 27184 -272.57 27185 -163.53 27186 -372.27 27187 -250.49 27188 -170.49 27189
-151.67 27190 -215.19 27191 -140.57 27192 -143.84 27193 -142.66 27194 -142.11 27195
-143.49 27196 -143.14 27197 -345.04 27198 -268.39 27199 -253.51 27200 -190.36 27201
-181.1 27202 -247.11 27203 -340.26 27204 -76.423 27205 -75.789 27206 -76.672 27207
-76.166 27208 -76.996 27209 -188.49 27210 -125.48 27211 -119.13 27212 -203.67 27213
-160.77 27214 -211.63 27215 -119.24 27216 -53.052 27217 -53.8 27218 -52.868 27219 -52.498
27220 -52.856 27221 -136.58 27222 -169.5 27223 -166.91 27224 -91.069 27225 -72.97 27226
-106.44 27227 -87.829 27228 -180.3 27229 -148.59 27230 -45.555 27231 -29.266 27232
-29.944 27233 -27.946 27234 -37.559 27235 -29.609 27236 -33.529 27237 -31.356 27238
-150.98 27239 -136.94 27240 -159.82 27241 -146.36 27242 -69.79 27243 -92.043 27244
-61.987 27245 -123.04 27246 -19.886 27247 -19.87 27248 -20.236 27249 -152.11 27250
-84.333 27251 -3.9472 27252 -5.6108 27253 -9.5303 27254 -7.3572 27255 -1.9111 27256
-2.2773 27257 -7.1734 27258 -66.374 27259 -11.191 27260 -11.549 27261 -11.664 27262
-11.653 27263 -31.663 27264 -65.137 27265 -46.522 27266 -20.754 27267 -20.248 27268
-17.996 27269 -19.768 27270 -63.212 27271 -63.321 27272 -42.353 27273 -43.739 27274
-37.779 27275 -40.153 27276 -90.607 27277 -81.346 27278 -29.238 27279 -26.92 27280
-20.572 27281 -20.244 27282 -70.343 27283 -29.411 27284 -29.823 27285 -36.273 27286
-34.792 27287 -33.141 27288 -33.566 27289 -85.702 27290 -44.231 27291 -50.779 27292

-52.882 27293 -42.423 27294 -40.474 27295 -139.8 27296 -144.05 27297 -52.025 27298
-51.18 27299 -40.658 27300 -42.521 27301 -160.31 27302 -137.8 27303 -40.1 27304 -49.106
27305 -47.541 27306 -39.06 27307 -37.459 27308 -135.72 27309 -153.73 27310 -30.343 27311
-30.677 27312 -24.711 27313 -26.194 27314 -64.384 27315 -94.767 27316 -31.087 27317
-38.518 27318 -28.167 27319 -27.164 27320 -63.547 27321 -90.131 27322 -30.728 27323
-36.105 27324 -26.95 27325 -31.223 27326 -78.875 27327 -17.481 27328 -17.161 27329
-14.25 27330 -14.517 27331 -16.821 27332 -53.826 27333 -12.978 27334 -12.483 27335
-13.568 27336 -13.747 27337 -52.385 27338 -50.223 27339 -5.6802 27340 -7.4178 27341
-11.369 27342 -12.959 27343 -39.954 27344 -65.763 27345 -3.1132 27346 -3.3168 27347
-9.2796 27348 -7.9034 27349 -63.196 27350 -66.742 27351 3.2988 27352 5.7991 27353
-1.1423 27354 -1.9028 27355 -16.271 27356 1.1765 27357 2.6007 27358 -1.8404 27359
-2.1889 27360 -40.994 27361 -16.969 27362 12.382 27363 14.247 27364 2.1715 27365 3.7207
27366 -26.848 27367 -4.558 27368 20.052 27369 16.666 27370 6.9624 27371 11.414 27372
-55.631 27373 -25.65 27374 41.006 27375 40.467 27376 22.989 27377 29.529 27378 -0.17135
27379 -19.269 27380 37.507 27381 35.014 27382 19.712 27383 19.206 27384 9.7249 27385
-12.191 27386 41.817 27387 43.348 27388 21.462 27389 23.427 27390 28.312 27391 14.245
27392 6.346 27393 28.575 27394 33.78 27395 16.579 27396 15.885 27397 21.877 27398
11.245 27399 63.549 27400 63.881 27401 36.453 27402 36.724 27403 51.252 27404 33.013
27405 26.306 27406 14.331 27407 14.613 27408 16.997 27409 7.6146 27410 8.0996 27411
41.989 27412 40.726 27413 23.195 27414 23.18 27415 -65.256 27416 43.304 27417 46.309
27418 22.207 27419 23.556 27420 4.2508 27421 1.5314 27422 5.2874 27423 60.269 27424
46.088 27425 23.535 27426 22.326 27427 56.97 27428 13.021 27429 -2.3984 27430 16.68
27431 15.652 27432 7.1816 27433 8.8652 27434 -19.499 27435 -11.418 27436 -9.0238 27437
13.741 27438 13.167 27439 1.7483 27440 2.6689 27441 -28.983 27442 3.5871 27443 -12.91
27444 6.5081 27445 -5.643 27446 -2.4323 27447 -43.84 27448 -76.665 27449 -16.111 27450
1.7588 27451 -0.42266 27452 -19.087 27453 -9.3116 27454 -5.3264 27455 -45.668 27456
-502.47 27457 178.08 27458 408.32 27459 207.91 27460 -314.98 27461 -368.71 27462
-235.34 27463 -147.27 27464 -451.41 27465 506.98 27466 306.57 27467 701. 27468 -49.701
27469 -216.32 27470 65.519 27471 -136.68 27472 -48.605 27473 1187.5 27474 654.36 27475
652.32 27476 376.04 27477 543.88 27478 660.83 27479 900.07 27480 882.56 27481 784.49
27482 861.09 27483 774.12 27484 691.34 27485 702.2 27486 631.65 27487 423.88 27488
637.77 27489 650.78 27490 659.93 27491 477.54 27492 458.1 27493 536.98 27494 480.4
27495 241.43 27496 386.32 27497 241.3 27498 344.49 27499 932.2 27500 535.58 27501
713.79 27502 671.25 27503 589.77 27504 509.06 27505 684.61 27506 442.26 27507 616.48
27508 498.13 27509 620.47 27510 296.16 27511 460.41 27512 577.82 27513 535.02 27514
415.74 27515 591.29 27516 219.87 27517 246.85 27518 -100.45 27519 63.794 27520 11.049
27521 39.752 27522 19.121 27523 65.448 27524 421.07 27525 537.16 27526 238.02 27527
355.42 27528 339.12 27529 239.67 27530 244.09 27531 7.5214 27532 -24.63 27533 -34.091
27534 82.317 27535 -22.811 27536 -10.348 27537 1.6085 27538 -25.912 27539 8.0504 27540
-32.487 27541 83.921 27542 49.178 27543 -21.208 27544 -128.28 27545 3.212 27546 -15.019
27547 -64.638 27548 -150.45 27549 -172.04 27550 -151.27 27551 -97.948 27552 -53.359
27553 -95.754 27554 -56.46 27555 -213.34 27556 -181.5 27557 -62.82 27558 -105.21 27559
-169.89 27560 -182.65 27561 -117.79 27562 -120.18 27563 -112.97 27564 -158.91 27565
-101.38 27566 -111.83 27567 -92.409 27568 -199.47 27569 -114.71 27570 -103.12 27571
-101.57 27572 -117.74 27573 -49.77 27574 -28.42 27575 -204. 27576 -178.82 27577 -122.06
27578 -84.334 27579 -65.504 27580 -150.47 27581 -21.792 27582 -18.837 27583 -167.72
27584 -172.2 27585 -129.44 27586 -115.43 27587 -58.877 27588 -121.85 27589 2.5131 27590
-98.07 27591 -108.09 27592 -36.375 27593 -55.439 27594 -37.526 27595 -95.115 27596
-45.945 27597 -105.14 27598 -175.53 27599 -414.45 27600 -383.71 27601 -288.99 27602
-247.16 27603 -135.86 27604 -184.94 27605 -334.97 27606 -174.41 27607 -424.72 27608
-330. 27609 -384.42 27610 -288.17 27611 -315.16 27612 -379.4 27613 -379.31 27614 -215.42
27615 -663.64 27616 -765.23 27617 -771.22 27618 -599.81 27619 -614.9 27620 -600.07
27621 -738.62 27622 -740.48 27623 -496.35 27624 -434.12 27625 -587.49 27626 -584.16
27627 -569.33 27628 -695.39 27629 -577.68 27630 -453.27 27631 -536.64 27632 -698.09
27633 -758.31 27634 -438.54 27635 -581.42 27636 -701.54 27637 -673.49 27638 -398.85
27639 -517.51 27640 -691.34 27641 -709.52 27642 -390.81 27643 -736.69 27644 -760.29
27645 -448.62 27646 -536.31 27647 -574.99 27648 -449.29 27649 -511.8 27650 -833.95 27651

-818.77 27652 -672.41 27653 -594.79 27654 -193.09 27655 -276.19 27656 -188.39 27657
-143.27 27658 -276.08 27659 -262.45 27660 -125.94 27661 -338.7 27662 -442.96 27663
-338.59 27664 -394.12 27665 -324.95 27666 -281.93 27667 -50.414 27668 18.807 27669
-262.68 27670 -245.94 27671 -226.44 27672 -229.24 27673 -235.15 27674 -193.84 27675
-192.66 27676 -204.94 27677 22.384 27678 -259.11 27679 -200.52 27680 -242.37 27681
-225.66 27682 -260.97 27683 -201.37 27684 253.9 27685 -49.961 27686 -89.396 27687 8.6509
27688 28.1 27689 42.438 27690 -35.463 27691 -20.175 27692 58.372 27693 111.66 27694
-37.954 27695 -51.812 27696 35.682 27697 43.913 27698 -28.526 27699 84.563 27700 69.477
27701 -69.065 27702 -36.892 27703 19.681 27704 0.3715 27705 59.397 27706 -26.501 27707
-204.53 27708 -140.27 27709 -17.945 27710 -1.3825 27711 65. 27712 -78.103 27713 -63.613
27714 86.492 27715 -340.43 27716 -241.64 27717 -81.27 27718 27.888 27719 -115.22 27720
87.383 27721 0.59375 27722 234.13 27723 -124.39 27724 -177.24 27725 -58.01 27726 43.064
27727 384.24 27728 419.65 27729 92.095 27730 193.17 27731 151.59 27732 -146.53 27733
-207.55 27734 -255.69 27735 -205.72 27736 -231.53 27737 -153.07 27738 -204.76 27739
-158.38 27740 -156.55 27741 -497.88 27742 -584.84 27743 -455.54 27744 -450.5 27745
-355.41 27746 -428.62 27747 -380.83 27748 -328.88 27749 -656.02 27750 -639.27 27751
-483.05 27752 -547.28 27753 564.14 27754 383.17 27755 373.24 27756 366.1 27757 266.65
27758 271.06 27759 645.71 27760 499.26 27761 482.2 27762 123.97 27763 51.631 27764
177.21 27765 92.703 27766 34.411 27767 78.008 27768 59.777 27769 123.09 27770 84.45
27771 -33.611 27772 16.888 27773 25.033 27774 -27.377 27775 653.19 27776 233.8 27777
428.46 27778 206.41 27779 408.09 27780 370.87 27781 426.71 27782 259.95 27783 207.94
27784 269.21 27785 421.41 27786 462.12 27787 420.54 27788 1411.4 27789 982.11 27790
713.33 27791 459.54 27792 662.06 27793 522.29 27794 661.78 27795 692.08 27796 1376.5
27797 1170.3 27798 1318.6 27799 1056.2 27800 -526.06 27801 -535.73 27802 -454.08 27803
-391.62 27804 -408.05 27805 -271.54 27806 -639.99 27807 -581.48 27808 -512.31 27809
-181.27 27810 -329.26 27811 -373.92 27812 -291.22 27813 -241.71 27814 -280.37 27815
-205.29 27816 -182.12 27817 -270.68 27818 -183.13 27819 7.0373 27820 66.757 27821
153.01 27822 -110.86 27823 -133.43 27824 -91.937 27825 -390.81 27826 -53.548 27827
-165.33 27828 204.21 27829 -40.735 27830 -2.3459 27831 -22.512 27832 -279.89 27833
-50.885 27834 -54.409 27835 431.61 27836 -26.779 27837 -112.21 27838 268.23 27839
-193.64 27840 186.8 27841 143.62 27842 31.841 27843 492.41 27844 91.189 27845 236.93
27846 248.61 27847 434.27 27848 17.718 27849 337.97 27850 163.45 27851 486.52 27852
366.44 27853 436.26 27854 69.971 27855 364.29 27856 390.22 27857 215.71 27858 292.17
27859 304.51 27860 399.33 27861 33.043 27862 353.29 27863 178.78 27864 331.25 27865
26.89 27866 195.25 27867 205.48 27868 236.3 27869 189.15 27870 337.8 27871 -115.4 27872
134.52 27873 88.014 27874 98.82 27875 45.806 27876 76.517 27877 267.95 27878 111.32
27879 64.668 27880 114.93 27881 6.6672 27882 -109.3 27883 -129.26 27884 26.514 27885
84.963 27886 98.596 27887 270.75 27888 77.588 27889 -157.77 27890 114.5 27891 47.455
27892 102.62 27893 -10.535 27894 72.172 27895 167.71 27896 109.08 27897 90.746 27898
116.12 27899 -15.951 27900 -33.008 27901 37.976 27902 29.571 27903 -347.7 27904 -317.09
27905 -203.92 27906 -195.49 27907 -78.836 27908 47.343 27909 -338.34 27910 -194.56
27911 -104.68 27912 -235.78 27913 -177.11 27914 -216.78 27915 -237.8 27916 -121.05 27917
-141.86 27918 -101.28 27919 -115.89 27920 -181.54 27921 -214.24 27922 -177.21 27923
-161.99 27924 -222.8 27925 -232.1 27926 -103.72 27927 -107.25 27928 -122.19 27929
-180.87 27930 -192.3 27931 -28.977 27932 -36.534 27933 -25.807 27934 -26.29 27935
-25.281 27936 -51.469 27937 -110.15 27938 -65.861 27939 -121.58 27940 -21.251 27941
-47.438 27942 -38.089 27943 -61.83 27944 -29.817 27945 -113.68 27946 -5.3752 27947
-3.7542 27948 -19.677 27949 -10.218 27950 -15.318 27951 -11.15 27952 -4.2835 27953
-4.6079 27954 -20.207 27955 -10.237 27956 -15.848 27957 -123.88 27958 -65.357 27959
-63.806 27960 -56.762 27961 -63.457 27962 -71.887 27963 -36.726 27964 25.458 27965
-70.852 27966 -89.086 27967 -37.2 27968 -77.381 27969 -42.22 27970 -93.37 27971 -91.211
27972 22.438 27973 -42.799 27974 -85.372 27975 -94.268 27976 -41.773 27977 -42.518
27978 -28.152 27979 -35.16 27980 -44.523 27981 -62.325 27982 -62.841 27983 -48.705
27984 -63.947 27985 -65.075 27986 -0.57225 27987 -17.245 27988 -5.9113 27989 -6.5614
27990 -0.41969 27991 -32.083 27992 -2.2773 27993 -52.896 27994 -12.309 27995 -11.764
27996 -8.333 27997 -62.383 27998 -21.796 27999 -36.411 28000 -164.84 28001 -38.662 28002
-137.04 28003 -156.29 28004 -280.56 28005 -272.13 28006 -91.708 28007 -7.8519 28008

-125.48 28009 -249.75 28010 -159.88 28011 -143.11 28012 -142.5 28013 -160.72 28014
-45.968 28015 -35.691 28016 -259.82 28017 -130.93 28018 -117.16 28019 -31.095 28020
-16.181 28021 -230.03 28022 -98.582 28023 -241.24 28024 -130.31 28025 -50.855 28026
-58.807 28027 -94.998 28028 -229.41 28029 -69.074 28030 -113.22 28031 -247.63 28032
-116.19 28033 -24.424 28034 -25.967 28035 -57.075 28036 -42.289 28037 -45.042 28038
-117.03 28039 -17.713 28040 -39.587 28041 -26.97 28042 -18.943 28043 -20.226 28044
-32.832 28045 -13.099 28046 -24.786 28047 -17.941 28048 -6.9071 28049 -18.007 28050
-20.397 28051 -6.8327 28052 -11.871 28053 -10.587 28054 -12.208 28055 -14.043 28056
-17.788 28057 -23.307 28058 -15.887 28059 -24.317 28060 4.1829 28061 -3.0091 28062
-1.5701 28063 -6.1386 28064 -4.8538 28065 -8.589 28066 -6.6886 28067 -2.9868 28068
-13.156 28069 -11.172 28070 -14.227 28071 -10.058 28072 -4.4033 28073 -11.496 28074
-8.9406 28075 -14.551 28076 -5.9822 28077 -14.473 28078 -7.3648 28079 -6.4257 28080
-10.064 28081 -13.075 28082 -27.632 28083 -41.345 28084 -5.9549 28085 -5.939 28086
-12.588 28087 -27.146 28088 -10.033 28089 -31.082 28090 -21.281 28091 -21.222 28092
-23.218 28093 -26.459 28094 -39.066 28095 -54.364 28096 -65.026 28097 -13.498 28098
-15.739 28099 -24.314 28100 -23.085 28101 -56.538 28102 -41.752 28103 -65.598 28104
-42.657 28105 -3.0169 28106 -22.782 28107 -21.487 28108 -76.431 28109 -68.56 28110
-51.416 28111 15.707 28112 -29.511 28113 -83.161 28114 -75.289 28115 -117.56 28116
-34.341 28117 21.473 28118 75.247 28119 32.696 28120 8.0098 28121 78.679 28122 59.739
28123 11.441 28124 -3.1743 28125 24.327 28126 25.782 28127 -1.7748 28128 4.3669 28129
3.133 28130 4.5876 28131 8.2385 28132 -0.95994 28133 -0.34768 28134 -1.9997 28135
8.9071 28136 -0.29136 28137 -3.0142 28138 -4.6361 28139 0.3209 28140 10.362 28141
2.2696 28142 4.7789 28143 2.1925 28144 1.7755 28145 0.12355 28146 -8.974 28147 5.6151
28148 5.9205 28149 0.46941 28150 5.4264 28151 -20.958 28152 16.566 28153 11.135 28154
34.864 28155 42.281 28156 11.481 28157 2.4877 28158 13.903 28159 0.55756 28160 14.903
28161 35.088 28162 50.062 28163 77.986 28164 60.802 28165 24.994 28166 -14.581 28167
32.424 28168 46.904 28169 12.042 28170 143.09 28171 151.74 28172 133.24 28173 112.63
28174 85.037 28175 40.213 28176 69.335 28177 152.74 28178 81.265 28179 163.78 28180
138.41 28181 145.28 28182 97.081 28183 132.86 28184 164.79 28185 147.06 28186 308.17
28187 174.3 28188 60.9 28189 173.43 28190 269.15 28191 148.93 28192 116.13 28193
148.06 28194 157.51 28195 184.41 28196 95.602 28197 126.43 28198 184.43 28199 191.83
28200 279.25 28201 178.44 28202 207.29 28203 233.22 28204 135.16 28205 166.83 28206
160.96 28207 254.25 28208 182.28 28209 208.21 28210 168.36 28211 160.84 28212 189.68
28213 183.81 28214 209.74 28215 155.12 28216 137.94 28217 176.43 28218 111.79 28219
181.01 28220 117.58 28221 125. 28222 139.12 28223 168.07 28224 113.51 28225 89.902
28226 65.215 28227 137.08 28228 46.276 28229 31.661 28230 118.14 28231 -20.943 28232
-15.369 28233 -14.446 28234 -43.576 28235 -14.43 28236 -35.636 28237 -49.349 28238
-12.912 28239 -42.042 28240 -34.102 28241 -16.99 28242 -35.32 28243 -23.095 28244
-70.941 28245 -85.5 28246 -56.177 28247 -66.84 28248 5.4058 28249 -50.67 28250 -35.115
28251 -44.454 28252 80.623 28253 55.17 28254 56.906 28255 13.026 28256 -2.1907 28257
35.405 28258 -10.373 28259 6.7705 28260 57.083 28261 13.204 28262 35.582 28263 -10.196
28264 -52.463 28265 -99.325 28266 30.752 28267 31.63 28268 10.129 28269 11.424 28270
-35.649 28271 -18.505 28272 11.866 28273 7.0351 28274 -5.4111 28275 -4.1818 28276
-13.234 28277 -15.231 28278 -57.039 28279 -7.3374 28280 -7.3215 28281 -10.96 28282
-42.241 28283 -6.3983 28284 -27.605 28285 -10.492 28286 -283.61 28287 -241.41 28288
-203.59 28289 -154. 28290 -169.22 28291 -212.44 28292 -115.1 28293 -270.06 28294 -239.75
28295 -160.26 28296 -233.59 28297 -245.58 28298 -268.15 28299 -184. 28300 -296.52 28301
-300.05 28302 -269.74 28303 -172.9 28304 -164.21 28305 -148.66 28306 -211.64 28307
-183.61 28308 -158. 28309 -179.52 28310 -158.17 28311 -172.73 28312 -205.6 28313 -202.63
28314 -83.263 28315 -124.76 28316 -105.2 28317 -85.553 28318 -136.88 28319 -91.327
28320 -157.9 28321 -102.57 28322 -102.65 28323 -39.35 28324 -38.825 28325 -82.03 28326
-62.385 28327 -55.663 28328 -79.404 28329 -79.485 28330 -19.09 28331 -18.081 28332
-61.286 28333 -102.95 28334 -58.66 28335 -61.769 28336 -103.44 28337 -34.393 28338
-58.135 28339 -123.52 28340 -155.21 28341 -176.22 28342 -156.67 28343 -145.63 28344
-101.34 28345 -174.81 28346 -165.1 28347 -191.39 28348 -200.23 28349 -102.89 28350
-146.07 28351 -257.85 28352 -165.57 28353 -146.64 28354 -108.25 28355 -220.04 28356
-200.13 28357 -158.64 28358 -232.03 28359 -251.08 28360 -254.6 28361 -101.32 28362

-213.1 28363 -102.74 28364 -54.623 28365 -42.229 28366 -189.01 28367 -244.54 28368
-157.82 28369 -68.041 28370 -93.492 28371 -45.839 28372 -49.029 28373 -33.445 28374
-180.23 28375 -104.07 28376 -59.257 28377 -45.023 28378 -303.13 28379 -405.26 28380
-367.17 28381 -272.8 28382 -351.87 28383 -235.02 28384 -256.99 28385 -234.87 28386
-222.7 28387 -409.19 28388 -445.66 28389 -388.8 28390 -422.23 28391 -424.79 28392 -278.3
28393 -210.43 28394 -253.01 28395 -294.63 28396 -304.52 28397 -353.74 28398 -69.961
28399 -385.1 28400 -356.84 28401 -294.47 28402 -408.21 28403 -205.83 28404 -272.26
28405 -200.28 28406 -252.27 28407 -168.43 28408 -148.29 28409 -128.56 28410 -67.579
28411 -114.61 28412 -79.768 28413 -57.557 28414 -62.11 28415 -75.674 28416 -46.825 28417
-25.461 28418 -1.2736 28419 -12.621 28420 -15.413 28421 -24.831 28422 -22.45 28423
22.966 28424 -13.312 28425 37.497 28426 29.699 28427 -30.267 28428 12.37 28429 14.2
28430 11.22 28431 360.71 28432 368.92 28433 171.26 28434 146.67 28435 303.97 28436
174.3 28437 266.87 28438 205.56 28439 163.92 28440 111.52 28441 389.39 28442 407.37
28443 223.19 28444 168.58 28445 361.09 28446 379.52 28447 84.005 28448 237.51 28449
99.366 28450 152.64 28451 294.52 28452 365.29 28453 66.755 28454 284.05 28455 63.389
28456 315.04 28457 46.961 28458 29.995 28459 129.43 28460 -39.59 28461 -21.328 28462
113.72 28463 2.1688 28464 83.822 28465 -12.574 28466 19.245 28467 16.055 28468 -50.339
28469 -8.5807 28470 73.072 28471 39.082 28472 -0.91043 28473 14.674 28474 -42.512
28475 0.38889 28476 -100.91 28477 86.005 28478 3.096 28479 56.107 28480 22.116 28481
-9.4144e-002 28482 18.926 28483 -201.58 28484 -167.4 28485 -149.14 28486 -192.94 28487
-192.63 28488 -182.46 28489 -186.85 28490 -140.38 28491 -171.07 28492 -196.61 28493
-186.13 28494 -183.07 28495 -129.31 28496 -159.72 28497 -144.05 28498 -139.76 28499
-86.487 28500 -185.03 28501 -177.19 28502 -195.03 28503 -172.37 28504 -175.73 28505
-187.23 28506 -41.229 28507 -95.835 28508 -206.02 28509 -199.39 28510 -180.41 28511
-177.66 28512 -39.613 28513 -195.14 28514 -75.416 28515 -182.27 28516 -185.49 28517
-153.07 28518 -105.5 28519 -99.349 28520 -110.44 28521 -128.14 28522 -182.26 28523
-188.68 28524 -166.78 28525 -186.67 28526 -216.25 28527 -227.84 28528 -185.58 28529
-198.96 28530 -164.25 28531 -189.54 28532 -233.46 28533 -287.16 28534 -206.96 28535
-208.93 28536 -159.42 28537 -195.22 28538 -182.59 28539 -307.55 28540 -287.76 28541
-199.45 28542 -201.05 28543 -128.28 28544 -182.4 28545 -144.83 28546 -174.71 28547
-179.74 28548 -297.29 28549 -366.9 28550 -328.81 28551 -227.49 28552 -196.66 28553
-207.78 28554 -207.92 28555 -222.19 28556 -241.56 28557 -297.09 28558 -202.29 28559
-179.24 28560 -195.24 28561 -247.13 28562 -207.87 28563 -197.39 28564 -170.98 28565
-200.81 28566 -25.372 28567 -16.695 28568 -19.33 28569 -37.14 28570 -36.996 28571
-39.029 28572 -38.825 28573 -53.06 28574 -16.121 28575 -7.7126 28576 -22.946 28577
-7.0099 28578 -37.906 28579 -30.636 28580 -37.578 28581 -14.726 28582 -3.5882 28583
-17.93 28584 -22.702 28585 -21.793 28586 -27.494 28587 -38.53 28588 -4.7622 28589
-13.919 28590 -6.0124 28591 -25.208 28592 -16.242 28593 -24.103 28594 -27.266 28595
-22.27 28596 -27.409 28597 -24.812 28598 -21.32 28599 -18.057 28600 -5.5987 28601
-6.5345 28602 -5.2497 28603 -30.568 28604 -10.783 28605 -10.434 28606 -18.863 28607
-37.097 28608 -25.449 28609 -34.925 28610 -356.35 28611 -102.41 28612 -245.07 28613
-209.11 28614 60.612 28615 -6.8753 28616 18.494 28617 67.831 28618 78.109 28619 -268.5
28620 -146.02 28621 430.26 28622 310.05 28623 -22.943 28624 196.65 28625 168.98 28626
309.18 28627 296.4 28628 -36.596 28629 263.59 28630 155.32 28631 295.52 28632 -7.1071
28633 -7.8521 28634 -3.772 28635 -10.575 28636 -11.452 28637 -6.4949 28638 -12.58 28639
-32.109 28640 -29.963 28641 -24.003 28642 -22.063 28643 -124.64 28644 -72.474 28645
-75.011 28646 -26.87 28647 -16.581 28648 -21.934 28649 -21.168 28650 -115.93 28651
-75.222 28652 -31.313 28653 -80.007 28654 -14.029 28655 -13.25 28656 -19.382 28657
-72.669 28658 -28.761 28659 -24.911 28660 -25.389 28661 -118.77 28662 -79.305 28663
-20.796 28664 -21.654 28665 -16.992 28666 -17.33 28667 -17.194 28668 -103.45 28669
-102.46 28670 -56.894 28671 -48.832 28672 -74.809 28673 -20.638 28674 -24.642 28675
-24.248 28676 -20.939 28677 -20.97 28678 -20.524 28679 -20.104 28680 -86.74 28681
-103.91 28682 -75.256 28683 -47.644 28684 -17.944 28685 -19.923 28686 -19.382 28687
-16.151 28688 -19.145 28689 -108.17 28690 -27.014 28691 -35.4 28692 -24.176 28693
-26.341 28694 -106.89 28695 -86.928 28696 -36.325 28697 -32.294 28698 -37.033 28699
-30.555 28700 -32.152 28701 -79.804 28702 -113.5 28703 -31.887 28704 -35.984 28705
-32.383 28706 -32.807 28707 -152.47 28708 -33.41 28709 -23.934 28710 -25.569 28711

-29.612 28712 -87.533 28713 -19.924 28714 -21.717 28715 -25.157 28716 -23.046 28717
-22.636 28718 -73.495 28719 -74.52 28720 -20.311 28721 -18.663 28722 -25.467 28723
-19.501 28724 -20.424 28725 -65.365 28726 -59.174 28727 -89.557 28728 -92.418 28729
-26.156 28730 -26.825 28731 -25.731 28732 -25.392 28733 -28.405 28734 -107.33 28735
-124.71 28736 -67.385 28737 -30.28 28738 -29.305 28739 -30.503 28740 -28.902 28741
-143.57 28742 -112.5 28743 -127.16 28744 -104.95 28745 -145.17 28746 -31.95 28747
-31.247 28748 -30.806 28749 -31.87 28750 -147.07 28751 -122.02 28752 -116.83 28753 -116.9
28754 -162.22 28755 -28.705 28756 -29.613 28757 -29.602 28758 -31.465 28759 -133.55
28760 -118.9 28761 -149.25 28762 -126.74 28763 -32.724 28764 -33.138 28765 -32.152 28766
-33.098 28767 -137.19 28768 -136.19 28769 -121.77 28770 -161.13 28771 -123.51 28772
-33.838 28773 -33.154 28774 -34.096 28775 -32.147 28776 -136.36 28777 -115.83 28778
-131.48 28779 -135.72 28780 -32.053 28781 -25.312 28782 -30.583 28783 -28.101 28784
-119.16 28785 -113.71 28786 -120.86 28787 -23.481 28788 -24.312 28789 -29.932 28790
-26.799 28791 -27.225 28792 -79.36 28793 -25.323 28794 -22.84 28795 -21.799 28796
-21.454 28797 -88.64 28798 -90.89 28799 -13.269 28800 -22.767 28801 -16.164 28802
-19.166 28803 -95.854 28804 -65.935 28805 -120.01 28806 -31.148 28807 -37.04 28808
-28.368 28809 -164.03 28810 -34.986 28811 -38.081 28812 -32.613 28813 -39.155 28814
-35.8 28815 -150.56 28816 -87.409 28817 -84.259 28818 -20.578 28819 -21.235 28820 -18.42
28821 -18.691 28822 -99.989 28823 -70.237 28824 -25.545 28825 -24.317 28826 -22.956
28827 -20.764 28828 -21.971 28829 -117.97 28830 -64.206 28831 -107.05 28832 -65.524
28833 -15.717 28834 -20.627 28835 -18.915 28836 -16.292 28837 -18.071 28838 -77.991
28839 -99.431 28840 -53.917 28841 -49.54 28842 -19.763 28843 -25.353 28844 -26.741
28845 -18.462 28846 -20.878 28847 -18.934 28848 -22.882 28849 -100.78 28850 -61.186
28851 -72.408 28852 -32.886 28853 -30.658 28854 -23.846 28855 -24.349 28856 -129.14
28857 -70.894 28858 -59.983 28859 -26.12 28860 -36.274 28861 -21.403 28862 -125.5 28863
-80.604 28864 -35.7 28865 -31.351 28866 -25.924 28867 -21.939 28868 -131.36 28869
-62.281 28870 -29.162 28871 -29.968 28872 -19.511 28873 -19.58 28874 -149.12 28875
-59.199 28876 -44.162 28877 -8.4069 28878 -29.577 28879 -30.04 28880 -7.8499 28881
-20.72 28882 -20.194 28883 -120.57 28884 -5.1746 28885 -26.146 28886 -24.176 28887
-5.2269 28888 -15.694 28889 -16.225 28890 -10.307 28891 -85.114 28892 -126.39 28893
-26.153 28894 -1.4021 28895 -18.629 28896 -19.408 28897 -1.3571 28898 -11.701 28899
-96.133 28900 -36.508 28901 -19.705 28902 -22.804 28903 1.0791 28904 -12.111 28905
-11.011 28906 -83.769 28907 -31.579 28908 -57.645 28909 -35.164 28910 -37.774 28911
-18.309 28912 -20.735 28913 -54.424 28914 -41.575 28915 -42.69 28916 -22.547 28917
-21.423 28918 -27.969 28919 37.402 28920 -37.66 28921 -34.54 28922 -18.061 28923 -7.8216
28924 -38.736 28925 -24.88 28926 -23.91 28927 -12.444 28928 -3.8773 28929 -115.65 28930
-25.435 28931 -42.328 28932 -25.452 28933 -23.831 28934 8.7957 28935 -8.7362 28936
-1.1306 28937 -97.187 28938 -27.166 28939 -25.825 28940 -26.033 28941 -12.366 28942
-11.164 28943 -116.13 28944 9.9928 28945 -21.976 28946 -15.574 28947 -17.707 28948
-7.1232 28949 -6.841 28950 -111.23 28951 -80.087 28952 -4.4569 28953 -30.655 28954
-32.879 28955 -17.059 28956 -11.855 28957 -120.5 28958 -141.27 28959 -12.927 28960
-18.232 28961 -81.877 28962 -148.89 28963 -40.478 28964 -39.136 28965 -16.938 28966
-16.667 28967 -146.37 28968 -147.38 28969 -2.1387 28970 -30.826 28971 -27.408 28972
-12.738 28973 -11.144 28974 -112.62 28975 -139.13 28976 9.1145 28977 -30.319 28978
-75.747 28979 -18.771 28980 -16.395 28981 5.4517 28982 -6.5444 28983 -7.2384 28984
-107.12 28985 -76.265 28986 -1.2466 28987 -11.879 28988 -51.206 28989 -23.435 28990
-25.237 28991 -10.275 28992 -9.5193 28993 -119.25 28994 -19.185 28995 1.7635 28996
-28.56 28997 -26.14 28998 -13.89 28999 -11.926 29000 -87.625 29001 -21.107 29002 -24.378
29003 -24.839 29004 -12.532 29005 -12.79 29006 -97.26 29007 -32.368 29008 -27.055 29009
-31.375 29010 -16.519 29011 -13.481 29012 -22.962 29013 -44.878 29014 -39.677 29015
-38.515 29016 -17.166 29017 -19.938 29018 4.5189 29019 -42.32 29020 -33.206 29021
4.2218e-002 29022 -17.975 29023 -14.642 29024 -41.135 29025 -32.843 29026 -15.185 29027
-16.779 29028 0.267 29029 -8.6938 29030 -8.6585 29031 -79.845 29032 -76.205 29033
-21.709 29034 -19.41 29035 -28.299 29036 -34.367 29037 -3.6896 29038 -16.779 29039
-9.2039 29040 -99.267 29041 -49.391 29042 -31.756 29043 -31.382 29044 -19.919 29045
-20.169 29046 -108.6 29047 -125.45 29048 -60.602 29049 -32.061 29050 -6.3331 29051
-25.131 29052 -24.652 29053 -6.9878 29054 -17.064 29055 -16.461 29056 -78.81 29057

-120.53 29058 -44.225 29059 -46.218 29060 -37.905 29061 -79.928 29062 -26.49 29063
-25.526 29064 -16.766 29065 -17.05 29066 -133.29 29067 -80.418 29068 -51.823 29069
-47.896 29070 -14.455 29071 -124. 29072 -53.609 29073 -29.584 29074 -21.007 29075
-10.229 29076 -15.165 29077 -13.595 29078 -70.797 29079 -122.79 29080 -52.4 29081
-22.319 29082 -15.599 29083 -71.231 29084 -22.753 29085 -6.2884 29086 -7.3303 29087
-10.332 29088 -10.834 29089 -46.469 29090 -38.666 29091 -8.3133 29092 -7.1569 29093
-66.358 29094 -85.563 29095 -12.24 29096 -7.5231 29097 -8.2101 29098 -66.724 29099
-11.927 29100 -11.939 29101 -14.355 29102 -16.359 29103 -54.663 29104 -65.884 29105
-14.576 29106 -11.365 29107 -12.205 29108 -11.953 29109 -13.732 29110 -49.578 29111
-31.479 29112 -45.201 29113 -17.836 29114 -19.743 29115 -17.551 29116 -17.56 29117
-60.992 29118 -19.614 29119 -20.444 29120 -17.111 29121 -17.072 29122 -68.928 29123
-62.578 29124 -29.905 29125 -30.521 29126 -36.447 29127 -33.092 29128 -26.448 29129
-81.551 29130 -42.556 29131 -42.202 29132 -33.137 29133 -31.791 29134 -167.46 29135
-146.17 29136 -46.156 29137 -37.408 29138 -33.452 29139 -31.744 29140 -108.43 29141
-28.048 29142 -29.713 29143 -32.711 29144 -25.684 29145 -26.661 29146 -96.097 29147
-84.239 29148 -29.876 29149 -34.582 29150 -35.496 29151 -32.578 29152 -32.789 29153
-34.158 29154 -37.717 29155 -27.605 29156 -33.365 29157 -123.62 29158 -40.502 29159
-51.205 29160 -49.8 29161 -41.919 29162 -46.652 29163 -123.17 29164 -143.07 29165 -51.29
29166 -48.785 29167 -38.961 29168 -35.574 29169 -129.41 29170 -47.006 29171 -47.944
29172 -36.577 29173 -40.522 29174 -126.1 29175 -133.72 29176 -44.379 29177 -41.946
29178 -32.284 29179 -74.739 29180 -86.127 29181 -45.97 29182 -48.219 29183 -35.849
29184 -32.049 29185 -121.07 29186 -37.865 29187 -46.569 29188 -47.065 29189 -39.689
29190 -44.578 29191 -120.09 29192 -112.53 29193 -152.75 29194 -31.398 29195 -38.045
29196 -34.071 29197 -29.301 29198 -33.782 29199 -72.627 29200 -68.112 29201 -91.557
29202 -31.387 29203 -31.404 29204 -24.882 29205 -26.345 29206 -62.999 29207 -98.338
29208 -23.349 29209 -28.582 29210 -27.971 29211 -22.899 29212 -26.061 29213 -77.945
29214 -60.432 29215 -41.722 29216 -44.232 29217 -45.129 29218 -37.078 29219 -37.924
29220 -170.13 29221 -40.717 29222 -34.212 29223 -35.164 29224 -155.26 29225 -66.67
29226 -37.386 29227 -36.227 29228 -30.908 29229 -31.297 29230 -113.85 29231 -25.764
29232 -26.973 29233 -22.996 29234 -22.926 29235 -22.632 29236 -85.679 29237 -59.661
29238 -19.485 29239 -15.713 29240 -16.747 29241 -18.706 29242 -19.359 29243 -107.73
29244 -20.607 29245 -16.903 29246 -14.903 29247 -16.489 29248 -16.069 29249 -71.221
29250 -52.148 29251 -10.32 29252 -8.5025 29253 -10.658 29254 -10.522 29255 -42.16 29256
-7.2282 29257 -7.1023 29258 -12.287 29259 -10.347 29260 -63.295 29261 -9.021 29262
-9.4987 29263 -63.415 29264 -2.9603 29265 -9.0925 29266 -8.3261 29267 -18.471 29268
-67.165 29269 -8.3133 29270 -17.692 29271 7.2551 29272 7.0072 29273 0.42409 29274
0.14053 29275 -34.633 29276 0.17848 29277 -4.8218 29278 -3.2517 29279 -42.057 29280
-11.976 29281 -4.757 29282 -11.911 29283 -1.4789 29284 -16.607 29285 11.394 29286 11.296
29287 1.2207 29288 1.8231 29289 -25.941 29290 -19.621 29291 -5.323 29292 16.014 29293
20.223 29294 3.9385 29295 5.8901 29296 -34.544 29297 24.226 29298 24.267 29299 10.328
29300 18.752 29301 -21.435 29302 15.879 29303 16.449 29304 7.4017 29305 7.5239 29306
-5.5269 29307 28.229 29308 35.159 29309 14.397 29310 20.475 29311 2.2738 29312 -3.6478
29313 42.126 29314 46.741 29315 24.973 29316 25.074 29317 26.789 29318 46.658 29319
50.636 29320 45.394 29321 24.054 29322 25.347 29323 17.611 29324 4.5508 29325 32.989
29326 32.875 29327 16.858 29328 16.691 29329 -2.9788 29330 -0.51431 29331 5.3313 29332
33.193 29333 37.935 29334 17.581 29335 18.93 29336 1.7483 29337 10.364 29338 9.6978
29339 44.44 29340 43.756 29341 25.692 29342 25.604 29343 36.699 29344 29.404 29345
33.393 29346 28.45 29347 17.506 29348 16.074 29349 11.119 29350 39.441 29351 45.087
29352 20.805 29353 22.224 29354 3.9642 29355 71.208 29356 72.257 29357 40.162 29358
60.424 29359 55.013 29360 31.069 29361 61.781 29362 39.139 29363 41.34 29364 37.513
29365 19.609 29366 19.216 29367 16.994 29368 6.9069 29369 27.332 29370 33.893 29371
16.843 29372 20.652 29373 9.0643 29374 44.189 29375 43.973 29376 21.748 29377 23.725
29378 12.913 29379 37.822 29380 32.196 29381 18.402 29382 27.896 29383 1.8603 29384
5.2891 29385 34.989 29386 36.913 29387 18.705 29388 26.292 29389 4.7349 29390 -12.158
29391 3.9067 29392 47.608 29393 44.979 29394 25.541 29395 33.745 29396 2.8303 29397
-21.161 29398 53.204 29399 62.343 29400 26.487 29401 25.609 29402 86.435 29403 40.536
29404 36.32 29405 19.201 29406 26.917 29407 -5.476 29408 -16.915 29409 51.418 29410

20.908 29411 18.188 29412 7.7174 29413 9.094 29414 -11.751 29415 -1.7299 29416 15.542
29417 14.812 29418 5.1974 29419 5.3346 29420 -79.234 29421 -19.609 29422 -5.6896 29423
15.229 29424 14.88 29425 4.2312 29426 10.149 29427 -5.6973 29428 -8.9549 29429 12.772
29430 12.467 29431 -9.8018e-002 29432 0.42792 29433 -99.947 29434 9.33 29435 8.5342
29436 -0.40409 29437 -0.47333 29438 -40.092 29439 -13.482 29440 -6.2146 29441 -4.0696
29442 -44.412 29443 -20.012 29444 -10.236 29445 -85.289 29446 -46.593 29447 -25.283
29448 -25.64 29449 -125.92 29450 -52.635 29451 -76.291 29452 -21.645 29453 -21.197
29454 -107.12 29455 -123.78 29456 -71.608 29457 -14.199 29458 -16.354 29459 -18.564
29460 -102.48 29461 -42.254 29462 -47.856 29463 -16.875 29464 -17.96 29465 -17.076
29466 -102.34 29467 -56.776 29468 -20.494 29469 -19.676 29470 -103.88 29471 -75.225
29472 -56.153 29473 -20.545 29474 -86.315 29475 -47.219 29476 -18.726 29477 -20.685
29478 -21.337 29479 -109.71 29480 -85.135 29481 -17.151 29482 -17.418 29483 -20.144
29484 -19.722 29485 -109.17 29486 -102.71 29487 -56.727 29488 -22.44 29489 -22.146
29490 -105.16 29491 -85.193 29492 -59.175 29493 -34.457 29494 -32.991 29495 -113.54
29496 -143.75 29497 -93.579 29498 -97.932 29499 -155.37 29500 -31.728 29501 -32.117
29502 -114.67 29503 -98.142 29504 -25.02 29505 -29.293 29506 -76.945 29507 -29.569 29508
-24.839 29509 -149.66 29510 -61.074 29511 -32.894 29512 -34.09 29513 -38.974 29514
-121.77 29515 -153.76 29516 -33.164 29517 -34.009 29518 -166.22 29519 -91.93 29520
-20.491 29521 -19.488 29522 -72.36 29523 -55.871 29524 -82.455 29525 -23.954 29526
-18.272 29527 -21.433 29528 -72.293 29529 -73.317 29530 -55.804 29531 -27.055 29532
-23.636 29533 -24.28 29534 -108.75 29535 -74.085 29536 -58.65 29537 -75.109 29538
-20.109 29539 -21.572 29540 -108.33 29541 -66.512 29542 -58.226 29543 -93.565 29544
-19.861 29545 -18.999 29546 -20.483 29547 -64.863 29548 -58.673 29549 -32.402 29550
-24.991 29551 -28.139 29552 -106.93 29553 -66.985 29554 -85.914 29555 -26. 29556 -110.28
29557 -107.6 29558 -124.98 29559 -30.842 29560 -27.639 29561 -111.24 29562 -103.68 29563
-28.265 29564 -22.141 29565 -141.34 29566 -124.92 29567 -25.091 29568 -25.288 29569
-140.49 29570 -110.32 29571 -23.862 29572 -23.522 29573 -114.73 29574 -109.55 29575
-77.706 29576 -27.874 29577 -24.438 29578 -115.31 29579 -145.66 29580 -66.893 29581
-26.919 29582 -130.87 29583 -124.06 29584 -37.819 29585 -27.3 29586 -31.335 29587
-131.34 29588 -116.91 29589 -28.626 29590 -28.662 29591 -132.75 29592 -119.07 29593
-32.03 29594 -26.773 29595 -134.29 29596 -129.41 29597 -31.82 29598 -29.397 29599
-113.08 29600 -132.97 29601 -43.475 29602 -33.671 29603 -38.922 29604 -115.44 29605
-122.25 29606 -116.8 29607 -21.192 29608 -24.448 29609 -115.5 29610 -117.21 29611 -28.862
29612 -27.211 29613 -79.772 29614 -31.174 29615 -28.257 29616 -28.467 29617 -112.4 29618
-80.603 29619 -31.584 29620 -24.678 29621 -29.58 29622 -31.171 29623 -113.73 29624
-91.519 29625 -93.768 29626 -20.873 29627 -21.85 29628 -89.037 29629 -91.286 29630
-79.428 29631 -10.975 29632 -10.648 29633 -81.459 29634 -170.67 29635 -71.85 29636
-60.747 29637 -114.82 29638 -25.184 29639 -23.476 29640 -100.16 29641 -24.639 29642
-22.204 29643 -160.3 29644 -31.876 29645 -30.531 29646 -166.2 29647 -144.91 29648
-36.187 29649 -34.968 29650 -37.343 29651 -87.796 29652 -78.536 29653 -144.54 29654
-30.719 29655 -24.075 29656 -79.178 29657 -18.7 29658 -17.414 29659 -98.711 29660
-93.976 29661 -68.96 29662 -68.343 29663 -147.15 29664 -17.8 29665 -17.762 29666 -99.369
29667 -69.617 29668 -63.267 29669 -20.833 29670 -22.605 29671 -118.6 29672 -102.15 29673
-66.159 29674 -20.17 29675 -20.18 29676 -117.37 29677 -79.824 29678 -63.612 29679
-16.863 29680 -21.102 29681 -16.979 29682 -78.562 29683 -50.111 29684 -14.564 29685
-14.393 29686 -16.931 29687 -98.291 29688 -52.777 29689 -34.677 29690 -18.001 29691
-99.846 29692 -101.61 29693 -71.474 29694 -52.859 29695 -21.333 29696 -22.282 29697
-101.23 29698 -61.641 29699 -24.326 29700 -23.584 29701 -128.38 29702 -70.129 29703
-20.852 29704 -18.555 29705 -126.15 29706 -56.99 29707 -17.136 29708 -17.823 29709
-121.24 29710 -76.337 29711 -28.447 29712 -27.291 29713 -131.39 29714 -86.492 29715
-105.7 29716 -28.901 29717 -134.33 29718 -103.95 29719 -65.257 29720 -22.712 29721
-20.567 29722 -129.99 29723 -60.909 29724 -93.734 29725 -18.67 29726 -18.673 29727
-148.28 29728 -58.359 29729 -19.891 29730 -19.545 29731 -149.08 29732 -44.127 29733
-8.7033 29734 -21.268 29735 -20.327 29736 -121.12 29737 -8.8609 29738 -20.279 29739
-21.205 29740 -121.58 29741 -129.1 29742 -51.01 29743 -6.0913 29744 -16.74 29745 -17.163
29746 -126.91 29747 -48.815 29748 -26.668 29749 -3.7721 29750 -14.239 29751 -83.66
29752 -24.699 29753 -2.4147 29754 -12.029 29755 -11.892 29756 -96.461 29757 -81.777

29758 -2.464 29759 -10.935 29760 -12.808 29761 -9.2512 29762 -97.24 29763 -83.565 29764
-37.615 29765 -29.534 29766 -10.893 29767 -9.5165 29768 -82.551 29769 -30.361 29770
-28.52 29771 -12.837 29772 -12.893 29773 -85.651 29774 -24.512 29775 -59.527 29776
-16.032 29777 -8.3162 29778 -40.709 29779 -52.148 29780 -19.86 29781 -21.069 29782
-54.758 29783 13.574 29784 -30.375 29785 -18.885 29786 -19.763 29787 41.064 29788 -19.4
29789 -18.876 29790 -8.413 29791 -21.025 29792 -25.423 29793 39.948 29794 -20.29 29795
-12.086 29796 -43. 29797 -66.992 29798 -19.206 29799 -17.856 29800 -120.5 29801 -37.161
29802 -39.881 29803 -10.363 29804 -2.7752 29805 -114.55 29806 -41.226 29807 -10.372
29808 -3.1799 29809 -98.072 29810 -113.58 29811 -23.362 29812 -25.927 29813 -11.761
29814 -2.2667 29815 -100.45 29816 -98.323 29817 -28.302 29818 10.544 29819 -11.681
29820 -8.2512 29821 -8.266 29822 -96.702 29823 -12.7 29824 -10.724 29825 -115.69 29826
-21.536 29827 -12.134 29828 -85.214 29829 -115.9 29830 10.225 29831 4.826 29832 -5.6628
29833 -6.8668 29834 -80.113 29835 -4.4827 29836 -9.2827 29837 -8.8983 29838 -113.39
29839 -6.6165 29840 -12.181 29841 -8.4179 29842 -117.07 29843 -14.795 29844 -78.44 29845
-12.559 29846 -15.846 29847 -140.06 29848 18.153 29849 -11.714 29850 -12.868 29851
-15.066 29852 -142.57 29853 1.6596 29854 -6.9957 29855 15.298 29856 -16.797 29857
-11.798 29858 -142.24 29859 3.0016 29860 -16.738 29861 -14.196 29862 -142.18 29863 6.063
29864 11.17 29865 -12.372 29866 -11.692 29867 -112.26 29868 9.4811 29869 -29.952 29870
-9.9737 29871 -9.2319 29872 -109.12 29873 -3.2401 29874 5.8345 29875 -6.1616 29876
-6.5413 29877 -75.883 29878 -11.496 29879 7.8307 29880 -8.0564 29881 -7.9919 29882
-78.83 29883 -117.72 29884 -17.657 29885 8.5455 29886 -10.55 29887 -9.6067 29888 -119.52
29889 1.4884 29890 -5.8064 29891 -11.332 29892 -12.505 29893 -88.204 29894 -7.6201
29895 -21.687 29896 -12.049 29897 -10.7 29898 -105.78 29899 -85.783 29900 -27.882 29901
-19.266 29902 4.8633 29903 -9.6632 29904 -10.111 29905 -104.48 29906 -94.581 29907
-29.689 29908 -26.582 29909 -10.314 29910 -10.481 29911 -95.042 29912 -30.15 29913
-27.686 29914 -10.426 29915 -10.933 29916 -95.984 29917 -28.629 29918 -42.33 29919
-18.291 29920 -16.998 29921 -24.734 29922 -21.82 29923 -18.266 29924 2.6368 29925
-17.886 29926 -17.785 29927 -16.07 29928 3.7989 29929 -21.534 29930 -44.694 29931
-63.792 29932 -15.165 29933 -9.0865 29934 -27.288 29935 -33.209 29936 -8.0066 29937
-2.6361 29938 -79.158 29939 -75.518 29940 -18.723 29941 -9.687 29942 -9.5647 29943
-80.751 29944 -22.616 29945 -2.5732 29946 -15.663 29947 -11.211 29948 -98.15 29949 -85.5
29950 -78.256 29951 -48.275 29952 -22.579 29953 -14.155 29954 -104.22 29955 -111.03
29956 -54.343 29957 -17.213 29958 -11.686 29959 -105.9 29960 -29.355 29961 -6.9645 29962
-19.04 29963 -17.089 29964 -122.37 29965 -57.522 29966 -7.5012 29967 -17.577 29968
-16.162 29969 -121.04 29970 -46.731 29971 -15.038 29972 -16.496 29973 -78.845 29974
-44.26 29975 -15.423 29976 -15.463 29977 -79.075 29978 -46.554 29979 -15.33 29980
-14.742 29981 -130.99 29982 -49.516 29983 -9.9975 29984 -7.7005 29985 -46.135 29986
-12.284 29987 -11.542 29988 -58.087 29989 -39.373 29990 -13.042 29991 -13.99 29992
-53.35 29993 -11.11 29994 -15.058 29995 -64.583 29996 -11.182 29997 -11.457 29998 -13.72
29999 -31.467 30000 -12.78 30001 -12.895 30002 -46.028 30003 -19.097 30004 -16.913
30005 -60.344 30006 -18.81 30007 -20.016 30008 -62.251 30009 -105.1 30010 -63.57 30011
-17.739 30012 -17.449 30013 -62.955 30014 -18.317 30015 -18.589 30016 -70.135 30017
-23.432 30018 -24.691 30019 -79.794 30020 -73.076 30021 -37.262 30022 -38.417 30023
-152.02 30024 -88.87 30025 -85.72 30026 -33.969 30027 -37.428 30028 -80.996 30029 -147.
30030 -32.269 30031 -167.93 30032 -35.995 30033 -32.844 30034 -22.537 30035 -25.539
30036 -102.23 30037 -72.308 30038 -22.538 30039 -19.891 30040 -81.093 30041 -69.989
30042 -26.858 30043 -26.513 30044 -95.949 30045 -32.962 30046 -34.553 30047 -117.11
30048 -97.151 30049 -34.087 30050 -86.222 30051 -32.18 30052 -33.038 30053 -30.836
30054 -34.092 30055 -126.86 30056 -42.005 30057 -47.256 30058 -125.13 30059 -41.118
30060 -38.695 30061 -142.27 30062 -42.747 30063 -37.491 30064 -140.13 30065 -38.373
30066 -38.409 30067 -127.08 30068 -128.82 30069 -37.248 30070 -41.283 30071 -126.86
30072 -38.275 30073 -135.42 30074 -39.293 30075 -35.857 30076 -157.08 30077 -78.312
30078 -33.424 30079 -33.083 30080 -119.11 30081 -87.267 30082 -34.935 30083 -35.132
30084 -120.09 30085 -120.16 30086 -39.508 30087 -33.384 30088 -136.17 30089 -39.546
30090 -36.343 30091 -112.39 30092 -152.61 30093 -36.162 30094 -44.932 30095 -135.14
30096 -31.638 30097 -34.651 30098 -34.786 30099 -73.632 30100 -26.332 30101 -26.953
30102 -65.143 30103 -25.804 30104 -26.728 30105 -95.86 30106 -98.721 30107 -25.281

30108 -29.029 30109 -63.399 30110 -79.858 30111 -27.076 30112 -26.666 30113 -78.55 30114
-22.893 30115 -24.043 30116 -60.426 30117 -32.477 30118 -36.519 30119 -168.73 30120
-94.441 30121 -36.571 30122 -42.651 30123 -125.45 30124 -169.62 30125 -35.618 30126
-36.042 30127 -155.71 30128 -29.112 30129 -24.382 30130 -76.307 30131 -60.618 30132
-32.436 30133 -34.032 30134 -81.684 30135 -115.38 30136 -31.73 30137 -31.666 30138
-114.22 30139 -95.204 30140 -97.691 30141 -23.649 30142 -25.814 30143 -86.401 30144
-90.754 30145 -17.098 30146 -19.378 30147 -56.407 30148 -16.913 30149 -16.491 30150
-105.94 30151 -18.6 30152 -17.235 30153 -16.37 30154 -71.522 30155 -43.909 30156 -14.79
30157 -13.972 30158 -50.449 30159 -13.298 30160 -12.414 30161 -52.115 30162 -44.053
30163 -10.733 30164 -12.943 30165 -36.633 30166 -42.236 30167 -10.627 30168 -10.178
30169 -60.589 30170 -63.126 30171 -11.992 30172 -12.349 30173 -39.344 30174 -63. 30175
0.26092 30176 0.84818 30177 -33.925 30178 0.88389 30179 0.84448 30180 -34.173 30181
-30.246 30182 2.7238 30183 1.2658 30184 -26.498 30185 0.56597 30186 1.9808 30187
-28.588 30188 -20.276 30189 2.297 30190 -101.04 30191 -36.185 30192 8.7073 30193 8.4577
30194 -31.976 30195 -3.4348 30196 8.0578 30197 13.817 30198 -23.705 30199 8.9472 30200
16.522 30201 -23.665 30202 6.7878 30203 10.012 30204 -6.1408 30205 7.4455 30206 7.4808
30207 -60.066 30208 -5.57 30209 -3.2705 30210 11.153 30211 17.106 30212 -6.8911 30213
1.0192 30214 20.828 30215 24.161 30216 -2.3321 30217 5.9603 30218 20.717 30219 26.83
30220 22.431 30221 -21.968 30222 25.231 30223 22.459 30224 46.915 30225 23.824 30226
24.44 30227 27.378 30228 17.904 30229 20.942 30230 11.461 30231 18.955 30232 17.958
30233 0.7525 30234 -12.948 30235 18.01 30236 17.752 30237 -1.8264 30238 16.899 30239
17.162 30240 -3.1271 30241 -1.943e-002 30242 20.555 30243 13.338 30244 25.224 30245
24.051 30246 28.936 30247 23.508 30248 24.451 30249 35.547 30250 21.682 30251 21.746
30252 12.081 30253 15.685 30254 15.305 30255 10.351 30256 19.454 30257 20.196 30258
26.187 30259 25.84 30260 26.519 30261 47.693 30262 8.2592 30263 31.448 30264 33.99
30265 54.249 30266 32.497 30267 37.496 30268 52.295 30269 38.1 30270 35.903 30271
52.628 30272 43.973 30273 30.492 30274 27.205 30275 61.204 30276 31.337 30277 24.587
30278 28.35 30279 27.278 30280 21.973 30281 19.983 30282 20.367 30283 22.649 30284
14.763 30285 13.559 30286 15.943 30287 19.953 30288 25.132 30289 42.312 30290 24.401
30291 13.589 30292 22.209 30293 25.624 30294 24.376 30295 31.981 30296 -64.075 30297
5.9455 30298 16.862 30299 23.067 30300 2.8846 30301 0.31972 30302 18.358 30303 26.924
30304 5.3671 30305 21.261 30306 19.721 30307 0.41552 30308 21.376 30309 31.616 30310
0.70122 30311 20.782 30312 31.769 30313 19.157 30314 -25.92 30315 26.86 30316 27.984
30317 86.809 30318 35.122 30319 22.158 30320 19.731 30321 -13.958 30322 54.375 30323
17.036 30324 25.658 30325 -6.7352 30326 5.3608 30327 9.8908 30328 10.991 30329 -9.5772
30330 -0.62891 30331 -35.643 30332 8.1439 30333 8.5482 30334 -12.296 30335 -10.456
30336 5.2424 30337 8.7996 30338 -19.564 30339 4.6498 30340 4.7101 30341 10.096 30342
-5.7496 30343 3.8295 30344 3.4061 30345 -28.245 30346 -6.099 30347 1.9112 30348 0.98494
30349 -99.39 30350 0.15351 30351 1.0952 30352 0.30038 30353 0.64582 30354 -38.973
30355 -23.936 30356 -8.0746e-002 30357 -8.2834e-002 30358 -39.769 30359 -185.15 30360
-153.77 30361 -132.01 30362 -190.54 30363 -161.45 30364 -144.49 30365 -174.86 30366
-163.8 30367 -194.96 30368 -183.03 30369 -192.8 30370 -170.3 30371 -152.31 30372 -165.2
30373 -144.76 30374 -144.89 30375 -136.12 30376 -171.73 30377 -167.85 30378 -174.77
30379 -133.25 30380 -129.37 30381 -119.18 30382 -100.52 30383 388.73 30384 349.41 30385
192.14 30386 201.05 30387 288.88 30388 211.23 30389 333.5 30390 287.27 30391 271.78
30392 -500.88 30393 -463.59 30394 -267.59 30395 -274.01 30396 -361.45 30397 -284.59
30398 -397.88 30399 457.5 30400 488.32 30401 386.27 30402 324.96 30403 378.36 30404
452.29 30405 406. 30406 412.43 30407 413.94 30408 390.09 30409 277.87 30410 343.85
30411 307.3 30412 -481.43 30413 -480.32 30414 -466.29 30415 -384.57 30416 -398.02 30417
-282.38 30418 -414.6 30419 -294.27 30420 -387.73 30421 -436.95 30422 -479.17 30423
-377.68 30424 -355.47 30425 -260.1 30426 -348.81 30427 436.58 30428 448.77 30429 412.96
30430 446.58 30431 360.31 30432 434.56 30433 327.13 30434 -436.68 30435 -430.12 30436
-418.47 30437 -405.66 30438 -322.14 30439 -425.88 30440 -348.4 30441 -239.67 30442
-294.45 30443 -235.18 30444 -212.97 30445 -140.99 30446 -385.89 30447 -387.41 30448
-388.69 30449 -284.4 30450 -398.14 30451 -219.47 30452 -32.433 30453 -204.4 30454
-89.619 30455 -170.85 30456 -148.02 30457 -58.245 30458 -83.696 30459 -127.83 30460
75.921 30461 162.96 30462 108.45 30463 61.636 30464 35.701 30465 117.35 30466 83.363

30467 -373.74 30468 -328.37 30469 -351.61 30470 -331.81 30471 -351.06 30472 -389.34
30473 -223.74 30474 -256.17 30475 -259.19 30476 280.4 30477 351.04 30478 284.69 30479
309.63 30480 326.57 30481 98.808 30482 316.11 30483 492.6 30484 469.64 30485 431.16
30486 436.09 30487 446.31 30488 464.75 30489 476.97 30490 322.74 30491 -456.35 30492
-459.58 30493 -445.56 30494 -435.84 30495 -438.41 30496 -335.56 30497 -415.19 30498
-475.55 30499 -450.05 30500 -257.16 30501 -334.51 30502 -283.01 30503 -251.79 30504
-301.05 30505 -314.81 30506 -57.496 30507 -162.07 30508 -93.643 30509 -117.44 30510
-156.7 30511 91.922 30512 -14.466 30513 51.724 30514 57.615 30515 41.985 30516 112.57
30517 246.65 30518 176.8 30519 233.45 30520 164.95 30521 197.45 30522 212.11 30523
256.11 30524 271.92 30525 349.48 30526 288.67 30527 332.98 30528 258.93 30529 327.13
30530 342.18 30531 364.5 30532 381.89 30533 388.32 30534 380.59 30535 391.82 30536
389.8 30537 412.11 30538 408.63 30539 433.14 30540 -389.36 30541 -416.06 30542 -392.45
30543 -314.07 30544 -355.9 30545 -395.41 30546 -423.18 30547 -403.92 30548 465.71 30549
449.77 30550 411.26 30551 400.76 30552 444.88 30553 358.62 30554 363.66 30555 355.74
30556 325.43 30557 423.45 30558 419.4 30559 445.05 30560 334.63 30561 420.91 30562
314.28 30563 337.62 30564 -429.63 30565 -409.9 30566 -326.62 30567 -440.37 30568 -397.09
30569 -313.56 30570 -297.75 30571 -30.118 30572 12.783 30573 -88.52 30574 1.256 30575
15.49 30576 -24.195 30577 34.51 30578 146.63 30579 205.45 30580 247.32 30581 185.44
30582 155.54 30583 480.6 30584 431.59 30585 394.48 30586 291.54 30587 333.7 30588
-419.38 30589 -411.42 30590 -397.25 30591 -410.8 30592 -432.43 30593 -441.89 30594
-451.95 30595 -456.87 30596 -263.21 30597 -385.48 30598 -420.66 30599 -423.22 30600
-440.18 30601 -251.44 30602 -293.06 30603 -320.31 30604 -283.32 30605 -260.49 30606
-339.56 30607 -244.67 30608 -222.56 30609 -240.3 30610 426.51 30611 347.2 30612 301.03
30613 317.97 30614 307.5 30615 338.49 30616 431.27 30617 449.14 30618 464.3 30619
472.81 30620 170.91 30621 422.56 30622 426.15 30623 431.11 30624 415.65 30625 459.77
30626 317.77 30627 -429.01 30628 -319.01 30629 -340.89 30630 -400.14 30631 -360.73
30632 -377.32 30633 -433.51 30634 -213.31 30635 -119.04 30636 -165.92 30637 -142.84
30638 -182.1 30639 -193.95 30640 -245.11 30641 -290.66 30642 -345.24 30643 -311.69 30644
-308.69 30645 -356.72 30646 -322.46 30647 121.97 30648 218.81 30649 178.61 30650 127.86
30651 183.03 30652 182.82 30653 241.48 30654 373.11 30655 306.15 30656 393.42 30657
350.77 30658 383.59 30659 392.6 30660 387.09 30661 421.26 30662 409.25 30663 434.27
30664 383.04 30665 405.19 30666 430.22 30667 399.85 30668 381.05 30669 424.36 30670
357.2 30671 -403.34 30672 -407.84 30673 -410.74 30674 -386.12 30675 -427.96 30676
-333.27 30677 -346.71 30678 -419.48 30679 -396.19 30680 -391.07 30681 -422.16 30682
-378.88 30683 -437.14 30684 -399.1 30685 -44.403 30686 -168.53 30687 -63.781 30688
-141.94 30689 -145.71 30690 -145.4 30691 150.93 30692 45.31 30693 107.78 30694 74.305
30695 97.612 30696 130.93 30697 101.03 30698 -343.54 30699 -376.9 30700 -365.24 30701
-401.08 30702 -418.04 30703 -286.76 30704 -345.44 30705 -310.1 30706 -343. 30707 -323.96
30708 -381.28 30709 -369.54 30710 234.68 30711 166.59 30712 251.62 30713 189.74 30714
233.63 30715 369.83 30716 305.79 30717 317.48 30718 348.61 30719 322.73 30720 393.5
30721 365.74 30722 343.25 30723 392.63 30724 366.48 30725 385.81 30726 402.86 30727
411.37 30728 433.52 30729 427.44 30730 392.05 30731 390.74 30732 426.22 30733 438.44
30734 414.2 30735 439.23 30736 -371.94 30737 -398.12 30738 -393.01 30739 -381.35 30740
-374.9 30741 -427.17 30742 -402.67 30743 -435.27 30744 -411.2 30745 -191.77 30746
-260.19 30747 -217.87 30748 -219.8 30749 -280.78 30750 -270.96 30751 15.577 30752
-97.494 30753 -45.435 30754 2.9378 30755 21.468 30756 -74.41 30757 138.41 30758 102.61
30759 69.128 30760 92.435 30761 87.658 30762 142.83 30763 319.77 30764 235.26 30765
279.23 30766 310.36 30767 327.49 30768 277.51 30769 298.13 30770 313.93 30771 359.37
30772 375.31 30773 354.67 30774 374. 30775 358.24 30776 403.68 30777 395.61 30778
416.63 30779 -314.77 30780 -357.73 30781 -322.39 30782 -381.83 30783 -335.36 30784
-379.05 30785 -359.8 30786 -387.58 30787 -325.54 30788 -20.88 30789 27.493 30790 54.216
30791 20.225 30792 -273.11 30793 -223.17 30794 -226.94 30795 -306.01 30796 -286.97
30797 -226.63 30798 191.53 30799 271.31 30800 276.56 30801 258.57 30802 319.57 30803
-395.57 30804 -441.64 30805 -403.6 30806 -437.83 30807 -420.82 30808 -412.33 30809
-92.317 30810 -170.47 30811 -122.67 30812 -121.29 30813 -173.93 30814 -172.41 30815
-288.84 30816 -238.9 30817 -301.81 30818 -291.99 30819 159.25 30820 239.02 30821 199.47
30822 237.31 30823 257.92 30824 385.23 30825 433.72 30826 427.85 30827 -118.42 30828

8.1153 30829 -70.614 30830 -121.87 30831 203.22 30832 89.967 30833 113.27 30834 146.59
30835 190.48 30836 163.67 30837 201.5 30838 -378.8 30839 -431.6 30840 -436.53 30841
-424.62 30842 -432.71 30843 -331.8 30844 -402.98 30845 -419.94 30846 -391.24 30847
-412.96 30848 -397. 30849 -246.51 30850 -310.31 30851 -355.9 30852 -309.42 30853 -260.37
30854 -200.03 30855 -198.51 30856 -259.48 30857 314.13 30858 270.26 30859 331.26 30860
281.28 30861 364.59 30862 390.15 30863 362.39 30864 406.22 30865 394.27 30866 431.62
30867 425.55 30868 432.41 30869 413.6 30870 426.54 30871 79.795 30872 -69.61 30873
-77.792 30874 -166.92 30875 -140.14 30876 -60.649 30877 -101.39 30878 -56.735 30879
-70.449 30880 -57.953 30881 -81.775 30882 -81.351 30883 -116.3 30884 -112.61 30885
-128.04 30886 -75.866 30887 -123.55 30888 -93.431 30889 -156.42 30890 -104.89 30891
-102.77 30892 -108.78 30893 -170.98 30894 -152.72 30895 -168.01 30896 -107.16 30897
-119.44 30898 -112.83 30899 -87.215 30900 0.33764 30901 -15.245 30902 -2.6657 30903
-13.415 30904 -29.05 30905 114.82 30906 35.135 30907 87.225 30908 52.792 30909 71.523
30910 22.82 30911 2.4144 30912 -21.606 30913 -8.1632 30914 -17.581 30915 -15.2 30916
66.004 30917 12.727 30918 8.5296 30919 -12.36 30920 -9.5882 30921 -0.22593 30922
-8.4992e-002 30923 -2.6714 30924 -13.838 30925 -13.595 30926 -29.919 30927 0.26057
30928 -10.906 30929 36.739 30930 50.916 30931 -25.764 30932 -12.199 30933 -15.953 30934
4.1169 30935 2.432 30936 -33.76 30937 -36.727 30938 -21.225 30939 -17.107 30940 -24.619
30941 -3.609 30942 -15.239 30943 4.9111 30944 -9.2697 30945 -14.675 30946 -6.4212 30947
8.8865 30948 -15.678 30949 -10.869 30950 -35.294 30951 -17.221 30952 -14.59 30953 15.824
30954 -12.806 30955 -41.711 30956 3.2617 30957 -11.872 30958 -13.679 30959 -8.1872
30960 -16.911 30961 -13.576 30962 -16.929 30963 -72.776 30964 -91.981 30965 -13.106
30966 -71.62 30967 -11.62 30968 -15.187 30969 -16.3 30970 -69.104 30971 -6.6805 30972
-6.2686 30973 -45.073 30974 -21.049 30975 -12.234 30976 -13.3 30977 -15.14 30978 -11.744
30979 -14.543 30980 -50.178 30981 -15.788 30982 -16.949 30983 -62.333 30984 -16.418
30985 -17.474 30986 -55.778 30987 -11.572 30988 -65.055 30989 -46.44 30990 -12.644 30991
-14.308 30992 -45.776 30993 -16.883 30994 -18.822 30995 -16.627 30996 -17.824 30997
-60.059 30998 -17.259 30999 -15.197 31000 -60.703 31001 -60.812 31002 -14.946 31003
-15.256 31004 -66.802 31005 -16.814 31006 -19.359 31007 -67.743 31008 -35.062 31009
-85.515 31010 -23.205 31011 -28.009 31012 -158.87 31013 -137.59 31014 -19.425 31015
-157.52 31016 -20.141 31017 -21.583 31018 -98.271 31019 -16.873 31020 -13.543 31021
-93.561 31022 -63.641 31023 -15.863 31024 -19.487 31025 -77.065 31026 -20.809 31027
-27.648 31028 -90.245 31029 -31.169 31030 -30.954 31031 -31.386 31032 -26.485 31033
-23.981 31034 -116.74 31035 -29.719 31036 -37.453 31037 -115.33 31038 -37.97 31039
-30.813 31040 -134.39 31041 -30.339 31042 -27.031 31043 -129.67 31044 -25.162 31045
-28.586 31046 -118.99 31047 -27.675 31048 -30.764 31049 -116.34 31050 -28.771 31051
-30.853 31052 -124.05 31053 -27.197 31054 -148.42 31055 -125.91 31056 -69.653 31057
-23.421 31058 -66.217 31059 -77.604 31060 -24.144 31061 -109.1 31062 -77.264 31063
-25.011 31064 -21.015 31065 -110.04 31066 -23.339 31067 -27.862 31068 -126.12 31069
-29.464 31070 -37.555 31071 -105.51 31072 -27.58 31073 -123.89 31074 -22.183 31075
-26.043 31076 -60.373 31077 -21.321 31078 -20.761 31079 -59.511 31080 -89.893 31081
-20.222 31082 -22.506 31083 -56.876 31084 -25.609 31085 -24.555 31086 -20.983 31087
-18.971 31088 -55.354 31089 -21.123 31090 -26.168 31091 -84.09 31092 -34.601 31093
-117.4 31094 -161.57 31095 -25.335 31096 -30.489 31097 -150.16 31098 -61.57 31099
-24.877 31100 -72.53 31101 -56.84 31102 -27.554 31103 -26.347 31104 -108.9 31105 -26.8
31106 -25.398 31107 -90.339 31108 -21.767 31109 -19.308 31110 -82.355 31111 -16.734 31112
-16.758 31113 -53.763 31114 -20.559 31115 -19.239 31116 -16.401 31117 -43.94 31118 -15.956
31119 -15.558 31120 -52.035 31121 -14.562 31122 -13.499 31123 -53.2 31124 -12.752 31125
-15.098 31126 -44.391 31127 -15.751 31128 -13.745 31129 -64.157 31130 -17.534 31131
-15.237 31132 -44.529 31133 -68.185 31134 -6.8537 31135 -41.627 31136 -5.9828 31137
-5.7387 31138 -40.756 31139 -36.83 31140 -5.5835 31141 -6.8469 31142 -34.611 31143
-8.9074 31144 -8.095 31145 -8.2294 31146 -7.827 31147 -5.626 31148 0.15063 31149 -17.519
31150 -8.127e-002 31151 2.5839 31152 -37.603 31153 3.4329 31154 0.30888 31155 1.5355
31156 -1.5669 31157 -14.618 31158 -1.48 31159 3.8553 31160 -12.231 31161 3.2733 31162
3.3992 31163 -20.724 31164 9.351 31165 -20.349 31166 -39.447 31167 0.69097 31168 3.564
31169 5.2787 31170 25.148 31171 -1.4653 31172 1.4729 31173 22.376 31174 -2.1424 31175
-0.39762 31176 -9.8783 31177 3.1466 31178 2.6563 31179 -14.549 31180 -28.25 31181 1.8263

31182 1.7356 31183 -17.843 31184 1.9253 31185 2.6354 31186 1.5492 31187 2.1647 31188
-7.0166 31189 5.3029 31190 6.388 31191 10.188 31192 5.3557 31193 5.1679 31194 16.451
31195 5.8592 31196 4.3621 31197 3.3092 31198 2.9949 31199 1.5592 31200 2.2371 31201
7.551 31202 2.9772 31203 3.8919 31204 24.151 31205 5.4011 31206 2.9441 31207 23.203
31208 10.672 31209 25.2 31210 8.7455 31211 25.471 31212 16.816 31213 3.261 31214 37.26
31215 14.618 31216 5.1779 31217 33.973 31218 4.106 31219 6.6191 31220 2.4634 31221
0.24186 31222 1.6859 31223 1.5836 31224 3.9676 31225 3.0698 31226 8.0826 31227 2.7351
31228 23.892 31229 1.9603 31230 3.3988 31231 6.8289 31232 14.449 31233 12.561 31234
9.2726 31235 -13.474 31236 8.2861 31237 9.6612 31238 -11.896 31239 10.641 31240 1.5128
31241 -1.3769 31242 7.5128 31243 -20.682 31244 -23.402 31245 12.331 31246 -0.2814 31247
-0.73445 31248 1.2675 31249 60.092 31250 -2.8213 31251 -12.127 31252 59.214 31253
-1.6037 31254 8.5389 31255 -23.854 31256 -35.293 31257 7.6331 31258 -1.0442 31259 -24.76
31260 -12.664 31261 -2.1995 31262 -1.9227 31263 -22.767 31264 -0.95049 31265 0.32885
31266 -19.954 31267 -4.9647 31268 -5.2921 31269 -0.37047 31270 -0.90163 31271 -7.2424
31272 -8.5864 31273 -10.433 31274 -11.886 31275 -11.47 31276 -10.188 31277 -9.503 31278
-34.085 31279 -9.0211 31280 -9.0883 31281 -48.707 31282 -14.289 31283 -69.582 31284
-71.752 31285 -45.422 31286 -47.881 31287 -44.886 31288 -48.709 31289 -51.497 31290
-61.591 31291 -50.681 31292 -42.877 31293 -56.726 31294 -11.287 31295 -13.549 31296
-31.296 31297 -31.571 31298 -45.892 31299 -60.069 31300 -62.584 31301 -66.764 31302
-60.413 31303 -67.073 31304 -66.457 31305 -75.721 31306 -33.843 31307 -75.036 31308
-86.671 31309 -77.41 31310 -155.09 31311 -96.563 31312 -74.418 31313 -63.314 31314
-89.899 31315 -120. 31316 -131.97 31317 -124.41 31318 -117.29 31319 -119.03 31320 -120.38
31321 -110.17 31322 -110.24 31323 -120. 31324 -102.3 31325 -142.53 31326 -27.24 31327
-27.375 31328 -66.221 31329 -69.234 31330 -60.994 31331 -58.339 31332 -93.678 31333
-56.503 31334 -83.087 31335 -162.42 31336 -88.133 31337 -35.797 31338 -150.58 31339
-123.48 31340 -76.802 31341 -109.29 31342 -92.761 31343 -84.52 31344 -88.873 31345
-56.043 31346 -70.687 31347 -51.217 31348 -44.255 31349 -63.708 31350 -66.245 31351
-41.04 31352 -36.869 31353 -36.069 31354 -37.249 31355 -46.309 31356 -17.768 31357
-29.179 31358 -14.496 31359 -14.771 31360 -6.8607 31361 -8.7236 31362 -14.645 31363
9.7782 31364 5.38 31365 -32.907 31366 -8.5857 31367 2.0884 31368 -6.8409 31369 -28.757
31370 -15.546 31371 -18.101 31372 -14.283 31373 9.0144 31374 -5.0523 31375 -2.0249
31376 8.2927 31377 -14.603 31378 25.745 31379 9.31 31380 4.0046 31381 4.3521 31382
4.2498 31383 -6.8748 31384 -3.9807 31385 -4.7044 31386 -7.2693 31387 -3.3293 31388
-20.223 31389 -19.333 31390 -13.162 31391 12.854 31392 61.216 31393 10.705 31394
-37.719 31395 30.613 31396 -16.138 31397 -12.719 31398 -47.734 31399 -21.391 31400
-19.55 31401 -10.83 31402 -48.776 31403 -33.739 31404 -108.9 31405 -82.859 31406 -122.09
31407 -130.81 31408 -117.3 31409 -230.33 31410 -209.23 31411 -170.22 31412 -241.4 31413
-180.41 31414 -182.02 31415 -151.03 31416 -140.77 31417 -130.46 31418 46.063 31419
-61.897 31420 -38.545 31421 -39.288 31422 -71.435 31423 -81.37 31424 150.09 31425
-19.714 31426 -9.0582 31427 19.765 31428 -41.205 31429 -41.217 31430 223.82 31431
54.081 31432 88.011 31433 93.56 31434 45.829 31435 -443.96 31436 -429.34 31437 -360.86
31438 -276.08 31439 -297.14 31440 -353.24 31441 -387.55 31442 -361.48 31443 -297.76
31444 -283.63 31445 -304.45 31446 -240.73 31447 -228.11 31448 -270.85 31449 -285.53
31450 -180.54 31451 -180.57 31452 -217.56 31453 -218.75 31454 -175.17 31455 -196.85
31456 -223.96 31457 -238.64 31458 -199.99 31459 -177.67 31460 -124.72 31461 -158.74
31462 -209.53 31463 185.6 31464 134.32 31465 16.271 31466 19.917 31467 -2.6369 31468
33.241 31469 -1.7123 31470 68.669 31471 -362.94 31472 -406.76 31473 -340.26 31474
-333.26 31475 -284.93 31476 -283.47 31477 -325.34 31478 -298.02 31479 -244.86 31480
-248.23 31481 -348.83 31482 -293.5 31483 -339.24 31484 -275.74 31485 87.945 31486 71.391
31487 106.82 31488 45.762 31489 64.239 31490 -263.03 31491 -242.5 31492 15.717 31493
-15.763 31494 -14.838 31495 28.103 31496 8.6485 31497 -568.01 31498 -573.71 31499
-591.15 31500 -505.55 31501 -521.98 31502 -331.12 31503 -369.78 31504 -371.09 31505
-497.17 31506 -423.9 31507 -425.29 31508 -407.61 31509 -434.71 31510 -414.43 31511
-472.45 31512 -742.98 31513 -608.64 31514 -651. 31515 -267.55 31516 -217.58 31517
-216.62 31518 -591.89 31519 -570.01 31520 -634.24 31521 -391.65 31522 -291.52 31523
-264.75 31524 -367.49 31525 -392.9 31526 -211.45 31527 -59.252 31528 -148.68 31529
44.479 31530 24.108 31531 2.0137 31532 42.726 31533 -87.411 31534 -184.48 31535 741.06

31536 889.29 31537 627.22 31538 626.94 31539 657.24 31540 324.43 31541 218.77 31542
181.55 31543 224.91 31544 88.616 31545 310.2 31546 358.44 31547 218.67 31548 -105.95
31549 -150.22 31550 464.73 31551 447.67 31552 413.41 31553 292.75 31554 308.36 31555
301.22 31556 206.18 31557 158.15 31558 146.29 31559 -72.675 31560 -47.309 31561 -99.72
31562 247.07 31563 192.95 31564 196.26 31565 148.23 31566 140.39 31567 141.58 31568
-118.63 31569 -95.131 31570 -125.54 31571 -109.87 31572 -322.02 31573 -204.17 31574
-190.34 31575 -145.52 31576 -220.17 31577 -385.2 31578 -259.7 31579 -201.05 31580
-226.51 31581 -221.27 31582 -98.587 31583 -43.536 31584 -129.42 31585 -132.78 31586
-151.72 31587 -131.2 31588 -138.08 31589 -91.612 31590 -386.62 31591 -378.14 31592
-227.13 31593 -273.57 31594 87.609 31595 75.975 31596 -14.728 31597 3.0336 31598
-36.838 31599 -61.42 31600 -179.5 31601 -182.71 31602 -141.86 31603 -174.5 31604 -96.575
31605 76.628 31606 65.406 31607 135.51 31608 35.323 31609 41.473 31610 42.524 31611
-28.391 31612 69.295 31613 16.891 31614 -37.913 31615 -70.555 31616 -51.573 31617
59.773 31618 101.94 31619 -399.42 31620 -405.18 31621 -260.01 31622 -222.36 31623
-218.71 31624 -240.3 31625 -474.79 31626 -298.79 31627 -288.32 31628 -320.75 31629
-309.91 31630 -423.7 31631 -297.73 31632 -294.09 31633 -313.2 31634 -329.53 31635
-207.35 31636 -240.87 31637 -223.9 31638 -258.81 31639 -256.34 31640 -188.47 31641
-231.05 31642 -260.69 31643 -260.55 31644 -228.92 31645 -271.96 31646 -248.37 31647
-296.18 31648 -222.35 31649 -168.45 31650 -153.82 31651 -136.16 31652 -133.93 31653
-222.14 31654 -193.32 31655 -245.3 31656 -80.969 31657 -79.513 31658 -108.48 31659
-90.118 31660 -196.97 31661 -167.77 31662 11.237 31663 -43.406 31664 -66.413 31665
-60.36 31666 -18.874 31667 -48.048 31668 -0.48041 31669 -0.50836 31670 -155.53 31671
-193.4 31672 -206.77 31673 -171.58 31674 -172.07 31675 -197.35 31676 -143.29 31677
-65.632 31678 -124.86 31679 -103.05 31680 -74.755 31681 -65.001 31682 -62.621 31683
-61.976 31684 -100.61 31685 -47.663 31686 -34.22 31687 -50.545 31688 -43.638 31689
-140.22 31690 -96.638 31691 -118.32 31692 -52.171 31693 -68.252 31694 -224.72 31695
-204.99 31696 -218.36 31697 -170.08 31698 -206.62 31699 -183.66 31700 -208.94 31701
-152.1 31702 -182.47 31703 -147.57 31704 -133.68 31705 -129.59 31706 -141.4 31707
-112.62 31708 -109.85 31709 -10.021 31710 -27.589 31711 -55.414 31712 -14.466 31713
-15.171 31714 -13.417 31715 -15.577 31716 -58.976 31717 -12.758 31718 -9.2874 31719
-36.975 31720 -44.941 31721 175.31 31722 303.03 31723 66.05 31724 109.92 31725 -123.57
31726 -115.14 31727 91.241 31728 -132.89 31729 -122.61 31730 -123.54 31731 -283.18
31732 -264.14 31733 -203.8 31734 -166.18 31735 -139.78 31736 -183.92 31737 -343.21
31738 -400.54 31739 -267.37 31740 -245.25 31741 -270.38 31742 -436.26 31743 -443.17
31744 -453.23 31745 -264.49 31746 -338.88 31747 -179.99 31748 -295.6 31749 -202.92
31750 -107.54 31751 -196.26 31752 -127.48 31753 -87.813 31754 -29.684 31755 -70.182
31756 -26.56 31757 -30.758 31758 -69.064 31759 -61.874 31760 -35.312 31761 -16.58 31762
-39.513 31763 -7.2407 31764 5.2221 31765 -0.21379 31766 0.89042 31767 -4.1169 31768
3.3131 31769 -10.033 31770 -17.07 31771 14.136 31772 64.617 31773 15.744 31774 19.673
31775 -3.1919 31776 12.666 31777 9.8046 31778 9.3876 31779 -1.3619 31780 -4.3422 31781
236.97 31782 410.76 31783 324.5 31784 329.54 31785 436.45 31786 426.53 31787 448.67
31788 231.62 31789 364.27 31790 275.51 31791 336.51 31792 283.03 31793 314.02 31794
98.326 31795 136.42 31796 180.31 31797 153.5 31798 191.33 31799 77.919 31800 148.72
31801 148.51 31802 100.38 31803 132.88 31804 100.12 31805 147.27 31806 138.88 31807
207.08 31808 154.82 31809 124.42 31810 238.07 31811 38.37 31812 11.809 31813 22.002
31814 -6.722 31815 8.5661 31816 -10.718 31817 2.7558 31818 -14.309 31819 -35.385 31820
-20.783 31821 -28.676 31822 -12.095 31823 -130.86 31824 -129.16 31825 -210.49 31826
-116.61 31827 -124.03 31828 -165.86 31829 103.67 31830 61.057 31831 148.88 31832 21.564
31833 -57.455 31834 -123.01 31835 -144.89 31836 -30.436 31837 213.62 31838 139.83 31839
-99.589 31840 -152.23 31841 -150.71 31842 -137.47 31843 -149.33 31844 170.97 31845
185.62 31846 -188.59 31847 -225.98 31848 -249.56 31849 -274. 31850 -239.74 31851 -381.49
31852 -263.83 31853 -369.75 31854 -323.28 31855 -455.78 31856 -427.08 31857 -308.66
31858 -462.68 31859 -409.35 31860 -467.61 31861 -250.46 31862 -117.22 31863 -166.93
31864 -62.404 31865 -108.91 31866 -98.101 31867 -151.12 31868 -82.345 31869 -59.087
31870 -11.561 31871 -31.87 31872 -15.464 31873 -57.968 31874 -33.793 31875 -28.417 31876
0.90164 31877 7.9454 31878 6.7451 31879 2.0058 31880 1.6991 31881 4.4285 31882 -9.1607
31883 -8.3248 31884 58.426 31885 194.82 31886 66.668 31887 62.355 31888 199.86 31889

55.347 31890 191.95 31891 161.64 31892 368.61 31893 467.1 31894 442.86 31895 457.19
31896 407.28 31897 451.11 31898 384.79 31899 318.52 31900 268.54 31901 203.68 31902
241.73 31903 262.35 31904 218.12 31905 262.13 31906 276.78 31907 292.59 31908 284.2
31909 299.25 31910 321.56 31911 268.85 31912 200.4 31913 287.68 31914 157.79 31915
53.597 31916 80.148 31917 140.7 31918 24.873 31919 27.036 31920 11.033 31921 15.354
31922 38.323 31923 23.874 31924 -8.2505 31925 -28.198 31926 -15.417 31927 -4.8404 31928
-19.974 31929 -49.275 31930 -151.31 31931 -81.711 31932 -57.168 31933 -74.452 31934
-40.587 31935 -216.87 31936 -274.62 31937 -276.12 31938 -309.49 31939 -233.41 31940
-272.91 31941 -300.68 31942 -201.97 31943 -262.94 31944 -444.04 31945 -477.67 31946
-465.76 31947 -424.33 31948 -282.54 31949 -386.29 31950 -266.73 31951 -149.3 31952
-72.369 31953 -106.59 31954 -98.466 31955 -138.92 31956 -91.276 31957 -80.47 31958
-24.843 31959 1.3092 31960 -6.6503 31961 -8.4374 31962 -1.0074 31963 -26.766 31964
-13.761 31965 8.353 31966 17.795 31967 8.9134 31968 6.4749 31969 3.6137 31970 3.307
31971 4.9558 31972 154.19 31973 356.6 31974 246.18 31975 287.39 31976 249.16 31977
455.09 31978 473.25 31979 480.11 31980 329.54 31981 423.35 31982 350.16 31983 411.4
31984 -261.42 31985 -251.6 31986 300.18 31987 -342.51 31988 -323.26 31989 -288.99 31990
-368.87 31991 -437.06 31992 -421.09 31993 -470.69 31994 -444.55 31995 -478.78 31996
-461.77 31997 -302.76 31998 -156.31 31999 -225.28 32000 -130.19 32001 -183.2 32002
-116.55 32003 -79.374 32004 -26.959 32005 -55.756 32006 -71.25 32007 -111.7 32008 -47.075
32009 -0.80686 32010 7.7131 32011 5.5266 32012 2.1067 32013 -20.922 32014 -7.9173
32015 17.156 32016 118.02 32017 16.99 32018 14.717 32019 11.549 32020 121.01 32021
13.963 32022 55.771 32023 13.198 32024 320.43 32025 455.87 32026 406.71 32027 323.41
32028 474.04 32029 455.23 32030 336.6 32031 382.04 32032 397.84 32033 389.76 32034
404.81 32035 401.33 32036 425.83 32037 332.89 32038 167.97 32039 290.24 32040 63.78
32041 25.547 32042 24.032 32043 34.418 32044 124.33 32045 8.5049 32046 48.516 32047
9.5439 32048 -1.9436 32049 3.3784 32050 2.7562 32051 18.064 32052 -6.5007 32053 -21.891
32054 -67.109 32055 -41.369 32056 -43.754 32057 -42.566 32058 -11.315 32059 -59.849
32060 -169.15 32061 -298. 32062 -258.59 32063 -161.89 32064 -275.18 32065 -382.02 32066
-414.61 32067 -355.75 32068 -397.6 32069 -389.11 32070 -346.84 32071 -374.62 32072
-312.57 32073 -466.88 32074 -442.82 32075 -423.72 32076 -329.03 32077 -182.57 32078
-89.977 32079 -107.94 32080 -145.92 32081 -87.476 32082 -73.843 32083 -37.563 32084
-2.4329 32085 -10.877 32086 -28.882 32087 6.087 32088 8.1083 32089 7.2339 32090 2.6671
32091 -0.5611 32092 -7.3569 32093 5.081 32094 108.97 32095 296.29 32096 160.22 32097
189.65 32098 212.99 32099 147.75 32100 462.09 32101 431.73 32102 475.03 32103 435.2
32104 456.22 32105 -442.38 32106 -390.53 32107 -418.32 32108 -450.91 32109 -457.96
32110 -449.48 32111 -399.06 32112 -337.02 32113 448.15 32114 444.67 32115 377.51 32116
212.6 32117 50.583 32118 100.38 32119 166.36 32120 72.651 32121 60.969 32122 67.631
32123 150.88 32124 12.349 32125 7.6993 32126 10.03 32127 2.2345 32128 22.736 32129
36.833 32130 22.385 32131 8.204 32132 -3.7881 32133 -28.588 32134 -11.049 32135 -31.74
32136 -4.4103 32137 1.4665 32138 -13.667 32139 -73.805 32140 -188.99 32141 -100.91
32142 -73.356 32143 -76.19 32144 -66.322 32145 -92.286 32146 -205.57 32147 -399.09
32148 -317.84 32149 -390.61 32150 -346.25 32151 -359.69 32152 -432.46 32153 -264.99
32154 -176.91 32155 -161.24 32156 -142.82 32157 -57.212 32158 -84.32 32159 -39.673
32160 -122.31 32161 -60.364 32162 -72.131 32163 -123.8 32164 -57.678 32165 -50.225
32166 2.7173 32167 -4.5434 32168 5.0475 32169 -2.7475 32170 -22.548 32171 -9.5433 32172
9.3885 32173 7.0687 32174 59.188 32175 6.4001 32176 3.4588 32177 26.436 32178 88.62
32179 4.9158 32180 46.724 32181 425.87 32182 358.72 32183 246.5 32184 275.93 32185
402.02 32186 222.65 32187 288.63 32188 8.5141 32189 60.634 32190 4.9042 32191 21.22
32192 27.882 32193 6.3612 32194 6.6886 32195 -5.7267 32196 3.8641 32197 -3.9309 32198
-26.418 32199 0.91167 32200 -20.962 32201 -23.732 32202 16.219 32203 -75.174 32204
-30.526 32205 -51.217 32206 -62.984 32207 -50.45 32208 -114.66 32209 -18.011 32210
-33.145 32211 -190.36 32212 -162.8 32213 -295.02 32214 -174.68 32215 -74.724 32216
-77.558 32217 -141.77 32218 -86.606 32219 -68.187 32220 -33.678 32221 -30.992 32222
-1.6007 32223 4.0414 32224 4.3688 32225 176.41 32226 77.682 32227 139.86 32228 -846.2
32229 -693.21 32230 -675.05 32231 -884.72 32232 -738.36 32233 -845.94 32234 -638.31
32235 -713.26 32236 -730.04 32237 -660.64 32238 -812.14 32239 -826.46 32240 -658.02
32241 -610.27 32242 -692.38 32243 -685.21 32244 -649.57 32245 -784.09 32246 -830.03

32247 -736.12 32248 -687.18 32249 -709.78 32250 -804.74 32251 -655.68 32252 -679.48
32253 -614.65 32254 -842.07 32255 -658.04 32256 -670.67 32257 -685.75 32258 -645.99
32259 -676.65 32260 -676.91 32261 -723.17 32262 -645.55 32263 -684.24 32264 -604.35
32265 -443.98 32266 -423.12 32267 -528.62 32268 -275.33 32269 -378.76 32270 -300.21
32271 -318.81 32272 -358.78 32273 -246.93 32274 -441.3 32275 -345.19 32276 -379.14
32277 -300.32 32278 -326.51 32279 -243.81 32280 -206.54 32281 -278.92 32282 -268.15
32283 -211.58 32284 -226.66 32285 -270.74 32286 -183.25 32287 -227.79 32288 -192.77
32289 -175.02 32290 -324.04 32291 -206.54 32292 -188.88 32293 -304.06 32294 -245.98
32295 -231.64 32296 -344.77 32297 -254.72 32298 -314.88 32299 -257.07 32300 -320.75
32301 -244.46 32302 -309.13 32303 -296.77 32304 -273.91 32305 -254.02 32306 -246.43
32307 -326.42 32308 -283.69 32309 -255.25 32310 -269.87 32311 -298.07 32312 -170.5 32313
-286.27 32314 -216.43 32315 -226.87 32316 -273.95 32317 -272.15 32318 -258.58 32319
-239.19 32320 -233.72 32321 -286.26 32322 -236.11 32323 -267.31 32324 -246.55 32325
-193.22 32326 -209.68 32327 -268.14 32328 -212.62 32329 -278.39 32330 -244.49 32331
-250.9 32332 -272.9 32333 279.73 32334 78.441 32335 171.52 32336 237.07 32337 -30.478
32338 -19.368 32339 194.27 32340 250.55 32341 186.51 32342 364.85 32343 266.79 32344
343.39 32345 606.84 32346 126.35 32347 359.52 32348 200.78 32349 278.05 32350 372.89
32351 326.73 32352 272.34 32353 342.46 32354 273.86 32355 232.04 32356 157.3 32357
178.26 32358 236.18 32359 126.19 32360 340.55 32361 259.29 32362 276.12 32363 187.1
32364 298.28 32365 312.66 32366 349.37 32367 299.99 32368 357.88 32369 309.14 32370
249.27 32371 238.9 32372 355.84 32373 235.5 32374 284.18 32375 206.56 32376 -213.1
32377 -198.13 32378 -206.68 32379 -204.82 32380 -197.95 32381 -219.46 32382 -220.94
32383 -222.42 32384 -240.34 32385 -228.87 32386 -188.16 32387 -240.16 32388 -261.66
32389 -263.14 32390 -192.95 32391 -235.23 32392 -230.54 32393 -211.84 32394 -237.33
32395 -238.34 32396 -242.71 32397 -177.4 32398 -262.27 32399 -251.32 32400 -225.43
32401 -75.284 32402 -184.62 32403 -228.96 32404 -218.56 32405 -203.91 32406 -185.94
32407 -172.67 32408 -244.11 32409 -238.04 32410 -220.9 32411 -241.67 32412 -247.05 32413
-266.61 32414 -249.28 32415 -201.87 32416 -200.87 32417 -177.33 32418 -168.24 32419
-225.8 32420 -392.73 32421 -232.24 32422 -242. 32423 -218.2 32424 -222.88 32425 -241.08
32426 -234.6 32427 -236.67 32428 -234.66 32429 -240.94 32430 -257.54 32431 -244.08
32432 -167.51 32433 -220.76 32434 -237.6 32435 -213.9 32436 -205.25 32437 -221.91 32438
-248.17 32439 -239.33 32440 -240.61 32441 -187.74 32442 -255.25 32443 -230.53 32444
-258.42 32445 -155.22 32446 -248.36 32447 -258.21 32448 -213.27 32449 -227.69 32450
-175.77 32451 -233.07 32452 -246.38 32453 -100.14 32454 -168.29 32455 -235.3 32456
-209.26 32457 -223.97 32458 -166.61 32459 -91.594 32460 -115.17 32461 -141.55 32462
-236.95 32463 -211.06 32464 -160.6 32465 -225.11 32466 -222.63 32467 -199.95 32468
-232.04 32469 -166.39 32470 -155.48 32471 -245.44 32472 -193.28 32473 -208.73 32474
-243.22 32475 -249.11 32476 -240.17 32477 -267.31 32478 -260.83 32479 -178.31 32480
-163.28 32481 -212.86 32482 -211.14 32483 -235.81 32484 -216.28 32485 -212.27 32486
-231.93 32487 -260.74 32488 -223.12 32489 -220.13 32490 -230.55 32491 -224.53 32492
-199.32 32493 -225.43 32494 -239.19 32495 -216.98 32496 -290.54 32497 -270.76 32498
-217.49 32499 -216.49 32500 -258.88 32501 -232.81 32502 -260.41 32503 -244.95 32504
-257.61 32505 -184.59 32506 -226.31 32507 -231.73 32508 -255.27 32509 -245.22 32510
-178.4 32511 -217.29 32512 -247.18 32513 -226.61 32514 -248.74 32515 -203.4 32516
-189.06 32517 -186.38 32518 -222.08 32519 -332.33 32520 -163.84 32521 -255.07 32522
-385.22 32523 -224.27 32524 -190.61 32525 -197.42 32526 -227.85 32527 -281.45 32528
-186.61 32529 -394.83 32530 -411.62 32531 -387.16 32532 -182.13 32533 -212.81 32534
-226.2 32535 -252.73 32536 -215.15 32537 -222.68 32538 -229.42 32539 -265.35 32540
-235.81 32541 -209.41 32542 -200.43 32543 -202.2 32544 -244.68 32545 -232.52 32546
-245.91 32547 -249.47 32548 -273.4 32549 -90.243 32550 -104.23 32551 -120.11 32552
-112.88 32553 -256.07 32554 -225.31 32555 -243.5 32556 -153.47 32557 -175.72 32558
-194.93 32559 -220.15 32560 -202.18 32561 -220.38 32562 -250.51 32563 -228. 32564
-259.74 32565 -156.47 32566 -175.93 32567 -198.2 32568 -149.22 32569 -119.24 32570
-191.49 32571 -173.38 32572 -232.94 32573 -206.87 32574 -226.74 32575 -231.67 32576
-160.53 32577 -153.38 32578 -227.35 32579 -337.6 32580 -145.09 32581 -161.55 32582
-180.43 32583 -177.36 32584 -167.26 32585 -230.28 32586 -93.88 32587 -112.47 32588
-109.36 32589 -100.74 32590 -177.04 32591 -167.45 32592 -234.74 32593 -179.29 32594

-230.95 32595 -189.81 32596 -172.18 32597 -203.55 32598 -11.551 32599 -230.08 32600
-99.597 32601 -102.16 32602 -160.29 32603 -159.28 32604 -207.3 32605 -243.23 32606
-114.34 32607 -106.26 32608 -187.29 32609 -177.8 32610 -194.57 32611 -173.47 32612 -237.4
32613 -227.83 32614 -157.26 32615 -220.7 32616 -200.1 32617 -250.97 32618 -158.58 32619
-161.73 32620 -210.45 32621 -236.71 32622 -162.97 32623 -166.51 32624 -185.88 32625
-231.88 32626 -253.39 32627 -157.28 32628 -153.36 32629 -174.72 32630 -100.48 32631
-98.418 32632 -134.12 32633 -193.63 32634 -201.8 32635 -184.14 32636 -228.06 32637
-149.63 32638 -212.6 32639 -124.91 32640 -130.52 32641 -156.49 32642 -274.41 32643
-105.24 32644 -102.24 32645 -237.56 32646 -187.1 32647 -248.18 32648 -199.61 32649
-160.91 32650 -193.74 32651 -187.53 32652 -235.86 32653 -200.32 32654 -157.09 32655
-245.7 32656 -168.47 32657 -140.18 32658 -85.682 32659 -136.57 32660 -182.79 32661
-220.28 32662 -215.24 32663 -165.07 32664 -139.05 32665 -83.986 32666 -102.57 32667
-100.11 32668 -192.9 32669 -113.81 32670 -259.6 32671 -126.89 32672 -109.38 32673 -135.96
32674 -27.053 32675 -121.98 32676 -115.1 32677 -167.49 32678 -131.99 32679 -157.09 32680
-365.82 32681 -244.04 32682 -145.23 32683 -208.75 32684 -94.426 32685 -92.585 32686
-120.49 32687 -164.13 32688 -148.37 32689 -142.02 32690 -226.56 32691 -234.53 32692
-142.13 32693 -173.01 32694 -102.62 32695 -77.112 32696 -72.543 32697 -125.81 32698
-168.09 32699 -185.88 32700 -192.62 32701 -85.637 32702 -172.61 32703 -172.5 32704
-202.94 32705 -180.4 32706 -210.29 32707 -66.684 32708 -80.751 32709 -157.37 32710
-199.85 32711 -119.71 32712 -111.85 32713 -107.47 32714 -183.15 32715 -169.37 32716
-188.03 32717 -201.42 32718 -227.95 32719 -93.872 32720 -100.04 32721 -149.84 32722
-185.53 32723 -105.37 32724 -135.76 32725 -128.82 32726 -138.62 32727 -165.97 32728
-208.37 32729 -137.32 32730 -109.71 32731 -207.1 32732 -199.59 32733 -205.01 32734
-228.55 32735 -134.74 32736 -106.2 32737 -126.05 32738 -244.72 32739 -166.29 32740
-145.17 32741 -170.98 32742 -168.82 32743 -175.31 32744 -215.23 32745 -49.188 32746
-68.996 32747 -190.78 32748 -185.91 32749 -208.16 32750 -259.47 32751 -226.13 32752
-228.67 32753 -177.04 32754 -135.68 32755 -146.9 32756 -220.76 32757 -168.6 32758
-219.63 32759 -232.76 32760 -141.54 32761 -202.55 32762 -191.74 32763 -211.4 32764
-215.64 32765 -197.1 32766 -174.64 32767 -74.58 32768 -71.366 32769 -110.69 32770
-206.09 32771 -160.76 32772 -246.52 32773 -154.62 32774 -220.09 32775 -130.59 32776
-219.39 32777 -245.92 32778 -79.871 32779 -111.84 32780 -223.8 32781 -205.49 32782
-148.16 32783 -167.09 32784 -225.99 32785 -221.86 32786 -245.4 32787 -142.13 32788
-151.59 32789 -175.84 32790 -235.35 32791 -221.29 32792 -209.13 32793 -133.29 32794
-115.19 32795 -148.67 32796 -130.05 32797 -222.52 32798 -190.81 32799 -233.9 32800
-240.29 32801 -149.06 32802 -126.92 32803 -213.89 32804 -239.79 32805 -198.55 32806
-203.9 32807 -211.06 32808 -243.42 32809 -113.47 32810 -92.521 32811 -99.816 32812
-199.65 32813 -225.54 32814 -137.58 32815 -154.49 32816 -135.42 32817 -211.6 32818
-224.26 32819 -155.49 32820 -276.57 32821 -220.63 32822 -323.83 32823 -228.98 32824
-266.44 32825 -252.75 32826 -136.91 32827 -129.71 32828 -143.77 32829 -10.962 32830
-229.54 32831 -254.21 32832 -251.61 32833 -247.08 32834 -233.29 32835 -259.31 32836
-369.75 32837 -209.72 32838 -202.79 32839 -212.58 32840 -261.69 32841 -241.86 32842
-266.66 32843 -237.33 32844 -250.82 32845 -148.32 32846 -89.156 32847 -62.761 32848
-80.564 32849 -53.531 32850 -49.122 32851 -60.409 32852 -134.75 32853 -141.25 32854
-13.479 32855 -12.434 32856 -31.614 32857 -22.384 32858 -15.614 32859 -9.2883 32860
-17.975 32861 -5.39 32862 -29.262 32863 -13.37 32864 -11.05 32865 -7.6395 32866 -73.986
32867 -85.156 32868 -67.445 32869 -71.634 32870 -145.97 32871 -99.628 32872 -155.27
32873 -20.225 32874 -3.9616 32875 -7.2398 32876 -8.8918 32877 -13.325 32878 -5.4808
32879 -12.411 32880 -2.187 32881 -10.167 32882 -8.8823 32883 -38.361 32884 -41.05 32885
-31.591 32886 -33.951 32887 -45.239 32888 -56.164 32889 -51.754 32890 2.1539 32891
-42.609 32892 -122.87 32893 -45.48 32894 -143.88 32895 -52.22 32896 -60.581 32897
-84.322 32898 -84.403 32899 -140.04 32900 -24.721 32901 -17.797 32902 -18.447 32903
-25.05 32904 -38.698 32905 -41.652 32906 -24.539 32907 -42.87 32908 -30.15 32909 -66.692
32910 -29.239 32911 -13.347 32912 -20.691 32913 -16.522 32914 -481.3 32915 -427.31 32916
-389.75 32917 -391.67 32918 -243.74 32919 -261.87 32920 -232.34 32921 -213.08 32922
-469.84 32923 -520.8 32924 -454.25 32925 -418.62 32926 -520.84 32927 -273.62 32928
-270.69 32929 -314.07 32930 -324.12 32931 -255.62 32932 -512.61 32933 -652.03 32934
-609.82 32935 -347.17 32936 -271.59 32937 -396.24 32938 -317.64 32939 -438.57 32940

-293.58 32941 -270.21 32942 -286.39 32943 -275.58 32944 -297.88 32945 -591.75 32946
-384.98 32947 -395.03 32948 -469.22 32949 -386.48 32950 -480.43 32951 -444.47 32952
-422.98 32953 -555.82 32954 -525.21 32955 -275.05 32956 -293.18 32957 -328.48 32958
-412.04 32959 -342.25 32960 -385.43 32961 -237.77 32962 -226.09 32963 -206.84 32964
-161.31 32965 -695.25 32966 -357.02 32967 -508.46 32968 -511.98 32969 -481.67 32970
-242.35 32971 -239.42 32972 -218.98 32973 -208.76 32974 -622.42 32975 -377.11 32976
-509.25 32977 -419.38 32978 -466.24 32979 -439.46 32980 -395.08 32981 -478.64 32982
-469.27 32983 -470.2 32984 -63.649 32985 -97.685 32986 -87.051 32987 -138.39 32988
-109.41 32989 -221.95 32990 -60.946 32991 -87.495 32992 -213.52 32993 -36.256 32994
-21.665 32995 -33.268 32996 -51.554 32997 -49.936 32998 -24.72 32999 -20.552 33000
-28.209 33001 -64.16 33002 -72.264 33003 -74.823 33004 -46.16 33005 -40.816 33006
-72.709 33007 -128.66 33008 -109.06 33009 -241.2 33010 -151.33 33011 -91.92 33012
-31.284 33013 -34.238 33014 -47.951 33015 -17.126 33016 -22.736 33017 120.54 33018
76.459 33019 50.305 33020 1.0756 33021 48.081 33022 31.736 33023 62.561 33024 45.895
33025 51.858 33026 12.064 33027 65.972 33028 23.48 33029 94.923 33030 18.338 33031
24.48 33032 67.427 33033 22.664 33034 19.793 33035 94.531 33036 141.85 33037 77.205
33038 176.29 33039 39.383 33040 58.637 33041 104.17 33042 33.121 33043 30.897 33044
102.34 33045 -102.64 33046 -9.2979 33047 -39.008 33048 16.398 33049 -63.447 33050
-123.14 33051 -126.32 33052 45.349 33053 -129.64 33054 -77.504 33055 58.284 33056
-21.499 33057 -6.3621 33058 -111.77 33059 -83.734 33060 -73.719 33061 62.858 33062
-44.184 33063 -41.352 33064 -141.55 33065 -131.53 33066 -153.29 33067 -55.952 33068
-102. 33069 71.613 33070 170.7 33071 140.83 33072 33.792 33073 -111.37 33074 -171.07
33075 -158.95 33076 -174.24 33077 -179.96 33078 61.809 33079 -63.213 33080 88.912 33081
-84.23 33082 -8.17 33083 -47.746 33084 -113.58 33085 -110.62 33086 61.05 33087 -43.16
33088 -194.45 33089 -194.81 33090 -195.87 33091 -193.69 33092 -197.17 33093 -196.41
33094 -193.66 33095 -203.78 33096 -209.03 33097 -198.07 33098 -201.34 33099 -192.43
33100 -191.45 33101 -188.7 33102 -193.11 33103 -187.47 33104 -177.74 33105 -165.11 33106
-180.06 33107 -189.09 33108 -191.81 33109 -196.75 33110 -181.54 33111 -173.16 33112
-184.58 33113 -170.5 33114 -170.64 33115 -193.62 33116 -188.22 33117 -190.12 33118
-189.84 33119 -191.43 33120 -200.24 33121 -205.49 33122 -183.22 33123 -191.44 33124
-187.66 33125 -195.62 33126 -177.49 33127 -183.45 33128 -181.88 33129 -200.5 33130
-193.24 33131 -180.91 33132 -191.14 33133 -191.14 33134 -206.79 33135 -201.14 33136
-199.1 33137 -193.34 33138 -198.35 33139 -189.44 33140 -174.77 33141 -167.08 33142
-186.01 33143 -187.32 33144 -192.43 33145 -154.9 33146 -196.13 33147 -179.11 33148
-194.34 33149 -198.03 33150 -192.32 33151 -187.36 33152 -197.35 33153 -195.32 33154
-181.58 33155 -200.19 33156 -189.55 33157 -203.01 33158 -180.74 33159 -161.75 33160
-189.55 33161 -243.97 33162 -255.61 33163 -243.66 33164 -256.08 33165 -276.31 33166
-276.31 33167 -262.98 33168 -232.48 33169 -230.35 33170 -235.32 33171 -223.74 33172
-245.52 33173 -232.09 33174 -261.08 33175 -232.47 33176 -244.73 33177 -220.84 33178
-221.26 33179 -198.94 33180 -218.83 33181 -240.73 33182 -230.8 33183 -150.47 33184
-28.426 33185 -139. 33186 27.677 33187 -154.89 33188 -92.308 33189 -144.82 33190 -107.25
33191 -132.88 33192 -224.18 33193 -233.02 33194 -209.62 33195 -195.2 33196 -218.62
33197 -205.68 33198 -199.23 33199 -154.21 33200 -193.75 33201 -179.69 33202 -193.44
33203 -196.8 33204 -202.17 33205 -196.15 33206 -219.87 33207 -249.78 33208 -222.4 33209
-240.86 33210 -236.31 33211 -165.83 33212 -215.94 33213 -180.92 33214 -407.55 33215
-324.93 33216 -373.03 33217 -330.79 33218 -353.64 33219 -323.51 33220 -304.72 33221
-301.19 33222 -292.8 33223 -411.46 33224 -314.83 33225 -302.56 33226 -486.4 33227
-503.19 33228 -433.79 33229 -478.73 33230 -407.04 33231 -204.91 33232 -196.71 33233
-203.59 33234 -203.97 33235 -187.88 33236 -164.2 33237 -180.08 33238 -184.69 33239
-187.25 33240 -149.82 33241 -171.31 33242 -171.32 33243 -230.01 33244 -215.45 33245
-242.43 33246 -218.83 33247 -231.65 33248 -224.49 33249 -216.8 33250 -221.68 33251
-214.42 33252 -349.2 33253 -413.46 33254 -320.97 33255 -333.74 33256 -320.96 33257
-442.45 33258 -314.63 33259 -318.04 33260 -354.75 33261 -307.63 33262 -298.73 33263
-401.41 33264 -139.29 33265 -94.394 33266 -180.38 33267 -116.34 33268 -109.14 33269
-123.21 33270 9.6027 33271 -254.31 33272 -208.97 33273 -68.024 33274 -255.04 33275
-241.65 33276 -234.69 33277 -206.25 33278 -287.07 33279 -274.3 33280 -260.97 33281
-252.06 33282 -228.34 33283 -236.08 33284 -204.69 33285 -230.52 33286 -233.31 33287

-239.41 33288 -220.87 33289 -184. 33290 -62.013 33291 -169.58 33292 -187.38 33293
-45.371 33294 -171.83 33295 -170.14 33296 -161.77 33297 -160.07 33298 -124.19 33299
-159.15 33300 -138.84 33301 -243.9 33302 -225.6 33303 -249.75 33304 -227.55 33305
-223.01 33306 -220.16 33307 -186.97 33308 -158.09 33309 -223.55 33310 -232.8 33311
-202.63 33312 -167.61 33313 -213.62 33314 -149.86 33315 -265.68 33316 -252.33 33317
-269.06 33318 -237.08 33319 -241.55 33320 -225.44 33321 -229.14 33322 -234.39 33323
-223.43 33324 -249.4 33325 -218.76 33326 -224.58 33327 -177.17 33328 -269.2 33329
-208.87 33330 -182.76 33331 -208.24 33332 -162.19 33333 -199.71 33334 -192.3 33335
-202.23 33336 -181.5 33337 -1.4983 33338 -109.07 33339 -38.085 33340 -119.55 33341
-23.45 33342 -103.74 33343 -85.745 33344 -30.875 33345 -98.633 33346 -78.196 33347
53.819 33348 102.5 33349 24.871 33350 9.2327 33351 180.76 33352 -37.768 33353 32.914
33354 199.6 33355 26.196 33356 2.5401 33357 216.43 33358 229.44 33359 287.33 33360
127.41 33361 238.59 33362 -213.46 33363 -243.3 33364 -269.5 33365 -223.91 33366 -176.12
33367 -171.92 33368 -167.99 33369 -241.59 33370 -270.98 33371 -193.9 33372 -272.53
33373 -35.165 33374 -278.77 33375 -126.29 33376 -194.44 33377 -261.45 33378 -107.36
33379 18.208 33380 -91.787 33381 -450.64 33382 -319.74 33383 -323.24 33384 -345.07
33385 -444.73 33386 -316.91 33387 -307.31 33388 -299.31 33389 -462.05 33390 -236.13
33391 -288.51 33392 -357.01 33393 -256. 33394 -237.52 33395 -222.1 33396 -184.37 33397
-219.73 33398 -254.79 33399 -280.78 33400 -222.31 33401 -228.51 33402 -250.51 33403
-216.76 33404 -208.42 33405 -221.23 33406 -192.87 33407 -197.47 33408 -215.14 33409
-194.31 33410 -204.75 33411 -198.36 33412 -195.29 33413 -202.65 33414 -198.97 33415
-218.57 33416 -221.37 33417 -207.69 33418 -214.11 33419 -138.58 33420 -232.98 33421
-220.04 33422 -260.87 33423 -194.05 33424 -191.85 33425 -191.95 33426 -168.63 33427
-256.52 33428 -175.38 33429 -188.35 33430 -234.57 33431 -158.37 33432 -210.5 33433
-345.56 33434 -411.95 33435 -369.71 33436 -511.64 33437 -389.87 33438 -472.12 33439
-369.83 33440 -434.03 33441 -394.54 33442 -376.86 33443 -352.76 33444 -403.96 33445
-353.76 33446 -420.39 33447 -384.99 33448 -441.7 33449 -335.9 33450 -472.71 33451
-186.17 33452 -203.96 33453 -186.72 33454 -145.17 33455 -184.41 33456 -176.65 33457
-189.76 33458 -199.55 33459 -400.28 33460 -468.78 33461 -508.99 33462 -311.52 33463
-421.29 33464 -492.63 33465 -319.98 33466 -303.96 33467 -507.71 33468 -322.84 33469
-532.9 33470 -371.94 33471 -532.78 33472 -467.95 33473 -187.34 33474 -243.38 33475
-235.65 33476 -201.96 33477 -227.93 33478 -240.58 33479 -230.16 33480 -368.76 33481
-444.22 33482 -359.67 33483 -406.47 33484 -383.38 33485 -502.04 33486 -398.46 33487
-584.16 33488 -576.98 33489 -518.74 33490 -541.34 33491 -569.31 33492 -497.62 33493
-561.2 33494 -239.01 33495 -259.9 33496 -252.91 33497 -198.6 33498 -217.8 33499 -177.39
33500 -179.11 33501 -211.93 33502 -217.45 33503 -262.06 33504 -230.09 33505 -232.53
33506 -155.06 33507 -174.37 33508 -223.64 33509 -235.9 33510 -212.43 33511 -181.44 33512
-160.87 33513 -190.98 33514 -284.62 33515 -287.09 33516 -309.95 33517 -279.81 33518
-257.49 33519 -241. 33520 -260.89 33521 -264.96 33522 -268.79 33523 -242.04 33524
-251.84 33525 -237.51 33526 -259.82 33527 -186.56 33528 -216.91 33529 -284.07 33530
-172.22 33531 -267.78 33532 -234.98 33533 -223.72 33534 -168.9 33535 -271.27 33536
-274.77 33537 -243.76 33538 -236.6 33539 -230.94 33540 -233.79 33541 -251.61 33542
-220.47 33543 -160.15 33544 11.377 33545 -156.64 33546 34.975 33547 12.881 33548 -2.245
33549 -47.481 33550 -88.563 33551 -150.98 33552 -126.8 33553 -190.58 33554 53.594 33555
-241.28 33556 41.114 33557 -76.543 33558 -31.598 33559 -173.61 33560 -95.184 33561
-64.178 33562 -42.594 33563 60.035 33564 -53.741 33565 -33.304 33566 111.59 33567
-33.435 33568 69.763 33569 -214.94 33570 -169.35 33571 -157.35 33572 -183.17 33573
-149.93 33574 -173.52 33575 -216.42 33576 -282.58 33577 -477.12 33578 -320.04 33579
-507.59 33580 -438.19 33581 -483.13 33582 -182.23 33583 -130.76 33584 -166.42 33585
-162.24 33586 -173.34 33587 -161.31 33588 -291.5 33589 -313.33 33590 -285.17 33591
-275.57 33592 -268.34 33593 -111.25 33594 -15.145 33595 -40.66 33596 -83.055 33597
77.935 33598 -1.5457 33599 -59.838 33600 26.08 33601 -66.585 33602 -26.665 33603 -22.57
33604 46.717 33605 28.837 33606 32.149 33607 -15.88 33608 -27.738 33609 -23.715 33610
-228.5 33611 -212.81 33612 -210.38 33613 -204.74 33614 -181.83 33615 -195.01 33616
-191.37 33617 -199.19 33618 -246.47 33619 -193.72 33620 -246.26 33621 -196.11 33622
-178.65 33623 -207.4 33624 -211.64 33625 -193.1 33626 -200.25 33627 -236.21 33628
-403.13 33629 -395.96 33630 -388.29 33631 -176.9 33632 -176.9 33633 -166.71 33634

-158.91 33635 -148.05 33636 -183.83 33637 -104.03 33638 -164.65 33639 -25.952 33640
-213.46 33641 25.599 33642 -202.51 33643 -16.225 33644 83.524 33645 -26.471 33646
-282.96 33647 -248.66 33648 -183.61 33649 -243.01 33650 -282.61 33651 -333.3 33652
-256.56 33653 -247.07 33654 -224.8 33655 -20.318 33656 -168.16 33657 -191.21 33658
-174.88 33659 -198.54 33660 -120.26 33661 -182.68 33662 -180.12 33663 -175.28 33664
86.255 33665 -295. 33666 -288.67 33667 -281.67 33668 -233.34 33669 -256.83 33670 -251.18
33671 -271.84 33672 -243.38 33673 -389.05 33674 -307.78 33675 -341.57 33676 -285.54
33677 -412.9 33678 -269.56 33679 -251.76 33680 -330.9 33681 -312.81 33682 -266.88 33683
-263.35 33684 -230.16 33685 -237.91 33686 -276. 33687 -276.99 33688 -67.319 33689 227.81
33690 63.16 33691 51.266 33692 140.83 33693 180.94 33694 491.26 33695 229.19 33696
10.768 33697 259.2 33698 257.78 33699 -225.07 33700 -173.52 33701 -188.6 33702 -234.62
33703 -192.55 33704 -197.24 33705 -200.79 33706 -243.07 33707 -255.52 33708 -195.09
33709 -220.16 33710 -191.79 33711 -205.31 33712 -196.4 33713 -190.1 33714 -181.73 33715
-202.93 33716 -48.48 33717 -119.8 33718 -139.61 33719 -151.77 33720 -18.637 33721 39.255
33722 -120.67 33723 -9.4828 33724 -220.56 33725 -225.81 33726 -214.85 33727 -218.13
33728 -209.21 33729 132.78 33730 12.796 33731 -2.1455 33732 107.27 33733 128.23 33734
-16.793 33735 186.15 33736 76.159 33737 22.202 33738 -160.36 33739 -130.1 33740 -151.2
33741 -138.35 33742 39.04 33743 -151.6 33744 -170.91 33745 -227.02 33746 68.899 33747
28.329 33748 205.72 33749 116.69 33750 227.88 33751 242.26 33752 -356.53 33753 -481.4
33754 -408.67 33755 -425.45 33756 -435.67 33757 -399.4 33758 -355.33 33759 -499.9 33760
-363.9 33761 -376.09 33762 -499.81 33763 -335.68 33764 -381.31 33765 -387.87 33766
-481.66 33767 -177.7 33768 -174.32 33769 -193.62 33770 -160.38 33771 -182.74 33772
-226.87 33773 -180.85 33774 -145.99 33775 -166.18 33776 -154.24 33777 -129.17 33778
-281.01 33779 -287.38 33780 -261.49 33781 -281.67 33782 -272.77 33783 -308.52 33784
-300.9 33785 -277.81 33786 -293.67 33787 -392.05 33788 -235.63 33789 -223.68 33790
-250.49 33791 -200.31 33792 -254.31 33793 -234.67 33794 -228.04 33795 -262.1 33796
-250.03 33797 -219.08 33798 -252.85 33799 -221.13 33800 -216.14 33801 -166.3 33802
-353.76 33803 -340.5 33804 -410.15 33805 -413.56 33806 -392.55 33807 -561.76 33808
-496.93 33809 -512.83 33810 -535.43 33811 -555.29 33812 -156.29 33813 -217.89 33814
-195.37 33815 -227.12 33816 -227.73 33817 -221.66 33818 -394.04 33819 -328.63 33820
-371.08 33821 -234.26 33822 -214.47 33823 -208.4 33824 -364.41 33825 -203.45 33826
-364.29 33827 -315.36 33828 92.571 33829 -19.094 33830 -15.987 33831 -7.934 33832 61.353
33833 -109.43 33834 76.759 33835 -98.318 33836 -7.3713 33837 115.32 33838 171.6 33839
125.44 33840 -13.102 33841 -180.55 33842 -171.87 33843 -264.31 33844 -231.3 33845
-255.87 33846 -218.25 33847 -205.61 33848 -245.32 33849 -207.7 33850 -243.7 33851
-187.44 33852 -256.07 33853 -234.46 33854 -193.61 33855 -214.66 33856 -239.57 33857
-202.04 33858 -270.77 33859 -247.68 33860 -244.79 33861 -259.46 33862 -263.53 33863
-257.44 33864 -243.51 33865 -237.28 33866 -228.89 33867 -211.84 33868 -194.55 33869
-250.92 33870 -238.65 33871 -369.88 33872 -147.48 33873 -211. 33874 -195.2 33875 -240.52
33876 -163.29 33877 -275.34 33878 -227. 33879 -250.49 33880 -272.74 33881 -209.24 33882
-264.74 33883 -265.5 33884 -237.04 33885 -455.03 33886 -537.29 33887 -356.22 33888
-419.73 33889 -499.19 33890 -554.73 33891 -537.88 33892 -325.87 33893 -269.85 33894
-372.53 33895 -201.08 33896 -333.89 33897 -197.25 33898 -184.15 33899 -253.62 33900
-372.57 33901 -240.59 33902 -200.56 33903 -274.13 33904 -240.79 33905 -415.51 33906
-253.25 33907 -234.44 33908 -223.33 33909 -432.95 33910 -277.41 33911 -200.57 33912
-208.31 33913 -237.15 33914 -191.02 33915 -235.12 33916 -149.68 33917 -170.74 33918
-195.65 33919 -158.12 33920 -199.34 33921 -204.6 33922 -182.33 33923 -219.61 33924
-110.55 33925 -104.4 33926 -47.281 33927 -61.637 33928 -44.931 33929 -99.536 33930
-86.432 33931 -251.92 33932 -218.57 33933 -165.54 33934 -184.47 33935 -243.37 33936
-129.88 33937 -141.47 33938 -185.99 33939 -122.49 33940 -11.142 33941 -178.75 33942
31.022 33943 -63.546 33944 -138.32 33945 9.4338 33946 -90.752 33947 -84.602 33948
-335.51 33949 -395.47 33950 -459.67 33951 -515.2 33952 -429.6 33953 -446.03 33954
-306.56 33955 -433.92 33956 -272.78 33957 -298.97 33958 -351.92 33959 -449. 33960
-409.24 33961 -220.01 33962 -259.44 33963 -237.84 33964 -235.71 33965 -215.18 33966
-218.55 33967 -189.51 33968 -153.91 33969 -170.22 33970 -181.71 33971 -163.23 33972
-204.45 33973 -157.18 33974 -178.86 33975 -198.75 33976 -205.97 33977 -220.65 33978
-224.71 33979 -119.65 33980 -168.44 33981 -78.131 33982 -78.159 33983 -213.4 33984

-202.44 33985 -205.72 33986 -228.41 33987 -48.928 33988 -58.146 33989 -96.044 33990
-143.33 33991 -197.41 33992 -234.55 33993 -216.76 33994 -370.3 33995 -423.25 33996
-520.33 33997 -505.51 33998 -127.14 33999 -135.28 34000 -70.956 34001 -69.126 34002
-162.39 34003 -72.106 34004 -288.77 34005 -164.46 34006 -132.7 34007 -249.28 34008
-139.03 34009 -208.5 34010 -275.13 34011 -138.62 34012 -189.67 34013 -195.58 34014
-224.98 34015 -264.94 34016 -153.09 34017 -215.85 34018 -213. 34019 -210.97 34020
-196.38 34021 -177.4 34022 -215.84 34023 -233.66 34024 -205.2 34025 -175.13 34026
-176.08 34027 -213.21 34028 -147.93 34029 -133.59 34030 -130.27 34031 -52.545 34032
-43.638 34033 -62.553 34034 -81.021 34035 -45.846 34036 -87.347 34037 -327.31 34038
-271.9 34039 -365.05 34040 -205.31 34041 -205.21 34042 -184.69 34043 -191.58 34044
-210.19 34045 -188.05 34046 -199.55 34047 -248.49 34048 -386.79 34049 -297.57 34050
-350.52 34051 -450.94 34052 -287.05 34053 -432.78 34054 -129.57 34055 -122.63 34056
-153.01 34057 -162.81 34058 -53.277 34059 -63.284 34060 -118.47 34061 -81.753 34062
-101.18 34063 10.952 34064 3.2751 34065 -11.967 34066 79.473 34067 132.87 34068 -20.74
34069 -33.395 34070 101.29 34071 1.1002 34072 1.0723 34073 -43.579 34074 -62.494 34075
-80.963 34076 -57.976 34077 -104.34 34078 -55.15 34079 -49.425 34080 -59.921 34081
-127.24 34082 -65.623 34083 -76.006 34084 -89.022 34085 -78.344 34086 -111.45 34087
-130.33 34088 -5.4538 34089 10.404 34090 2.1687 34091 7.1257 34092 147.01 34093 1.0407
34094 -6.6041 34095 -19.259 34096 -179.28 34097 -199.17 34098 -170.61 34099 -160.35
34100 -150.04 34101 -165.13 34102 -211.14 34103 -176.85 34104 -104.01 34105 -138.03
34106 -198.75 34107 -106.89 34108 -188.82 34109 -15.739 34110 -26.489 34111 -29.469
34112 -42.124 34113 -200.01 34114 -191.09 34115 -168.18 34116 -157.92 34117 -181.37
34118 -183.69 34119 -72.056 34120 -200.27 34121 -216.03 34122 -197.12 34123 -190.4 34124
-293.46 34125 -350.17 34126 -243.11 34127 -343.99 34128 -269.7 34129 -110.4 34130 -194.37
34131 -188.07 34132 -179.7 34133 -191.11 34134 -208.16 34135 -200.9 34136 -127.86 34137
-193.87 34138 -287.02 34139 -185.05 34140 -181.98 34141 -182.56 34142 -205.26 34143
-189.44 34144 -208.06 34145 -142.97 34146 -214.15 34147 -187.18 34148 -203.14 34149
-165.42 34150 -200.77 34151 -162.56 34152 -203.35 34153 -35.908 34154 -113.72 34155
-62.49 34156 -75.506 34157 -26.866 34158 231.12 34159 284.52 34160 254.2 34161 -85.078
34162 -37.614 34163 -53.939 34164 -47.032 34165 -150.59 34166 -170.78 34167 -175.72
34168 -163.09 34169 -172.08 34170 -92.77 34171 -202.28 34172 -160.08 34173 -186.27
34174 -98.472 34175 -239.22 34176 -195.15 34177 -123.81 34178 -227.69 34179 -175.75
34180 -111.19 34181 -134.03 34182 -181.62 34183 -148.37 34184 -190.51 34185 -171.97
34186 0.53537 34187 0.1184 34188 -1.5336 34189 -5.9667 34190 1.8774 34191 -129.36
34192 -116.27 34193 -152.81 34194 -119.06 34195 -149.16 34196 -129.85 34197 -155.13
34198 -159.1 34199 -2.7428 34200 -2.6326 34201 -11.319 34202 9.6817e-002 34203 -4.3948
34204 -13.492 34205 -12.657 34206 -13.249 34207 -29.574 34208 -0.98381 34209 1.0968
34210 -143.64 34211 -143.02 34212 -221.83 34213 -246.08 34214 -43.578 34215 -25.391
34216 -62.001 34217 -163.95 34218 -171.3 34219 -154.43 34220 -140.6 34221 -167.62 34222
-172.98 34223 -171.41 34224 -190.02 34225 -124.93 34226 -182.76 34227 -170.43 34228
-119.47 34229 -201.73 34230 -144.02 34231 -234.42 34232 -163.09 34233 -214.78 34234
-145.18 34235 -208.15 34236 -8.1168 34237 -14.202 34238 -34.501 34239 -119.59 34240
-144.87 34241 -90.807 34242 -81.053 34243 -164.49 34244 -162.79 34245 -126.92 34246
-175.9 34247 -161.83 34248 -185.69 34249 -161.97 34250 -168.24 34251 -107.13 34252
-137.53 34253 -184.16 34254 -186.96 34255 -121.87 34256 -193.05 34257 -66.955 34258
-19.666 34259 -56.276 34260 -54.051 34261 -66.772 34262 -150. 34263 -130.01 34264
-185.35 34265 -220.41 34266 -149.08 34267 -147.14 34268 -131.17 34269 -136.46 34270
-194.14 34271 -216.13 34272 -260.23 34273 -188.9 34274 -240.59 34275 -292.78 34276
-240.83 34277 -112.27 34278 -118. 34279 -196.81 34280 -204.77 34281 -158.73 34282 -144.89
34283 -171.91 34284 -191.52 34285 -158.28 34286 -180.63 34287 -167.12 34288 -92.289
34289 -109.41 34290 -93.441 34291 -150.21 34292 -178.41 34293 -161.49 34294 -175.8
34295 -182.05 34296 -174.64 34297 -179.49 34298 -174.9 34299 -174.66 34300 -184.58
34301 -163.85 34302 -81.791 34303 -105.07 34304 -135.92 34305 -76.242 34306 -128.23
34307 -137.21 34308 -123.97 34309 -137.22 34310 -101.99 34311 -42.312 34312 -64.415
34313 -94.299 34314 -28.987 34315 -90.044 34316 -71.567 34317 -93.666 34318 -79.04
34319 -129.46 34320 -125.81 34321 -106.5 34322 -74.947 34323 -128.02 34324 -115.81 34325
-83.206 34326 -155.04 34327 -160.4 34328 -150.25 34329 -103.42 34330 -157.85 34331

-238.26 34332 -250.45 34333 -91.371 34334 -89.43 34335 -73.459 34336 -78.751 34337
-16.538 34338 -54.844 34339 -51.916 34340 -4.9105 34341 -30.669 34342 -18.256 34343
-2.3602 34344 9.5695 34345 -25.293 34346 -79.783 34347 -137.56 34348 -130.2 34349
-65.586 34350 -117.57 34351 -126.56 34352 -59.895 34353 -83.78 34354 -24.73 34355 28.28
34356 -68.115 34357 -5.71 34358 -69.372 34359 -55.138 34360 -136.42 34361 -144.02 34362
-4.8117 34363 -13.909 34364 -9.2448 34365 -29.544 34366 -11.626 34367 0.95898 34368
-22.913 34369 -6.1675 34370 -7.0211 34371 -4.7015 34372 -12.963 34373 -0.52538 34374
41.283 34375 -1.2905 34376 -17.854 34377 -115.84 34378 -152.96 34379 -145.81 34380
-192.56 34381 -134.75 34382 -31.599 34383 33.596 34384 -46.249 34385 -105.94 34386
-8.8962 34387 -13.388 34388 -21.65 34389 -14.038 34390 -112.44 34391 -7.8962 34392
-198.42 34393 -106.03 34394 -129. 34395 -121.25 34396 -132.35 34397 -134.35 34398
-120.32 34399 -137.72 34400 -77.379 34401 -120.42 34402 -96.834 34403 -158.15 34404
-108.76 34405 -42.946 34406 -13.066 34407 -47.5 34408 -61.064 34409 -45.269 34410
-181.57 34411 32.322 34412 -163.15 34413 -158.32 34414 54.482 34415 -10.322 34416
-50.007 34417 -118.08 34418 -140.64 34419 -150.51 34420 -139.67 34421 -139.81 34422
-116.22 34423 -230.26 34424 -175.31 34425 -25.289 34426 -38.853 34427 -6.5576 34428
-29.491 34429 -166.94 34430 -146.34 34431 -69.679 34432 -83.401 34433 -145.3 34434
-102.11 34435 -107.31 34436 -181.16 34437 -129. 34438 -144.46 34439 -97.226 34440
-135.03 34441 -89.422 34442 -150.48 34443 -78.512 34444 -139.57 34445 -111.26 34446
-133.82 34447 -97.938 34448 -132.85 34449 -130.38 34450 -62.511 34451 -130.17 34452
-140.05 34453 -129.2 34454 -126.74 34455 -143.06 34456 1.9159 34457 -3.1228 34458 -1.838
34459 24.893 34460 87.077 34461 3.3729 34462 45.181 34463 -84.236 34464 -81.16 34465
-94.168 34466 -124.57 34467 -66.439 34468 -38.681 34469 -85.336 34470 -108.74 34471
-105.28 34472 -103.05 34473 22.932 34474 -164.97 34475 -154.78 34476 -171.9 34477 -154.9
34478 -177.26 34479 -171.24 34480 -195.28 34481 -199.63 34482 -257.07 34483 -94.419
34484 -137.8 34485 -73.986 34486 -147.85 34487 -90.158 34488 -79.352 34489 -73.172
34490 -44.864 34491 -32.934 34492 -57.536 34493 -26.995 34494 -61.172 34495 -117.23
34496 -45.841 34497 -105.11 34498 -59.554 34499 -34.339 34500 -70.881 34501 -32.937
34502 -30.17 34503 -37.828 34504 7.6592 34505 -52.032 34506 42.741 34507 45.012 34508
-37.517 34509 116.46 34510 39.87 34511 114.61 34512 -58.535 34513 -150.03 34514 -170.76
34515 -126.95 34516 -37.386 34517 -186.81 34518 79.563 34519 30.825 34520 148.68 34521
143.66 34522 226.91 34523 205.84 34524 -161.09 34525 -143.09 34526 -168.01 34527
-148.83 34528 -155.98 34529 71.187 34530 24.532 34531 74.799 34532 -5.8002 34533
-21.972 34534 4.5907 34535 -33.469 34536 23.322 34537 6.8222 34538 106.73 34539 -94.575
34540 -90.271 34541 -120.68 34542 -152.12 34543 -130.14 34544 -32.892 34545 -136.4
34546 -112.21 34547 -129.24 34548 -176. 34549 -130.53 34550 -73.358 34551 -122.94 34552
-42.262 34553 -32.609 34554 -44.35 34555 -60.39 34556 4.7431 34557 -21.015 34558 -8.0102
34559 76.187 34560 -30.855 34561 -11.601 34562 -28.023 34563 -66.027 34564 -91.656
34565 85.737 34566 43.392 34567 122.27 34568 56.694 34569 106.96 34570 36.753 34571
38.985 34572 -55.401 34573 -87.195 34574 -117.6 34575 -105.24 34576 -89.404 34577
-116.66 34578 -150.9 34579 -132.24 34580 -168.02 34581 -148.84 34582 -132.25 34583
-119.09 34584 -149.46 34585 -80.548 34586 -44.45 34587 -76.244 34588 -94.289 34589
-43.608 34590 -110.05 34591 -40.502 34592 -85.738 34593 -165.05 34594 15.337 34595
-151.42 34596 -186.39 34597 -253.33 34598 -15.305 34599 -75.668 34600 -163.97 34601
-218.77 34602 -269.46 34603 -16.172 34604 -104.73 34605 -93.579 34606 -71.058 34607
-109.62 34608 -144.92 34609 -44.486 34610 -70.244 34611 -80.084 34612 -60.83 34613
-30.006 34614 -124.66 34615 -10.249 34616 -26.427 34617 -29.196 34618 -16.191 34619
10.755 34620 -3.7536 34621 -3.4262 34622 -21.082 34623 -75.822 34624 -131.88 34625
-83.926 34626 -138.02 34627 -119.76 34628 -135.05 34629 -86.485 34630 -34.833 34631
-47.586 34632 36.61 34633 -67.599 34634 -52.477 34635 -89.855 34636 -166.04 34637
-83.955 34638 -109.93 34639 -97.689 34640 -95.537 34641 14.789 34642 43.289 34643 49.95
34644 133.2 34645 -96.129 34646 -138.52 34647 -122.05 34648 -157.83 34649 -99.23 34650
-122.06 34651 -157.18 34652 -6.0642 34653 -4.7794 34654 15.291 34655 21.952 34656
29.388 34657 0.43153 34658 0.75887 34659 -9.8181 34660 -4.6072 34661 -4.2798 34662
-14.278 34663 -21.936 34664 -104.51 34665 -134.91 34666 -116.97 34667 -71.87 34668
-138.31 34669 137.79 34670 127.87 34671 419.63 34672 217.43 34673 567.86 34674 305.79
34675 -123.4 34676 -138.69 34677 -77.84 34678 -90.121 34679 -56.114 34680 -179.45 34681

-200.47 34682 -145.22 34683 -200.86 34684 -198.07 34685 -149.76 34686 -121.72 34687
-111.71 34688 -147.01 34689 -98.225 34690 -118.03 34691 -69.562 34692 -72.332 34693
-59.327 34694 -79.34 34695 -64.217 34696 -96.11 34697 -16.637 34698 -82.281 34699 -4.893
34700 69.844 34701 -185.83 34702 -70.23 34703 -130.84 34704 -137.99 34705 -117.55 34706
-108.52 34707 14.464 34708 -66.253 34709 60.306 34710 -36.464 34711 -78.672 34712
-9.9019 34713 -47.961 34714 -68.409 34715 -86.453 34716 -106.77 34717 -98.227 34718
-182.95 34719 -195.61 34720 -72.495 34721 -48.229 34722 -63.357 34723 -101.07 34724
-78.748 34725 -16.963 34726 11.537 34727 18.198 34728 -62.509 34729 -31.683 34730
-50.013 34731 -37.293 34732 -73.836 34733 -175.81 34734 -200.89 34735 -152.32 34736
-133.43 34737 -150.2 34738 -137.76 34739 -144.08 34740 -159.52 34741 -105.4 34742
-122.17 34743 2.3055 34744 142.51 34745 -54.146 34746 -149.69 34747 -60.202 34748
-28.634 34749 -81.897 34750 -127.04 34751 -121.35 34752 -163.88 34753 -62.654 34754
-91.413 34755 -70.299 34756 -108.01 34757 176.31 34758 161.18 34759 217.02 34760 86.884
34761 -10.185 34762 68.244 34763 93.853 34764 5.5519 34765 194.93 34766 153.35 34767
64.791 34768 -116.31 34769 -188.3 34770 -128.08 34771 -179.75 34772 -119.8 34773 -113.63
34774 -106.17 34775 -66.796 34776 -78.293 34777 -40.397 34778 -21.502 34779 61.906
34780 -9.5728 34781 -48.822 34782 -182.63 34783 -121.78 34784 -188.35 34785 -133.11
34786 -149.35 34787 -163.05 34788 -134.07 34789 -149.5 34790 -52.167 34791 -176.82
34792 -98.212 34793 -95.38 34794 -126.36 34795 -27.04 34796 -66.136 34797 -48.913 34798
-51.683 34799 -36.297 34800 -169.37 34801 -138.13 34802 -281.91 34803 -272.54 34804
-189.8 34805 -120.9 34806 -212.12 34807 -123.67 34808 -273.48 34809 -71.887 34810
-93.935 34811 -39.077 34812 -12.425 34813 -70.718 34814 -158.61 34815 -77.464 34816
-27.121 34817 -54.641 34818 -37.545 34819 -45.352 34820 -113.11 34821 -201. 34822 -119.86
34823 3.1074 34824 9.7686 34825 38.268 34826 121.52 34827 5.6939 34828 45.704 34829
17.075 34830 -40.395 34831 -33.287 34832 -88.214 34833 -68.302 34834 -111.94 34835
-46.634 34836 -118.18 34837 -87.549 34838 -66.776 34839 -98.669 34840 231.06 34841 56.55
34842 68.229 34843 133.01 34844 -155.83 34845 -120.79 34846 -252.93 34847 -183.14 34848
-118.47 34849 -103.65 34850 -65.896 34851 -161.11 34852 -36.435 34853 -59.969 34854
8.3631 34855 -133.65 34856 -110.1 34857 -32.901 34858 -20.18 34859 -73.924 34860 -198.57
34861 -119.08 34862 -96.896 34863 55.229 34864 -46.032 34865 -18.903 34866 -61.423
34867 -57.513 34868 -99.535 34869 -159.04 34870 -21.584 34871 15.597 34872 -8.9674
34873 -74.973 34874 -75.053 34875 -198.33 34876 -154.04 34877 -154.12 34878 -209.76
34879 -82.307 34880 -135.05 34881 -130.96 34882 -169.25 34883 -126.98 34884 48.577
34885 -20.251 34886 3.8117e-002 34887 -65.001 34888 -14.657 34889 -43.887 34890 -25.081
34891 -2.9535 34892 -8.2152 34893 -29.88 34894 -29.936 34895 -74.63 34896 -53.516 34897
-212.32 34898 -80.871 34899 -65.369 34900 -129.58 34901 -32.93 34902 -48.064 34903
-233.33 34904 -143.46 34905 -190.32 34906 -163.54 34907 -84.048 34908 -275.6 34909
-295.68 34910 -357.04 34911 133.8 34912 251.2 34913 154.43 34914 -5.2376 34915 234.9
34916 208.4 34917 200.64 34918 139.86 34919 79.978 34920 -59.506 34921 -101.53 34922
-161.04 34923 -58.202 34924 -13.944 34925 -37.525 34926 -18.719 34927 -10.396 34928
-41.357 34929 -84.154 34930 -65.502 34931 -50.001 34932 -40.133 34933 -114.21 34934
-179.38 34935 -59.048 34936 -172.2 34937 -19.759 34938 -131.54 34939 -101.24 34940
-22.631 34941 -215.29 34942 -263.99 34943 -357.94 34944 -347.67 34945 38.105 34946 45.33
34947 3.6526 34948 -35.675 34949 -131.07 34950 14.282 34951 -61.514 34952 -27.451 34953
-41.78 34954 -31.603 34955 54.316 34956 11.994 34957 1.5701 34958 57.072 34959 55.97
34960 60.384 34961 23.698 34962 18.436 34963 -68.336 34964 -58.468 34965 -132.54 34966
-226.49 34967 -190.53 34968 -51.647 34969 -42.967 34970 -117.04 34971 -20.396 34972
-68.93 34973 -143.01 34974 -198.73 34975 82.48 34976 -232.59 34977 -102.51 34978 7.5412
34979 -99.584 34980 31.344 34981 -149.19 34982 -82.042 34983 -113.22 34984 -201.11
34985 -179.15 34986 -140.26 34987 -79.742 34988 -125.87 34989 -102.68 34990 -94.386
34991 -100.31 34992 -152.92 34993 -92.398 34994 -282.97 34995 -252.67 34996 -34.572
34997 -35.215 34998 -128.01 34999 -46.307 35000 6.5699 35001 -89.321 35002 -38.858
35003 -78.292 35004 -78.437 35005 -124.65 35006 -67.743 35007 -33.879 35008 -174.71
35009 -22.849 35010 21.195 35011 -78.635 35012 2.9327 35013 -60.712 35014 -127.73 35015
-59.062 35016 -172.35 35017 -38.089 35018 -130.89 35019 -51.79 35020 -119.78 35021
-60.228 35022 -0.16692 35023 -85.93 35024 -125.55 35025 -46.452 35026 -5.6475 35027
-38.237 35028 -46.676 35029 -21.008 35030 25.929 35031 1.5233 35032 -10.334 35033

-256.19 35034 -177.79 35035 -46.298 35036 -66.703 35037 -64.53 35038 -116.94 35039
-1.2203 35040 29.196 35041 33.291 35042 199.35 35043 102.58 35044 156.55 35045 212.83
35046 83.596 35047 88.01 35048 -98.795 35049 -154.44 35050 -152.42 35051 -243.72 35052
-204.83 35053 -82.275 35054 -80.566 35055 -63.469 35056 -59.374 35057 -119.98 35058
-103.39 35059 -20.932 35060 3.7409 35061 -126.09 35062 -107.67 35063 -275.2 35064
-239.24 35065 -42.355 35066 -98.871 35067 -34.032 35068 -76.552 35069 -72.162 35070
-125.18 35071 -56.405 35072 -94.465 35073 -37.674 35074 -46.227 35075 -33.222 35076
-38.113 35077 107.11 35078 47.566 35079 -82.562 35080 -38.752 35081 253.01 35082 50.813
35083 -76.986 35084 -63.355 35085 -98.319 35086 139.17 35087 138.88 35088 -165.26 35089
-130.61 35090 -118.25 35091 -134.01 35092 -23.239 35093 -10.234 35094 -10.826 35095
73.963 35096 -7.1138 35097 -3.0528 35098 -0.97214 35099 -173.59 35100 -176.95 35101
-163.44 35102 -183.37 35103 -377.52 35104 -478.02 35105 -477.93 35106 -365.99 35107
-314.04 35108 -118.54 35109 -148.43 35110 -153.45 35111 -144.17 35112 -153.37 35113
-162.35 35114 -143.03 35115 -168.32 35116 -90.971 35117 -110.4 35118 -97.297 35119 223.21
35120 69.622 35121 75.772 35122 -209.16 35123 -121.37 35124 -262.11 35125 -218.04 35126
-131.75 35127 -144.77 35128 -244.03 35129 -250.59 35130 -134.09 35131 -155.13 35132
-211.39 35133 -199.14 35134 -124.52 35135 -99.913 35136 -192.38 35137 -3.0906 35138
-66.017 35139 -35.217 35140 -62.607 35141 21.973 35142 -37.305 35143 26.964 35144
-5.2772 35145 -240.05 35146 -199.65 35147 -255.14 35148 -255.91 35149 -335.63 35150
-232.05 35151 -226.73 35152 -357.95 35153 -331.2 35154 -529.23 35155 -546.02 35156
-476.62 35157 -628.11 35158 -449.87 35159 -146.16 35160 -183.83 35161 -165.58 35162
-220.96 35163 -221.95 35164 -40.74 35165 -382.08 35166 -477.11 35167 -341.3 35168
-407.94 35169 -460.26 35170 -141.2 35171 -178.87 35172 -257.78 35173 -208.27 35174
-240.1 35175 -137.56 35176 -217. 35177 -246.92 35178 -147.12 35179 -199.14 35180 -171.85
35181 -148.67 35182 -168.92 35183 55.268 35184 -165.4 35185 -288.3 35186 -385.38 35187
-370.56 35188 -70.136 35189 -154.16 35190 -119.14 35191 -165.15 35192 -101.38 35193
-147.11 35194 -128.87 35195 -105.8 35196 -115.77 35197 -185.24 35198 -117.8 35199 -113.57
35200 -174.2 35201 -210.24 35202 -216.33 35203 -116.85 35204 -165.83 35205 -151.76 35206
-151.8 35207 -151.9 35208 -128.31 35209 -180.31 35210 -150.36 35211 -175.49 35212
-138.19 35213 -88.75 35214 -148.65 35215 -104.84 35216 -167.27 35217 -143.08 35218
-164.7 35219 -160.11 35220 -164.41 35221 95.605 35222 37.644 35223 -0.58884 35224 179.8
35225 167.32 35226 13.041 35227 -21.923 35228 215.57 35229 31.024 35230 -80.57 35231
-21.622 35232 -10.414 35233 -183.56 35234 -154.52 35235 -80.355 35236 -15.572 35237
-146.4 35238 -198.31 35239 -19.454 35240 -80.065 35241 -57.746 35242 5.1539 35243 30.85
35244 -1.4216 35245 -75.97 35246 53.928 35247 -53.65 35248 69.334 35249 -11.382 35250
164.18 35251 -114.26 35252 -79.266 35253 -59.353 35254 -121.56 35255 -70.013 35256
-45.825 35257 -109.61 35258 134.57 35259 92.986 35260 -114.37 35261 -47.723 35262
-35.992 35263 127.4 35264 -92.483 35265 -2.918 35266 -130.72 35267 -152.34 35268 -152.05
35269 -218.99 35270 -115.88 35271 -115.92 35272 -45.541 35273 -106.6 35274 28.45 35275
-95.616 35276 -323.16 35277 -329.72 35278 -277.77 35279 -423.51 35280 -192.41 35281
17.361 35282 -163.95 35283 -181.77 35284 -233.46 35285 -279.09 35286 -285.65 35287
-169.15 35288 -226.83 35289 -111.1 35290 40.891 35291 -86.907 35292 -108.53 35293 81.004
35294 129.25 35295 157.84 35296 -27.878 35297 -149.33 35298 -170.95 35299 -166.37 35300
-213.12 35301 -155.31 35302 -114.28 35303 -244.15 35304 -157.91 35305 -176.48 35306
-149.72 35307 -188.73 35308 -165.01 35309 -176.4 35310 -44.896 35311 -32.846 35312
31.173 35313 -162.13 35314 -97.815 35315 -390.02 35316 -409.87 35317 -225.86 35318
-120.9 35319 -230.61 35320 -221.91 35321 -143.47 35322 -222.91 35323 -156.63 35324
-142.29 35325 -205.05 35326 -80.59 35327 -204.98 35328 -194.42 35329 -129.33 35330
-324.92 35331 -352.01 35332 -301.81 35333 -368.45 35334 -331.74 35335 -231.94 35336
-256.66 35337 -275.41 35338 -282.23 35339 -283.54 35340 -234.45 35341 -183.98 35342
-158.71 35343 -168.64 35344 -334.34 35345 -284.14 35346 -314.06 35347 -315.38 35348
-372.08 35349 -266.28 35350 -145.35 35351 -91.293 35352 -88.522 35353 -163.31 35354
-205.78 35355 -150.93 35356 -542.17 35357 2.8752 35358 -49.677 35359 -95.874 35360
150.74 35361 108.17 35362 -130.44 35363 -130.57 35364 -40.497 35365 -33.59 35366 -31.209
35367 -172.16 35368 683.08 35369 421.01 35370 420.73 35371 -282.44 35372 -181.66 35373
75.943 35374 -96.622 35375 -116.08 35376 -145.99 35377 -70.226 35378 -119.59 35379
300.45 35380 273.95 35381 266.2 35382 205.42 35383 177.19 35384 233.46 35385 -113.65

35386 22.013 35387 -58.703 35388 -110.13 35389 -6.9345 35390 -172.88 35391 -248.6 35392
4.6851 35393 -83.873 35394 -91.574 35395 -11.111 35396 -27.612 35397 34.238 35398
-49.423 35399 -3.8929 35400 -220.34 35401 -523.92 35402 -1.6222 35403 0.65493 35404
15.36 35405 -139.25 35406 -207.24 35407 -135.19 35408 -204.67 35409 -120.06 35410
-167.49 35411 -266.01 35412 -463.48 35413 -260.04 35414 -193.76 35415 -242.19 35416
-176.1 35417 128.71 35418 34.14 35419 -311.63 35420 -520.59 35421 -495.66 35422 303.55
35423 -292.14 35424 -294.68 35425 -111.73 35426 -136.45 35427 -113.27 35428 82.89 35429
-266.25 35430 -77.984 35431 -162.18 35432 -124.11 35433 -30.592 35434 -24.414 35435
-52.761 35436 -59.743 35437 -50.38 35438 -30.858 35439 -191.56 35440 -377.87 35441
-399.18 35442 -184.61 35443 -43.274 35444 247.4 35445 -52.693 35446 55.25 35447 -146.47
35448 -48.585 35449 -138. 35450 -40.627 35451 -209.79 35452 -216.6 35453 43.697 35454
2.2159 35455 -299.25 35456 -282.96 35457 45.166 35458 -84.448 35459 -114.36 35460
42.932 35461 244.72 35462 -163.56 35463 -127.49 35464 158.82 35465 13.803 35466 216.75
35467 106.75 35468 19.55 35469 -194.91 35470 73.311 35471 248.87 35472 202.71 35473
125.08 35474 194.06 35475 -189.37 35476 -267.87 35477 -286.44 35478 -25.111 35479 -52.51
35480 258.93 35481 119.15 35482 288.94 35483 74.383 35484 -86.873 35485 -68.068 35486
-132.84 35487 104.65 35488 104.36 35489 -199.78 35490 569.24 35491 350.82 35492 599.25
35493 -3.0757 35494 -6.3044 35495 -46.983 35496 59.067 35497 -333.19 35498 -68.591
35499 -175.54 35500 -99.347 35501 -136.58 35502 9.7562 35503 -110.91 35504 59.553 35505
27.282 35506 22.426 35507 14.592 35508 -247.06 35509 -211.25 35510 -156.3 35511 90.767
35512 42.738 35513 34.903 35514 -243.18 35515 -379.99 35516 -257.8 35517 -322.2 35518
-378.9 35519 -245.81 35520 -222.63 35521 249.9 35522 189.12 35523 129.23 35524 287.43
35525 -114.14 35526 -176.9 35527 -110.82 35528 -343.77 35529 -234.75 35530 -240.06 35531
-147.66 35532 -380.21 35533 -211.66 35534 -274.42 35535 168.15 35536 -121.7 35537 167.4
35538 306.89 35539 337.19 35540 8.4603 35541 197.41 35542 73.831 35543 2.4556 35544
118.77 35545 -110.86 35546 178.25 35547 -51.381 35548 54.669 35549 -51.362 35550 94.972
35551 89.664 35552 52.978 35553 47.716 35554 -146.01 35555 46.049 35556 34.192 35557
-162.56 35558 -198.53 35559 137.57 35560 15.444 35561 -147.56 35562 -163.68 35563
-145.93 35564 -214.08 35565 -229.53 35566 -429.66 35567 -380.73 35568 -216.34 35569
-222.55 35570 -177.37 35571 -131.77 35572 -585.67 35573 -520.84 35574 -252.73 35575
-157.98 35576 -183.96 35577 -70.291 35578 306.46 35579 257.72 35580 34.759 35581 137.96
35582 127.71 35583 173.76 35584 -76.758 35585 1.6712 35586 21.308 35587 -196.68 35588
-93.216 35589 -152.72 35590 -194.74 35591 -181.03 35592 -13.837 35593 -9.8146 35594
-213.73 35595 -140.34 35596 -101.87 35597 -7.0655 35598 -42.278 35599 -250.54 35600
-231.1 35601 -174.18 35602 -520.73 35603 -536.63 35604 -559.23 35605 -611.35 35606
-553.11 35607 -575.71 35608 155.69 35609 170.07 35610 -620.96 35611 -596.51 35612
-703.06 35613 -524.81 35614 185.64 35615 -510.29 35616 -530.15 35617 -568.35 35618
-613.29 35619 -174.67 35620 -552.75 35621 -517.14 43112 -8.2115e-006 43113 3.1821e-003
43114 4.516e-004 43115 2.4581e-004 43116 -5.7849e-003 43117 4.5821e-004 43118 1.41e-
004 43119 2.2161e-005 43120 8.4385e-003 43121 1.4198e-003 43122 3.1145e-003 43123
2.0941e-002 43124 8.5519e-003 43125 0.2137 43126 -2.9658e-002 43127 0.25609 43128
-8.096e-002 43129 5.0827e-002 43130 1.3248e-003 43131 -10.755 43132 -0.11553 43133
-8.612 43134 -6.8871 43135 -1.4887 43136 -0.11454 43137 -0.11283 43138 -0.1715 43139
-1.0416 43140 -0.30429 43141 -9.2716e-002 43142 -0.14577 43143 -10.978 43144 -1.5375
43145 -6.1522 43146 -8.1686 43147 -10.199 43148 -7.1241 43149 -16.553 43150 -12.694
43151 -4.0625 43152 -3.762 43153 -1.7642e-002 43154 9.3983e-002 43155 -5.3403e-002
43156 -2.6149e-002 43157 -2.8851e-002 43158 -5.7008e-002 43159 4.6554e-002 43160
-3.5049e-003 43161 1.7309e-002 43162 3.5485e-002 43163 1.0554e-002 43164 -7.0789e-003
43165 0.2081 43166 -1.9412e-002 43167 -0.14203 43168 4.2042 43169 63.479 43170 137.13
43171 62.602 43172 3.6092 43173 0.42841 43174 -0.29607 43175 -0.4374 43176 -0.43685
43177 -0.20528 43178 -0.11323 43179 8.2926e-005 43180 -5.8374e-006 43181 1.9624e-003
43182 8.5327e-003 43183 -0.16197 43184 1.2805e-002 43185 0.12187 43186 -1.8338 43187
1.8891e-002 43188 2.8932e-002 43189 -2.599e-003 43190 -3.1981e-003 43191 3.9402e-005
43192 7.462e-004 43193 -1.8442e-003 43194 9.8864e-004 43195 1.3958e-002 43196
4.3621e-004 43197 4.3877e-003 43198 -4.0582e-005 43199 1.0366e-004 43200 -9.0343e-006
43201 -3.7398e-004 43202 -6.0205e-003 43203 7.611e-005 43204 1.7694e-003 43205
1.6888e-003 43206 5.68e-003 43207 7.0667e-004 43208 8.1751e-005 43209 -9.5542e-004

43210 -3.8658e-004 43211 2.1899e-003 43212 -7.1071e-002 43213 -0.68729 43214 0.34296
43215 -7.7353e-002 43216 -4.5259e-002 43217 -8.1235e-003 43218 -9.7308e-005 43219
-1.1345e-003 43220 -5.8282e-003 43221 -3.663e-002 43222 0.2526 43223 -0.41306 43224
-0.23316 43225 -7.2751e-002 43226 -0.52 43227 9.5272e-004 43228 6.1119e-003 43229
1.3851e-003 43230 -7.2068e-004 43231 -1.0476e-003 43232 7.0175e-004 43233 1.7024e-004
43234 4.6687e-003 43235 1.0612e-003 43236 5.6821e-006 43237 2.9253e-002 43238 14.119
43239 -0.86765 43240 7.2906 43241 -1.0477e-002 43242 -1.2002 43243 -1.4193 43244
-0.18702 43245 -0.34205 43246 3.3675e-002 43247 -3.1944e-002 43248 0.21696 43249
0.91574 43250 4.4456 43251 216.79 43252 146.72 43253 246.73 43254 165.17 43255 196.84
43256 525.86 43257 529.73 43258 295.47 43259 198.02 43260 218.37 43261 326.33 43262
285. 43263 -100.22 43264 -0.45072 43265 -3.3643 43266 -1.0728 43267 -0.51866 43268
-2.1689 43269 -2.2529 43270 -93.733 43271 -0.85742 43272 -3.0037 43273 -119.05 43274
-150.33 43275 -0.2905 43276 -4.5213e-002 43277 1.7197e-002 43278 -0.84449 43279
-0.40313 43280 -0.82959 43281 -1.4594 43282 18.818 43283 4.0842 43284 11.399 43285
4.3465 43286 0.60535 43287 4.7643e-002 43288 306.93 43289 42.955 43290 -5.5131 43291
193.57 43292 166.58 43293 94.729 43294 16.283 43295 -54.998 43296 -115. 43297 -172.72
43298 -199.13 43299 -170.38 43300 -90.88 43301 342.05 43302 303.54 43303 141.13 43304
251.61 43305 -5.1183 43306 32.65 43307 -110.26 43308 -175.22 43309 -142.71 43310 -251.35
43311 -178.96 43312 -38.296 43313 23.078 43314 113.95 43315 146.9 43316 135.05 43317
249.86 43318 690.89 43319 475.24 43320 5.8577 43321 -0.31832 43322 -1.9234 43323
-5.7945 43324 0.52583 43325 -0.21494 43326 1.5668 43327 6.399 43328 9.7641 43329
2.9549 43330 -3.5751 43331 4.3526 43332 -0.43875 43333 5.8824 43334 -2.1872e-002 43335
-0.28464 43336 -1.1865 43337 -7.7617 43338 1.022 43339 3.8274 43340 0.80805 43341 3.184
43342 -6.8746 43343 -2.2143 43344 1.1325 43345 -0.22663 43346 -0.91934 43347 9.9032
43348 3.7869 43349 7.1768 43350 -6.9943 43351 2.765 43352 0.35848 43353 -1.9509e-002
43354 -1.5292 43355 -3.9883 43356 -6.8254 43357 -2.4829 43358 8.5512 43359 -0.52996
43360 -1.3118 43361 -0.46632 43362 -0.10748 43363 -2.0586 43364 3.6426 43365 2.7904
43366 3.7708e-002 43367 5.2346 43368 -9.1339 43369 -3.6178 43370 0.14774 43371 0.30615
43372 -324.26 43373 -401.85 43374 -335.48 43375 -0.23663 43376 -19.741 43377 -0.2611
43378 -19.981 43379 37.355 43380 110.72 43381 36.867 43382 123.21 43383 38.55 43384
104.37 43385 -2.2904 43386 28.364 43387 4.2498 43388 0.22708 43389 -3.6568 43390
46.586 43391 108.73 43392 -2.4675 43393 -4.0782 43394 0.24204 43395 4.3464 43396
20.562 43397 15.759 43398 -2.0001 43399 -0.76856 43400 10.769 43401 13.004 43402
14.013 43403 -2.2044 43404 -0.70288 43405 -15.104 43406 45.618 43407 35.65 43408
-0.18117 43409 -17.432 43410 -0.47091 43411 -0.18916 43412 -0.43253 43413 -1.288e-006
43414 -2.1917e-004 43415 -2.8031e-003 43416 -7.9932e-004 43417 1.3001e-003 43418
3.2837e-004 43419 1.2453e-003 43420 -3.4013e-003 43421 -9.1872e-003 43422 -1.5728e-004
43423 -1.9234e-002 43424 -1.3189e-004 43425 2.6223e-003 43426 -4.1133e-003 43427
6.2093e-003 43428 -4.0868e-002 43429 5.5111e-002 43430 -0.14949 43431 0.19115 43432
0.12177 43433 1.2827e-002 43434 5.3946e-003 43435 -5.5708e-004 43436 -10.279 43437
-11.022 43438 -6.6282 43439 -3.694 43440 -0.40143 43441 -0.49795 43442 -0.14695 43443
-0.15203 43444 -0.58752 43445 -0.39341 43446 -0.6174 43447 -0.52201 43448 -0.17545
43449 -0.18999 43450 -0.16308 43451 -0.50996 43452 -0.32088 43453 -2.1617 43454 -7.4319
43455 -15.597 43456 -14.25 43457 -8.7093 43458 -15.821 43459 -17.292 43460 -27.39 43461
-17.025 43462 -8.1741 43463 -11.261 43464 -11.085 43465 -9.1397 43466 2.5017e-004 43467
-1.1431e-003 43468 -8.6732e-002 43469 -3.9257e-003 43470 6.8241e-002 43471 0.36721
43472 -5.6183e-002 43473 -5.6567e-002 43474 -6.5099e-003 43475 -3.0563e-004 43476
-1.8852e-005 43477 1.4722e-004 43478 7.649e-006 43479 -8.7867e-004 43480 2.0294e-003
43481 -1.8251e-003 43482 5.8026e-003 43483 2.2259e-004 43484 2.9148e-004 43485
1.3466e-003 43486 -2.0975e-003 43487 -2.2687e-004 43488 3.7631e-004 43489 -2.047e-003
43490 -1.2753e-003 43491 -1.4911e-003 43492 -9.1124e-004 43493 -7.2621e-003 43494
-1.7438e-003 43495 1.7383e-004 43496 6.236e-004 43497 1.9628e-004 43498 1.9075e-005
43499 -1.2685e-004 43500 -1.6357e-004 43501 1.2181e-002 43502 -2.7818e-002 43503
4.4736e-002 43504 -0.20812 43505 0.13378 43506 1.0049e-003 43507 -4.0838e-002 43508
-6.434e-003 43509 -7.1723e-004 43510 9.465e-003 43511 -1.5899e-004 43512 -9.4071e-003
43513 -5.0357e-002 43514 -0.75656 43515 0.10347 43516 0.12217 43517 -0.22541 43518
3.301e-003 43519 6.9244e-003 43520 8.0556e-003 43521 3.8877e-004 43522 -3.2315e-003

43523 -1.5019e-003 43524 -1.1333e-003 43525 -1.3456e-003 43526 3.1133e-003 43527
-3.5187e-003 43528 -5.4706e-003 43529 -5.1609e-003 43530 -1.0382e-003 43531 -6.4846
43532 2.246 43533 7.6739 43534 -1.2137 43535 -1.8658 43536 -4.0714 43537 -0.95524 43538
-0.40625 43539 -3.8752e-002 43540 -8.1222e-003 43541 5.7492e-002 43542 -1.2592e-002
43543 -8.602e-002 43544 9.9448e-003 43545 -0.34391 43546 0.76758 43547 2.0563 43548
1.9272 43549 39.094 43550 229.15 43551 188.01 43552 131.98 43553 170.07 43554 556.18
43555 333.89 43556 601.59 43557 414.31 43558 363.43 43559 224.8 43560 114.78 43561
212.35 43562 302.79 43563 167.35 43564 -47.159 43565 381.05 43566 345.59 43567 164.28
43568 -12.001 43569 -32.919 43570 -0.68863 43571 -0.53963 43572 -1.4843 43573 -1.0037
43574 -2.7343 43575 -1.3397 43576 -1.0102 43577 -0.75543 43578 -0.65374 43579 -10.816
43580 -30.845 43581 -121.09 43582 -99.634 43583 -183.74 43584 -204.97 43585 -135.99
43586 -6.6136e-003 43587 5.5945e-002 43588 -2.3415e-002 43589 -3.1397e-002 43590
-1.8541e-002 43591 -1.4306e-002 43592 -0.69771 43593 -1.5107 43594 -1.7546 43595
-4.3542 43596 10.61 43597 1.9772 43598 1.3622 43599 10.178 43600 21.612 43601 9.4047
43602 2.8673 43603 0.19152 43604 -0.32396 43605 168.88 43606 125.4 43607 -38.288 43608
-25.416 43609 170.18 43610 51.279 43611 72.442 43612 -16.518 43613 -78.734 43614
-203.47 43615 -228.87 43616 -137.99 43617 -144.32 43618 -20.259 43619 -6.062 43620
74.252 43621 38.8 43622 245.56 43623 172.03 43624 211.21 43625 127.75 43626 174.18
43627 73.303 43628 39.048 43629 -72.663 43630 -21.585 43631 -98.52 43632 -148.62 43633
-185.98 43634 -127.85 43635 -123.25 43636 -30.053 43637 95.258 43638 145.63 43639
167.09 43640 69.829 43641 -0.47543 43642 97.111 43643 56.743 43644 598.46 43645 524.77
43646 525.61 43647 501.38 43648 396.67 43649 1.19 43650 6.1444 43651 -3.0718 43652
-2.927 43653 -5.3963 43654 0.75178 43655 5.1343 43656 -2.2483 43657 -0.87024 43658
-6.9147 43659 -4.2034 43660 7.3521 43661 -1.229 43662 -0.53865 43663 -0.17776 43664
-7.685e-002 43665 -5.2765e-002 43666 -0.38684 43667 -0.27836 43668 -0.44903 43669
3.5013 43670 7.6694 43671 5.8853 43672 4.2639 43673 4.6521 43674 2.7403 43675 -0.25148
43676 3.5289 43677 4.06 43678 -3.2841 43679 0.69661 43680 2.6107 43681 0.67805 43682
-2.7112 43683 -5.5289 43684 -4.3463 43685 6.9407 43686 4.409 43687 7.1906 43688 5.3125
43689 5.2566 43690 0.93645 43691 5.2248 43692 -0.65177 43693 -5.0149e-002 43694
-1.1284e-002 43695 -0.55983 43696 -0.22793 43697 -0.1638 43698 4.7379e-002 43699
-0.15432 43700 -0.31545 43701 -0.38278 43702 -0.16483 43703 62.059 43704 15.334 43705
16.825 43706 59.373 43707 31.819 43708 32.993 43709 30.745 43710 87.12 43711 66.904
43712 49.31 43713 11.403 43714 2.076 43715 -0.3668 43716 -1.3435 43717 -3.753 43718
94.05 43719 29.733 43720 41.42 43721 38.565 43722 -2.8048 43723 -4.1627 43724 -2.2276
43725 -3.8989 43726 -0.20028 43727 -1.5658 43728 1.3941 43729 11.393 43730 36.364
43731 48.686 43732 -3.4682 43733 -2.5603 43734 -3.8906 43735 -6.834 43736 -7.0044 43737
112.89 43738 108.46 43739 -1.2388 43740 -1.7114 43741 -1.0031 43742 -0.84136 43743
11.356 43744 13.533 43745 13.359 43746 13.502 43747 14.487 43748 12.723 43749 12.593
43750 -0.87418 43751 -0.82701 43752 -1.634 43753 433.88 43754 486.53 43755 -560.44
43756 -530.79 43757 530.34 43758 -459.64 43759 -405.06 43760 -115.66 43761 162.38 43762
389.06 43763 596.92 43764 505.65 43765 488.64 43766 342.62 43767 37.988 43768 -220.26
43769 -288.48 43770 531.51 43771 474.95 43772 -336.06 43773 -452.92 43774 433.6 43775
-358.74 43776 -203.76 43777 -72.483 43778 196.11 43779 396.78 43780 497.29 43781
-273.84 43782 78.943 43783 333.63 43784 308.17 43785 64.692 43786 -1.974e-004 43787
-1.4459e-003 43788 1.7349e-003 43789 1.1165e-003 43790 1.2364e-002 43791 2.5928e-003
43792 5.032e-004 43793 -3.3292e-003 43794 -4.6072e-003 43795 -1.3019e-002 43796 1.01e-
003 43797 1.5186e-003 43798 -4.2707e-004 43799 0.20157 43800 -5.2415e-002 43801
6.2753e-002 43802 3.8899e-003 43803 9.3804e-002 43804 5.7979e-002 43805 9.6128e-002
43806 -0.12103 43807 -3.6621e-003 43808 -2.1441e-003 43809 -0.18473 43810 -0.16859
43811 -3.8053e-002 43812 0.25691 43813 -3.2244 43814 -1.7962 43815 -1.3224 43816
3.6938e-004 43817 -9.9487e-003 43818 2.7198e-003 43819 -0.68548 43820 -0.4043 43821
-0.21106 43822 -6.7621e-002 43823 -0.10738 43824 -4.8252e-002 43825 -2.5851e-003 43826
6.0802e-002 43827 7.3368e-003 43828 5.2093e-004 43829 2.2254e-003 43830 5.2498e-003
43831 2.6174e-003 43832 1.4341e-003 43833 -1.9006e-002 43834 7.9402e-003 43835
9.0883e-003 43836 2.9742e-004 43837 -1.3877e-003 43838 -2.3946e-003 43839 9.8053e-004
43840 -0.1123 43841 0.22412 43842 -1.9689e-003 43843 -5.1637e-004 43844 3.1903e-004
43845 8.4622e-004 43846 3.2418e-003 43847 3.2914e-004 43848 9.0942e-005 43849

-2.5347e-004 43850 2.0764e-004 43851 4.8015e-003 43852 4.8443e-005 43853 1.0827e-003
43854 -5.5215e-004 43855 -7.088e-003 43856 3.4706e-004 43857 1.2633e-003 43858
9.5299e-004 43859 1.6026e-003 43860 -7.9901e-006 43861 9.9112e-002 43862 3.3123e-005
43863 -6.494e-004 43864 1.1026e-003 43865 -1.3497e-003 43866 7.387e-004 43867 0.18709
43868 -7.0061e-002 43869 5.4246e-002 43870 7.774e-004 43871 -2.7152e-004 43872
-1.3552e-006 43873 3.2119e-003 43874 -1.0876e-002 43875 4.1093e-003 43876 -4.6039e-004
43877 -1.8367e-003 43878 2.4219e-003 43879 1.5521e-003 43880 -9.3271e-004 43881
5.1313e-004 43882 -6.232e-004 43883 3.4697e-004 43884 2.1354e-005 43885 6.3037e-004
43886 -1.4387e-004 43887 1.128e-003 43888 -3.9656e-002 43889 1.6462e-004 43890
1.5793e-004 43891 9.0914e-005 43892 1.2113e-004 43893 -1.7668e-002 43894 -1.6805e-002
43895 -9.554e-003 43896 1.6599e-003 43897 1.8478e-004 43898 3.7064e-004 43899
-0.58333 43900 7.2918e-002 43901 6.6997e-003 43902 -1.0685e-003 43903 -4.066e-003
43904 -3.9665e-004 43905 1.0272e-003 43906 -4.4845e-004 43907 2.21e-004 43908
-9.8322e-003 43909 5.7075e-002 43910 -0.16978 43911 0.91662 43912 -0.14872 43913
-0.14153 43914 8.1142e-005 43915 -8.2439e-003 43916 -2.9643e-002 43917 -0.18136 43918
-2.2333e-002 43919 6.5151e-003 43920 -4.1367e-002 43921 -0.11114 43922 3.8785e-002
43923 5.9736e-002 43924 -1.5689e-002 43925 1.401e-002 43926 -0.14446 43927 -0.28872
43928 -0.25509 43929 7.1074 43930 8.0182 43931 15.69 43932 -0.81033 43933 -0.53313
43934 23.578 43935 4.5401e-002 43936 0.20167 43937 1.3848 43938 3.1456 43939 7.4346
43940 18.016 43941 17.291 43942 -6.4689 43943 78.779 43944 -50.524 43945 124.09 43946
145.72 43947 202.08 43948 166.35 43949 158.8 43950 126.76 43951 39.599 43952 -3.0217
43953 -45.849 43954 -75.559 43955 -145.21 43956 -194.74 43957 -224.06 43958 -253.92
43959 -211.33 43960 -182.1 43961 -213.85 43962 -185.79 43963 -145.28 43964 -106.91 43965
-0.63843 43966 7.7073 43967 15.508 43968 -0.45867 43969 12.905 43970 8.28 43971 3.4238
43972 1.2026 43973 0.41354 43974 0.11493 43975 30.396 43976 -7.9854 43977 -64.61 43978
118.64 43979 -119.65 43980 -173.96 43981 -196.72 43982 -176.05 43983 -185.87 43984
-211.25 43985 -217.87 43986 -181.12 43987 -147.19 43988 -116.38 43989 -93.633 43990
-53.827 43991 2.0043 43992 48.402 43993 101.26 43994 117.39 43995 174.6 43996 187.69
43997 234.34 43998 143.29 43999 106.3 44000 -2.2076 44001 0.11047 44002 1.7483 44003
12.796 44004 33.251 44005 5.2372 44006 98.358 44007 -2.0242 44008 52.108 44009 15.724
44010 2.6296 44011 0.51698 44012 7.4389 44013 62.685 44014 135.17 44015 75.862 44016
224.51 44017 46.504 44018 -0.22947 44019 -2.4399 44020 -0.27894 44021 -0.6767 44022
-0.24523 44023 -231.1 44024 -244.15 44025 -159.27 44026 -23.749 44027 201.64 44028
294.43 44029 25.049 44030 -3.4353 44031 -41.658 44032 16.698 44033 206.64 44034 300.76
44035 24.698 44036 -3.5278 44037 -66.904 44038 210.54 44039 217.32 44040 -300.25 44041
-86.688 44042 -230.8 44043 181.08 44044 421.93 44045 453.32 44046 171.56 44047 -1.1295
44048 318.59 44049 458.78 44050 462.42 44051 -0.98123 44052 142.83 44053 29.597 44054
301.74 44055 547.13 44056 441.7 44057 69.044 44058 -0.51979 44059 -0.80653 44060
1.1529 44061 1.441 44062 1.1027 44063 0.7544 44064 -0.26232 44065 -0.31456 44066
-0.44527 44067 -0.38348 44068 -0.46336 44069 4.0706 44070 14.616 44071 11.806 44072
6.4154 44073 -0.64198 44074 -1.4361 44075 -1.7697 44076 -1.7738 44077 -1.3032 44078
0.36832 44079 0.91197 44080 0.88067 44081 3.3856 44082 3.7844 44083 3.1107 44084
1.6687 44085 -0.62484 44086 -0.83376 44087 -1.0773 44088 -1.0073 44089 -0.89102 44090
-0.90916 44091 -2.341 44092 -1.8756 44093 -2.2698 44094 -1.6663 44095 -19.612 44096
-0.52238 44097 -11.197 44098 -3.7071 44099 -1.0519 44100 -10.146 44101 -6.8119 44102
-18.008 44103 -0.51029 44104 -8.0657 44105 -12.903 44106 -1.9703 44107 -4.3578 44108
47.572 44109 98.699 44110 143.78 44111 37.406 44112 -2.1754 44113 162.4 44114 8.688e-
002 44115 -4.8584e-003 44116 1.3613e-002 44117 0.35828 44118 -6.3618e-004 44119
-7.9216e-003 44120 -2.5096e-003 44121 8.0356e-003 44122 1.6866e-002 44123 1.7553
44124 -1.0315e-003 44125 -0.455 44126 5.5651e-003 44127 1.7793e-003 44128 -4.2312e-003
44129 -0.9291 44130 -0.67114 44131 -5.6488e-003 44132 4.7037e-003 44133 0.53306 44134
-2.6306 44135 -2.5729 44136 -1.7601 44137 -0.29203 44138 -5.0004e-002 44139 -1.458
44140 0.54519 44141 0.60362 44142 2.554e-002 44143 0.12605 44144 -6.5144 44145 -31.254
44146 -5.5448 44147 -3.8048 44148 -4.2826 44149 -2.5191 44150 -2.7823 44151 -20.505
44152 -27.409 44153 -428.11 44154 -581.65 44155 -458.18 44156 -377.47 44157 -438.91
44158 -452.37 44159 -469.72 44160 -592.34 44161 -571.02 44162 -1.2369 44163 -1.2321
44164 0.74992 44165 7.0341 44166 -5.9486e-003 44167 -1.2145e-002 44168 8.8194e-002

44169 1.2861e-002 44170 6.4251e-002 44171 1.068 44172 -2.5163 44173 -20.433 44174
1.1908 44175 4.5623 44176 -10.26 44177 4.1708e-003 44178 -0.54539 44179 -0.23788 44180
10.557 44181 -0.16919 44182 86.453 44183 -1.7895 44184 1.2845e-002 44185 1.5639 44186
-121.87 44187 69.186 44188 102.98 44189 -52.372 44190 -5.2906e-003 44191 -165.53 44192
2.7103 44193 9.4998 44194 -8.3182 44195 0.43013 44196 4.6841e-004 44197 2.2598e-003
44198 -1.6497 44199 -17.648 44200 -0.44658 44201 0.12461 44202 -122.73 44203 15.279
44204 -107.31 44205 -1.7113e-002 44206 -0.39491 44207 2.2808 44208 -116.56 44209
-1.6659e-003 44210 -2.4084 44211 -4.3685 44212 -15.579 44213 -27.911 44214 -68.892 44215
0.24125 44216 4.1694e-003 44217 1.2577 44218 -2.8311 44219 36.573 44220 18.851 44221
-1.3936e-003 44222 3.2078e-003 44223 -1.7011 44224 -2.0809 44225 -1.7201 44226 34.989
44227 15.635 44228 -39.977 44229 -85.74 44230 -172.04 44231 -55.587 44232 49.393 44233
0.24335 44234 -1.8288 44235 19.679 44236 -3.2669 44237 -29.271 44238 -185. 44239
-0.17188 44240 -0.25762 44241 -0.34376 44242 -1.2214 44243 2.9406 44244 -138.32 44245
-0.75652 44246 105.46 44247 167.97 44248 -1.4367 44249 -2.2325 44250 43.819 44251
140.84 44252 -7.6352 44253 -72.453 44254 45.248 44255 -0.4274 44256 -4.8821e-002 44257
8.6132e-002 44258 -1.6282e-004 44259 -0.1602 44260 3.3036 44261 20.146 44262 -317.36
44263 2.5037e-002 44264 -72.034 44265 15.231 44266 -0.2214 44267 1.1858e-002 44268
0.24129 44269 132.12 44270 -0.2066 44271 -0.3842 44272 129.44 44273 -7.6067e-004 44274
6.3324 44275 -1.8413 44276 1.4193e-002 44277 43.324 44278 -0.47017 44279 -6.5433e-002
44280 -0.24284 44281 -5.5708e-003 44282 1.5145e-003 44283 236.46 44284 29.97 44285
-115.38 44286 -0.61103 44287 5.8414e-003 44288 0.96214 44289 -72.349 44290 5.0507e-003
44291 -5.5796 44292 2.2777e-003 44293 -8.8167e-005 44294 91.406 44295 71.003 44296
-2.1158e-002 44297 -77.586 44298 23.114 44299 -1.4449e-003 44300 56.714 44301 0.18178
44302 -1.9511 44303 -5.0821e-003 44304 151.02 44305 -6.8579e-004 44306 3.1571e-003
44307 0.10332 44308 24.934 44309 -7.867e-004 44310 -2.9994e-003 44311 15.258 44312
19.838 44313 141.3 44314 419.02 44315 -2.8324e-002 44316 -0.25389 44317 -4.167e-003
44318 -1.0715 44319 115.28 44320 75.862 44321 135.4 44322 51.895 44323 35.679 44324
-87.913 44325 0.82468 44326 -1.4236 44327 378.29 44328 -6.2267e-002 44329 28.582 44330
250.02 44331 -3.4008e-003 44332 -4.8003e-003 44333 -7.7516e-004 44334 59.044 44335
-77.806 44336 -8.0238e-003 44337 -2.7208e-003 44338 1.4939e-002 44339 -1.893 44340
-5.9839 44341 -2.3357 44342 -7.8112 44343 6.1123 44344 61.067 44345 3.6011 44346
-0.54746 44347 -1.7034 44348 -0.63196 44349 26.329 44350 -2.7155 44351 -0.15475 44352
-1.2824 44353 -177.12 44354 -2.5823 44355 -22.246 44356 -24.921 44357 -170.94 44358
-3.428 44359 -5.3017 44360 -2.6473 44361 9.1431 44362 -126.66 44363 -4.018 44364 -38.486
44365 12.166 44366 58.044 44367 0.84325 44368 2.5883e-003 44369 0.99943 44370 41.413
44371 342.34 44372 -61.958 44373 -7.2686e-003 44374 -1.3517e-004 44375 339.85 44376
86.351 44377 -309.85 44378 -201.19 44379 -1.0111 44380 -22.43 44381 -51.885 44382
-46.363 44383 47.926 44384 98.663 44385 -1.0328e-003 44386 -0.75012 44387 -1.5934 44388
0.31678 44389 -3.3894 44390 -0.44523 44391 -5.1326e-002 44392 293.14 44393 65.302
44394 -74.934 44395 1.0449 44396 50.14 44397 -134.56 44398 1.907 44399 132.69 44400
1.4467e-002 44401 11.365 44402 59.42 44403 -8.3096 44404 72.106 44405 -2.7091 44406
73.892 44407 -8.364 44408 38.351 44409 -0.26571 44410 -174.9 44411 -115.41 44412 9.524
44413 -45.027 44414 -113.1 44415 -59.351 44416 -2.7308 44417 -6.2654 44418 1.6773 44419
17.898 44420 -165.04 44421 0.80593 44422 2.7633 44423 37.746 44424 -104.24 44425
0.31028 44426 17.871 44427 2.5465 44428 -0.46833 44429 0.16072 44430 37.964 44431
44.779 44432 -114.69 44433 -24.568 44434 -1.0106e-003 44435 -2.3427e-003 44436
-2.6686e-002 44437 23.701 44438 -14.742 44439 -8.625e-002 44440 132.54 44441 -0.19872
44442 -2.47e-003 44443 7.7271 44444 -0.11969 44445 1.9543e-003 44446 405.76 44447
-231.66 44448 -0.32305 44449 1.4041e-002 44450 62.474 44451 6.6627e-003 44452 -8.3816
44453 -4.9768e-002 44454 -3.4931 44455 -1.5595 44456 -2.1991e-002 44457 -8.3747 44458
16.537 44459 -1.8667 44460 -0.11546 44461 0.29442 44462 135.45 44463 1.3495 44464
220.62 44465 144.04 44466 3.171e-002 44467 2.0271 44468 3.8506 44469 -40.952 44470
310.44 44471 1.2235 44472 1.7558 44473 -0.52455 44474 1.1978e-003 44475 -2.3671 44476
-2.364 44477 -253.16 44478 2.6193 44479 -1.8963 44480 -1.3166 44481 -2.2033 44482
0.18367 44483 -41.955 44484 0.89988 44485 1.9911e-004 44486 -24.138 44487 67.453 44488
305.36 44489 -1.9913 44490 18.135 44491 -0.55973 44492 -3.3466e-003 44493 -113.66 44494
1.4925 44495 -74.984 44496 121.62 44497 -173.24 44498 -122.41 44499 -4.7853e-002 44500

7.8237e-002 44501 -2.2521 44502 -246.88 44503 71.901 44504 258.05 44505 46.904 44506
-0.88849 44507 0.46356 44508 0.14085 44509 -7.5714e-003 44510 3.2597 44511 -0.27069
44512 -89.22 44513 32.759 44514 0.12954 44515 151.86 44516 1.8761e-002 44517 109.71
44518 103.21 44519 4.4023e-003 44520 11.723 44521 382.53 44522 1.1708e-002 44523
52.521 44524 0.37633 44525 -6.5707e-002 44526 157.71 44527 0.48107 44528 19.444 44529
-1.8506 44530 -0.98441 44531 103.62 44532 -15.211 44533 0.45594 44534 0.26696 44535
-10.818 44536 183.45 44537 -4.9995 44538 116.13 44539 0.24106 44540 -2.1373 44541
3.9733 44542 0.37276 44543 2.7132 44544 1.4834e-002 44545 -3.0934e-004 44546 -0.40681
44547 -1.243 44548 -7.1761e-004 44549 -10.151 44550 -2.9355 44551 -5.5474e-002 44552
1.0503 44553 -2.0037e-003 44554 -4.7498e-006 44555 -4.0377e-004 44556 -2.8265e-004
44557 1.2456e-005 44558 4.3436e-002 44559 7.5316e-004 44560 1.1347e-003 44561 9.545e-
005 44562 1.895e-004 44563 2.2411e-003 44564 1.9028e-003 44565 1.4553e-003 44566
4.3736e-003 44567 3.6764e-003 44568 8.7586e-004 44569 3.8999e-004 44570 2.2512e-004
44571 4.8236e-004 44572 8.6588e-003 44573 3.0083e-003 44574 -4.7101e-004 44575
-1.1709e-004 44576 -1.33e-004 44577 -1.887e-004 44578 2.9639e-004 44579 1.6836e-004
44580 1.8347e-004 44581 -1.9519e-004 44582 2.4748e-003 44583 -1.3768e-003 44584
-3.8239e-004 44585 -0.15504 44586 -2.2698e-003 44587 -0.2639 44588 -1.1726e-002 44589
-7.6694e-003 44590 4.574e-004 44591 9.626e-003 44592 -6.9043e-003 44593 -0.52059 44594
-1.4715e-003 44595 -4.3645e-003 44596 -0.30847 44597 1.835e-003 44598 -1.091e-006
44599 6.6594e-003 44600 1.8502e-004 44601 -1.4713e-003 44602 -3.4052e-003 44603
-2.7508e-002 44604 1.2815e-003 44605 8.4653e-004 44606 1.5281e-004 44607 1.4947e-004
44608 -4.4527e-004 44609 -2.4705e-003 44610 9.451e-003 44611 -6.7561e-005 44612
-5.2315e-004 44613 -1.8725e-004 44614 5.1651e-005 44615 -1.2437e-003 44616 -2.8133e-
003 44617 -3.765e-004 44618 -5.0534e-004 44619 -0.74014 44620 -5.2395e-002 44621
-5.398e-003 44622 4.1533e-003 44623 -0.1965 44624 3.5444e-003 44625 -1.2188e-003 44626
1.1026e-002 44627 7.5506e-003 44628 -6.7763e-003 44629 4.8182e-003 44630 3.2174e-003
44631 2.021e-003 44632 1.2612e-003 44633 7.2056e-004 44634 1.0251e-003 44635 7.5165e-
003 44636 -3.2509e-003 44637 9.4408e-004 44638 2.8684e-003 44639 2.1212e-003 44640
2.0709e-003 44641 1.6677e-003 44642 -8.7194e-004 44643 -2.4035e-003 44644 -1.0881e-003
44645 8.7905e-003 44646 -4.2955 44647 8.4139e-003 44648 1.3575e-002 44649 -5.1289
44650 7.2536e-003 44651 1.0859e-002 44652 1.2525e-002 44653 8.0414e-003 44654 0.277
44655 -0.60797 44656 6.6849e-003 44657 -1.8767 44658 7.3806e-003 44659 -1.6158e-002
44660 -4.5656 44661 -1.6143e-002 44662 3.1399e-002 44663 -1.5552e-002 44664 0.2708
44665 -8.0318e-002 44666 0.19244 44667 0.24481 44668 0.13441 44669 -3.9802 44670
-5.5237 44671 0.10193 44672 0.13539 44673 9.2029e-002 44674 -0.22872 44675 -2.0095e-
002 44676 0.25406 44677 0.98477 44678 -0.10551 44679 -7.0397e-002 44680 1.5039e-002
44681 -7.824e-003 44682 -0.24233 44683 7.6059e-002 44684 -7.3596e-003 44685 -6.2189
44686 5.3297e-002 44687 -8.5177 44688 0.58635 44689 5.7279e-002 44690 5.5812e-002
44691 0.35983 44692 -3.6025 44693 2.0403e-002 44694 -7.551e-002 44695 -0.33215 44696
-4.0208e-003 44697 -0.50503 44698 -0.346 44699 -4.184e-002 44700 9.3002e-002 44701
8.0052e-002 44702 8.6297e-002 44703 0.11896 44704 1.4247e-002 44705 4.7304e-003 44706
0.20455 44707 -0.17204 44708 -5.7198e-003 44709 6.4532e-002 44710 7.076e-003 44711
3.3597e-003 44712 1.0317e-003 44713 -2.5599e-004 44714 4.6802e-003 44715 5.8096e-004
44716 7.7587e-003 44717 1.6395e-003 44718 7.683e-003 44719 -14.093 44720 -10.888 44721
-9.9473 44722 -15.183 44723 -5.1109 44724 -4.7821 44725 -9.916e-002 44726 -0.80595
44727 -4.7027 44728 -5.1369 44729 -3.3908 44730 -0.15234 44731 -0.30674 44732 -0.13124
44733 -5.9018e-002 44734 -6.0588e-002 44735 -7.1107e-002 44736 -6.8759e-002 44737
-9.0617e-002 44738 -2.2039 44739 -9.4453 44740 -7.6201 44741 -9.9047 44742 -9.379 44743
-4.3084 44744 -4.9244 44745 4.643 44746 -2.9243 44747 -3.3395 44748 -6.7576 44749
-5.2906 44750 -5.2971 44751 -6.8495 44752 -3.4475 44753 -4.3383 44754 -4.6114 44755
-0.80097 44756 -2.5914 44757 -0.94507 44758 -2.5979 44759 -1.2703 44760 -0.73755 44761
-1.6925 44762 -0.27353 44763 -0.13329 44764 -0.25397 44765 -5.7786e-002 44766 -5.9386e-
002 44767 -0.11712 44768 -0.12989 44769 -0.13243 44770 -0.20078 44771 -5.7672e-002
44772 -5.8533e-002 44773 -8.0828e-002 44774 -0.17783 44775 -0.3212 44776 -0.17347
44777 -0.18074 44778 -8.3396e-002 44779 -0.16585 44780 -0.10967 44781 -0.73924 44782
-0.62345 44783 -0.52541 44784 -0.81458 44785 -0.82952 44786 -1.6557 44787 -1.354 44788
-0.51439 44789 -0.52252 44790 -0.8368 44791 -0.54648 44792 -1.3006 44793 -0.37057 44794

-0.15385 44795 -0.46085 44796 -0.41315 44797 -0.16098 44798 -1.3227 44799 -1.0899 44800
-0.10805 44801 -0.13963 44802 -0.15493 44803 -0.15616 44804 -0.17988 44805 -0.13694
44806 -0.1279 44807 -0.2068 44808 -3.7925e-002 44809 -4.5468e-002 44810 -8.9483e-002
44811 -7.1242e-002 44812 -4.0504e-002 44813 -0.16788 44814 -0.15443 44815 -0.20043
44816 -7.3205e-002 44817 -7.1997e-002 44818 -0.17619 44819 -9.7771e-002 44820 -13.041
44821 -5.4282 44822 -12.614 44823 -9.8437 44824 -5.3099 44825 -1.972 44826 3.9367 44827
2.1265 44828 -5.5468 44829 -0.9168 44830 -1.0237 44831 -1.8496 44832 -1.0239 44833
-1.7539 44834 -0.76598 44835 -1.261 44836 -2.8619 44837 -4.157 44838 -6.792 44839 -7.109
44840 -5.255 44841 -3.0327 44842 -4.4917 44843 -3.6976 44844 -2.2797 44845 -7.8003
44846 -11.883 44847 -8.1172 44848 -10.536 44849 -3.9052 44850 -4.0803 44851 -3.0708
44852 -2.7747 44853 -3.9925 44854 -5.0096 44855 17.709 44856 -13.01 44857 -18.795 44858
18.686 44859 -4.2221 44860 -5.5643 44861 13.187 44862 -5.4053 44863 -5.1771 44864
13.773 44865 -3.5012 44866 -7.9167 44867 -11.473 44868 0.44703 44869 -4.0266 44870
4.0535 44871 -3.6394 44872 15.311 44873 -3.4916 44874 -3.4415 44875 9.5481 44876
-13.907 44877 -13.819 44878 -8.6122 44879 26.316 44880 -7.438 44881 1.4453 44882 62.219
44883 -6.4217 44884 -14.993 44885 -14.859 44886 65.542 44887 12.356 44888 -6.5745 44889
-5.972 44890 -7.5512 44891 61.378 44892 -6.1152 44893 45.463 44894 66.535 44895 -2.0037
44896 -10.544 44897 -6.1183 44898 -2.1219 44899 69.858 44900 79.169 44901 -2.2587 44902
-1.6563 44903 41.195 44904 -1.9403 44905 -1.5061 44906 -1.9014 44907 -7.4235 44908
-6.4508 44909 1.6727 44910 -2.2166 44911 3.3973 44912 -1.0424 44913 -1.2063 44914
-1.6928 44915 -1.6405 44916 7.8409 44917 3.8171e-002 44918 -1.236e-002 44919 -1.8527e-
002 44920 0.52516 44921 5.3486e-002 44922 2.029e-002 44923 3.7286e-002 44924 0.62346
44925 0.48732 44926 0.58097 44927 1.4021 44928 0.1093 44929 -3.9776e-002 44930
0.54977 44931 0.6938 44932 0.50728 44933 1.3284 44934 -2.75e-002 44935 0.70743 44936
0.53827 44937 0.5209 44938 1.3421 44939 1.9122 44940 -4.293e-002 44941 0.53692 44942
0.36277 44943 0.51955 44944 0.6144 44945 1.9109 44946 -5.2267e-003 44947 0.34869
44948 0.15566 44949 0.50548 44950 0.60033 44951 2.1525e-002 44952 -0.10788 44953
0.20744 44954 0.55726 44955 0.65211 44956 -0.10553 44957 6.9022e-003 44958 -0.13291
44959 -0.15903 44960 0.53223 44961 -0.13056 44962 2.6397e-002 44963 -0.14862 44964
-0.21398 44965 0.54263 44966 -0.21464 44967 -0.12015 44968 2.3019e-002 44969 -0.20489
44970 -0.174 44971 0.55172 44972 -0.20555 44973 1.7373e-003 44974 -0.18646 44975
-0.2264 44976 0.53926 44977 -0.21801 44978 6.7584e-002 44979 -1.3245e-002 44980
-0.26343 44981 -0.23522 44982 0.53044 44983 5.8768e-002 44984 3.3033e-002 44985 2.2062
44986 4.7435e-002 44987 0.10711 44988 0.10474 44989 -3.21 44990 -1.7429 44991 0.10808
44992 0.10424 44993 0.10772 44994 -0.29922 44995 0.11086 44996 0.10009 44997 -0.79069
44998 0.10518 44999 -1.0638 45000 0.11128 45001 0.1199 45002 0.71581 45003 0.10465
45004 -8.0722e-002 45005 -0.2696 45006 0.43063 45007 5.2601e-002 45008 2.0311 45009
-0.33091 45010 -0.47428 45011 0.36932 45012 -8.7094e-003 45013 0.54074 45014 33.841
45015 -1.212 45016 2.1056 45017 2.1058 45018 4.1374 45019 2.5424 45020 -2.9708 45021
2.0997 45022 1.4837 45023 1.2074 45024 11.051 45025 3.4838 45026 2.118 45027 2.7139
45028 100.31 45029 33.775 45030 39.048 45031 31.121 45032 31.123 45033 32.335 45034
34.021 45035 26.609 45036 74.966 45037 66.333 45038 74.915 45039 40.688 45040 33.121
45041 40.008 45042 142.05 45043 37.601 45044 33.726 45045 99.867 45046 60.054 45047
75.874 45048 74.469 45049 140.46 45050 149.77 45051 67.95 45052 68.941 45053 111.79
45054 120.06 45055 73.328 45056 76.835 45057 136.29 45058 147.42 45059 33.106 45060
29.689 45061 37.204 45062 34.509 45063 31.676 45064 34.818 45065 82.792 45066 36.051
45067 32.441 45068 28.511 45069 31.723 45070 80.632 45071 36.063 45072 40.236 45073
99.026 45074 30.376 45075 83.111 45076 28.801 45077 2.0188 45078 1.8017 45079 1.7863
45080 -1.9114 45081 1.7999 45082 1.7122 45083 5.0123 45084 2.2606 45085 1.8086 45086
5.3216 45087 1.6071 45088 0.38902 45089 1.6939 45090 1.8117 45091 10.74 45092 2.8181
45093 3.1142 45094 1.8964 45095 0.87929 45096 6.6173e-002 45097 0.21129 45098 -0.86664
45099 -3.5017 45100 0.21894 45101 -0.10678 45102 0.67019 45103 0.25765 45104 0.21822
45105 0.21123 45106 0.21629 45107 -1.2014 45108 0.22123 45109 -0.40728 45110 -0.36673
45111 -0.13341 45112 -0.40301 45113 -1.2289 45114 -0.46902 45115 -0.86608 45116 -1.1332
45117 -0.14525 45118 -0.15101 45119 -0.15411 45120 -0.14595 45121 -0.10497 45122
-1.3316 45123 -0.64024 45124 -0.76952 45125 -0.43712 45126 -0.93675 45127 -1.1035 45128
-1.1565 45129 -0.22477 45130 -0.1746 45131 -1.2592 45132 -1.0787 45133 -0.39058 45134

-0.17563 45135 -0.2988 45136 -1.9327 45137 -1.5424 45138 -0.59376 45139 -1.4022 45140
-1.3203 45141 -0.7109 45142 -0.32106 45143 -0.52712 45144 -1.5856 45145 -1.1033 45146
-1.1053 45147 -1.3889 45148 -1.1562 45149 -1.3533 45150 -0.17433 45151 -0.21199 45152
-0.22121 45153 -1.9324 45154 -1.5421 45155 -1.573 45156 -0.9982 45157 -1.3201 45158
-0.24616 45159 -0.15925 45160 -0.30335 45161 -0.3964 45162 -0.11214 45163 -0.98954
45164 -0.75424 45165 -9.6208e-002 45166 -7.0513e-002 45167 -0.92751 45168 -0.9532
45169 -0.18858 45170 -0.31634 45171 -0.13536 45172 -0.41862 45173 -1.4263 45174 -0.1283
45175 -1.4572 45176 -0.3368 45177 -0.88241 45178 -0.11363 45179 -1.0508 45180 -5.6975e-
002 45181 -1.9036 45182 -0.25733 45183 -5.642e-002 45184 -5.823e-002 45185 -5.399e-002
45186 -0.45988 45187 -0.70822 45188 -0.58257 45189 -4.9808e-002 45190 -2.4489e-002
45191 -1.2245 45192 -5.3283e-002 45193 -6.761e-002 45194 -5.6016e-002 45195 -1.0048
45196 -5.7616e-002 45197 9.3294e-005 45198 1.6655e-004 45199 -7.1972e-005 45200
2.2962e-004 45201 -3.1715e-004 45202 9.0893e-004 45203 5.4646e-004 45204 2.7567e-004
45205 -2.3587e-003 45206 -1.1299e-003 45207 -7.4358e-006 45208 -1.1251e-004 45209
-1.2345e-005 45210 9.058e-007 45211 6.6187e-006 45212 -8.4704e-005 45213 -1.0162e-004
45214 9.6637e-005 45215 9.3256e-004 45216 1.1063e-003 45217 4.0967e-004 45218
-2.2358e-003 45219 6.226e-004 45220 1.5395e-003 45221 2.0939e-003 45222 2.5851e-003
45223 2.2754e-003 45224 -1.9012e-004 45225 2.0456e-004 45226 3.6948e-003 45227 -3.91e-
002 45228 -1.6153e-002 45229 1.0493e-003 45230 1.0448e-002 45231 4.451e-003 45232
3.2819e-003 45233 -4.2901e-003 45234 -9.8955e-003 45235 1.1683e-002 45236 -0.10361
45237 -0.12435 45238 -8.2947e-002 45239 -0.1014 45240 -0.28313 45241 -0.18651 45242
-0.13714 45243 -9.5146e-002 45244 6.6226e-002 45245 0.1054 45246 -3.2274e-002 45247
4.0523e-002 45248 7.3292e-002 45249 -2.7408e-002 45250 -4.7287e-002 45251 5.5959e-002
45252 9.7291e-002 45253 -0.12054 45254 0.23241 45255 9.5054e-002 45256 0.24454 45257
-4.3127e-002 45258 0.12782 45259 8.9923e-002 45260 0.109 45261 0.18156 45262 6.8403e-
002 45263 -1.2606 45264 -0.73331 45265 -0.94501 45266 -0.89455 45267 -1.021 45268
-1.815 45269 -1.5781 45270 -1.1896 45271 -0.79524 45272 -3.7067 45273 -2.609e-002 45274
-1.8646e-002 45275 -1.8838e-002 45276 -4.4633e-003 45277 8.1532e-003 45278 3.9847e-002
45279 1.1846e-002 45280 8.0854e-003 45281 7.4216e-002 45282 1.5561e-002 45283
-1.3818e-002 45284 1.1211e-002 45285 2.0556e-002 45286 5.5678e-004 45287 4.5842e-002
45288 -6.9831e-002 45289 -0.18299 45290 -1.6668e-002 45291 5.3585e-002 45292 -1.4928e-
003 45293 -4.5545e-003 45294 -1.4523e-003 45295 -1.3629e-003 45296 4.7909e-003 45297
-2.9641e-003 45298 -3.6031e-003 45299 -7.8092e-003 45300 -3.2235e-004 45301 -2.0768e-
003 45302 1.3027e-002 45303 -1.5255e-003 45304 -2.0384e-003 45305 -1.2873e-003 45306
-1.5009e-003 45307 -4.3344e-003 45308 -8.3979e-004 45309 -1.4952e-003 45310 4.8632e-
004 45311 -1.9794e-003 45312 1.3216e-003 45313 6.0576e-005 45314 1.0344e-003 45315
1.0661e-004 45316 -1.0704e-004 45317 4.3923e-005 45318 8.2099e-004 45319 -3.6064e-004
45320 -4.7882e-005 45321 -3.391e-004 45322 7.2643e-004 45323 1.3878e-003 45324
-5.3946e-004 45325 4.6001e-004 45326 1.0047e-003 45327 8.496e-004 45328 3.691e-004
45329 -3.4934e-004 45330 -1.322e-004 45331 1.9179e-003 45332 -1.8347e-003 45333
1.9792e-003 45334 -4.5531e-003 45335 -1.794e-003 45336 -7.5752e-004 45337 -1.1982e-003
45338 -4.4661e-003 45339 1.1596e-002 45340 -3.7075e-003 45341 -4.934e-003 45342
1.2791e-003 45343 1.3387e-003 45344 3.3956e-003 45345 6.0561e-004 45346 3.87e-005
45347 -3.1367e-003 45348 -7.0298e-004 45349 9.8459e-004 45350 4.5024e-004 45351
2.0728e-003 45352 -3.14e-003 45353 3.3965e-004 45354 7.8639e-003 45355 7.0905e-003
45356 7.1249e-003 45357 6.2336e-003 45358 6.5236e-003 45359 1.0949e-002 45360
1.1523e-002 45361 1.2908e-002 45362 5.2788e-003 45363 2.5616e-004 45364 3.6385e-004
45365 8.9139e-004 45366 -4.1953e-004 45367 3.7762e-004 45368 7.5945e-004 45369
-6.1484e-004 45370 2.3028e-003 45371 -2.3229e-003 45372 -1.8654e-003 45373 -8.1639e-
004 45374 2.8671e-003 45375 1.1451e-003 45376 1.1704e-003 45377 1.5562e-003 45378
3.4903e-003 45379 1.1218e-003 45380 8.6165e-003 45381 1.192e-003 45382 -2.0728e-004
45383 -1.069e-003 45384 -1.3373e-004 45385 1.6786e-004 45386 -1.0438e-003 45387
2.3131e-004 45388 6.9675e-004 45389 2.1391e-004 45390 5.7862e-004 45391 -1.0222e-003
45392 2.3998e-004 45393 -3.0678e-004 45394 6.0313e-004 45395 6.1581e-004 45396
-2.3483e-003 45397 -5.1611e-006 45398 5.0202e-006 45399 -8.6303e-005 45400 1.2044e-005
45401 9.5038e-005 45402 1.1604e-006 45403 -1.2105e-003 45404 -8.6186e-004 45405
-2.5893e-004 45406 4.7211e-005 45407 4.1192e-004 45408 -1.1889e-003 45409 -4.0338e-003

45410 -3.6479e-003 45411 -8.4483e-003 45412 -5.0432e-003 45413 -7.1322e-003 45414
3.4124e-003 45415 -4.0121e-003 45416 1.838e-004 45417 -5.9958e-004 45418 -7.0752e-004
45419 1.3044e-004 45420 7.8626e-005 45421 -7.9489e-004 45422 -2.503e-003 45423
-2.0455e-003 45424 1.3914e-004 45425 4.291e-004 45426 1.6607e-003 45427 4.1836e-004
45428 6.8136e-003 45429 -8.157e-004 45430 3.8879e-004 45431 -2.7866e-003 45432
2.4504e-003 45433 6.1422e-004 45434 -7.5582e-003 45435 8.0033e-004 45436 2.4229e-003
45437 -2.7899e-003 45438 -7.9106e-004 45439 1.9681e-003 45440 -1.937e-003 45441
3.6699e-003 45442 6.1898e-003 45443 -1.1719e-003 45444 5.0412e-003 45445 -5.5922e-004
45446 -5.1854e-004 45447 4.4025e-004 45448 5.2682e-004 45449 4.139e-004 45450
5.3865e-004 45451 -3.691e-004 45452 -1.5196e-004 45453 2.5545e-003 45454 1.2779e-004
45455 3.5268e-004 45456 -8.5861e-005 45457 4.0198e-005 45458 2.9744e-004 45459
-3.3946e-004 45460 -2.6707e-005 45461 -3.1793e-004 45462 -1.6591e-004 45463 -3.7957e-
004 45464 -6.1347e-004 45465 1.6077e-003 45466 2.443e-003 45467 -2.5672e-004 45468
5.8971e-003 45469 1.7606e-004 45470 -1.1117e-003 45471 7.8386e-004 45472 7.1853e-003
45473 -1.2814e-002 45474 9.464e-002 45475 4.3525e-003 45476 -1.9588e-002 45477
-3.0039e-002 45478 4.0214e-002 45479 -6.3627e-002 45480 -4.9445e-002 45481 -1.3168e-
002 45482 -7.0566e-002 45483 9.2357e-004 45484 -3.6896e-002 45485 2.9235e-002 45486
-0.32128 45487 -0.4477 45488 -0.41801 45489 -0.41441 45490 -0.61634 45491 -0.22197
45492 -3.1334 45493 -0.11186 45494 6.7419e-002 45495 0.23837 45496 0.19087 45497
0.20135 45498 0.29211 45499 0.17895 45500 2.8213e-002 45501 -3.8174e-002 45502
-7.2487e-002 45503 -1.0139e-002 45504 -5.3498e-002 45505 -4.6521e-002 45506 5.2212e-
002 45507 -0.16562 45508 -2.4592e-002 45509 -2.2127e-002 45510 -4.3049e-002 45511
-4.2457e-002 45512 -0.10752 45513 -3.6791e-002 45514 0.12458 45515 0.16375 45516
-2.4481e-002 45517 -7.2788e-003 45518 2.3061e-002 45519 -2.0071e-003 45520 -1.2618e-
002 45521 3.3553e-003 45522 -3.2657e-003 45523 -4.0727e-004 45524 3.4005e-004 45525
-2.7288e-004 45526 6.1846e-005 45527 -2.694e-003 45528 1.5552e-003 45529 -6.7683e-004
45530 -6.4674e-004 45531 -1.0863e-003 45532 -6.6594e-004 45533 -3.5415e-003 45534
1.9002e-004 45535 5.7159e-004 45536 -4.6769e-004 45537 1.8184e-003 45538 -7.6176e-003
45539 -4.5787e-003 45540 -5.2177e-003 45541 -9.4238e-003 45542 1.1037e-003 45543
4.1822e-003 45544 -1.937e-003 45545 -2.3018e-002 45546 1.3062e-002 45547 -0.11068
45548 -0.10261 45549 -0.21577 45550 -0.12901 45551 -0.25198 45552 0.10727 45553
0.12501 45554 0.1567 45555 3.6434 45556 0.24797 45557 0.24694 45558 -0.17922 45559
0.12494 45560 -0.15479 45561 -7.8075e-002 45562 -1.8187 45563 -1.1046 45564 0.16843
45565 -0.32547 45566 -2.9963 45567 -1.5796e-002 45568 -6.9677e-002 45569 -8.7589e-002
45570 -4.5168e-003 45571 0.25838 45572 -2.5691e-002 45573 -0.10911 45574 -6.2583e-002
45575 -9.6892e-002 45576 -9.0065e-002 45577 -6.0501e-002 45578 -0.65243 45579 -0.16332
45580 0.11084 45581 -0.25835 45582 -0.25382 45583 -0.60274 45584 -0.46215 45585
-0.87844 45586 -0.87606 45587 -0.34459 45588 -0.27416 45589 -7.1836e-002 45590 1.7267
45591 -0.25258 45592 3.9385e-003 45593 1.0346e-003 45594 -1.3547e-003 45595 6.6105e-
004 45596 -0.61796 45597 -3.3093e-003 45598 7.0837e-003 45599 3.9234e-003 45600
6.7243e-003 45601 3.3164e-003 45602 4.1063e-004 45603 1.0289e-002 45604 1.8846e-003
45605 1.8911e-002 45606 4.7203e-003 45607 8.8692e-004 45608 9.4414e-004 45609
1.1975e-003 45610 9.2674e-004 45611 1.8225e-003 45612 7.9258e-003 45613 -1.9761e-003
45614 9.3607e-004 45615 2.2646e-003 45616 9.4835e-004 45617 2.971e-003 45618
-1.3622e-003 45619 -2.1395e-003 45620 -1.5958e-003 45621 -7.8199e-004 45622 -3.6429e-
004 45623 3.1602e-002 45624 -1.3567e-003 45625 1.5609e-003 45626 2.8075e-003 45627
-4.0008e-004 45628 -9.1521e-003 45629 4.895e-003 45630 7.7398e-004 45631 3.2477e-002
45632 6.2797e-003 45633 -3.2366e-002 45634 -2.1902e-003 45635 -2.5312e-002 45636
-8.8413e-004 45637 9.7313e-003 45638 -4.8155e-004 45639 -6.0872e-004 45640 5.7538e-004
45641 1.3059e-004 45642 6.5155e-003 45643 -3.5492e-003 45644 -6.9553e-005 45645
-2.64e-003 45646 3.9553e-003 45647 -1.2096e-003 45648 4.6431e-002 45649 -4.5105e-004
45650 -1.6775e-003 45651 1.8905e-003 45652 7.0414e-004 45653 1.0071e-003 45654
5.2662e-004 45655 4.4627e-002 45656 -9.691e-004 45657 2.5315e-005 45658 -1.1427e-003
45659 -1.7565e-003 45660 1.5155e-004 45661 2.7063e-005 45662 8.0413e-004 45663
-6.0697e-003 45664 -3.4005e-004 45665 -6.4742e-005 45666 5.8571e-003 45667 1.1891e-002
45668 1.2046e-002 45669 1.5386e-002 45670 1.1652e-002 45671 8.554e-003 45672 1.6712e-
002 45673 116.24 45674 62.418 45675 61.424 45676 8.1826 45677 26.606 45678 113.24

45679 63.505 45680 60.211 45681 16.899 45682 -5.4008 45683 40.786 45684 -7.9858 45685
-1.0407 45686 -2.4695 45687 7.2332 45688 22.818 45689 22.19 45690 7.1817 45691 11.417
45692 5.8681 45693 102.66 45694 0.40301 45695 7.4822 45696 3.9471 45697 -59.685 45698
-48.473 45699 -9.5823e-002 45700 -9.2997e-003 45701 -1.1535e-002 45702 -8.2397e-002
45703 -0.12785 45704 -0.17712 45705 -0.10854 45706 -0.19734 45707 -1.533 45708 -1.0777
45709 -4.6329 45710 -7.0514 45711 -0.29829 45712 -0.17847 45713 -1.5254 45714 -1.1872
45715 -0.91275 45716 -4.7425 45717 -2.8885 45718 -0.6466 45719 -2.1252 45720 -1.6561
45721 -2.075 45722 -1.8932 45723 -0.29664 45724 -0.11289 45725 -0.34866 45726 -1.0786
45727 -8.0741e-002 45728 -0.95355 45729 -1.4589 45730 -0.58571 45731 -1.8532 45732
-10.041 45733 -2.2101 45734 -0.16605 45735 -0.34298 45736 -6.1715 45737 -3.588 45738
-1.2748 45739 -1.4292 45740 -0.44476 45741 -1.1667 45742 8.6545e-004 45743 -0.51957
45744 4.5583e-002 45745 -2.6173e-002 45746 2.9608e-002 45747 -0.89754 45748 -5.8982e-
002 45749 -0.18793 45750 0.36782 45751 3.9264e-002 45752 -3.2019e-003 45753 -0.93035
45754 1.4543 45755 1.6358 45756 1.7846 45757 -0.15132 45758 -9.4643e-002 45759 0.49227
45760 1.1366 45761 0.98265 45762 2.7271 45763 0.12125 45764 0.17151 45765 -2.0757
45766 -3.7971 45767 -1.2569 45768 1.486 45769 1.4215 45770 6.8561 45771 0.75968 45772
0.5209 45773 -8.3663 45774 -3.4477 45775 -11.611 45776 -1.0195 45777 3.1864 45778 21.77
45779 18.848 45780 2.5246 45781 -61.108 45782 -49.895 45783 -18.253 45784 233.32 45785
170. 45786 202.4 45787 190.54 45788 156.95 45789 123.38 45790 91.185 45791 158.39
45792 240.31 45793 103.05 45794 74.143 45795 107.95 45796 103.07 45797 205.95 45798
132.77 45799 237.94 45800 128.45 45801 190.95 45802 235.62 45803 -105.73 45804 -162.15
45805 69.706 45806 109.41 45807 84.625 45808 148.57 45809 87.888 45810 120.51 45811
194.84 45812 -146.51 45813 -152.28 45814 21.647 45815 28.926 45816 -4.8645 45817 52.907
45818 121.23 45819 280.14 45820 155.81 45821 129.45 45822 122.21 45823 174.35 45824
541.02 45825 563.73 45826 334.82 45827 344.13 45828 74.199 45829 28.072 45830 314.42
45831 306.11 45832 205.23 45833 373.24 45834 341.79 45835 565.66 45836 472.02 45837
336.75 45838 283.57 45839 76.133 45840 38.68 45841 316.36 45842 269.62 45843 332.59
45844 301.2 45845 203.1 45846 299.13 45847 124.16 45848 232.18 45849 176.76 45850
208.19 45851 95.768 45852 102.85 45853 211.41 45854 -120.44 45855 -127.18 45856 91.22
45857 35.679 45858 46.892 45859 105.94 45860 110.31 45861 215.36 45862 -110.27 45863
-186.98 45864 96.724 45865 57.067 45866 -17.393 45867 400.78 45868 246.84 45869 353.69
45870 413.86 45871 -127.66 45872 -133. 45873 104.89 45874 106.61 45875 487.95 45876
333.03 45877 315.29 45878 405.31 45879 -148.32 45880 -143.01 45881 108.06 45882 59.983
45883 120.91 45884 -59.982 45885 -66.571 45886 -118.11 45887 -12.986 45888 35.904 45889
-14.611 45890 -50.964 45891 -49.159 45892 -0.46082 45893 -0.49518 45894 -0.72719 45895
-0.38309 45896 -0.41746 45897 -2.2186 45898 -1.7252 45899 -1.6772 45900 -7.6826 45901
-4.4546 45902 -15.386 45903 -0.21187 45904 -1.9559 45905 -2.5339 45906 -0.50767 45907
-0.57942 45908 -0.88073 45909 -3.3088 45910 -1.9276 45911 -1.4508 45912 -1.1776 45913
-0.4756 45914 -0.76442 45915 -0.5862 45916 -0.45072 45917 -0.47303 45918 -0.49442 45919
-0.38075 45920 -0.42086 45921 -1.8266 45922 -2.4516 45923 -2.255 45924 -2.0222 45925
-2.9868 45926 -2.4756 45927 -2.0178 45928 -2.1861 45929 -2.4936 45930 -1.7963 45931
-2.2613 45932 -1.9596 45933 -3.0288 45934 -2.386 45935 -1.9062 45936 104.9 45937 -56.857
45938 -62.289 45939 -96.683 45940 -10.215 45941 -18.509 45942 -48.224 45943 -1.9306
45944 -0.42011 45945 -0.80642 45946 -0.44042 45947 -0.56818 45948 -0.76706 45949 -2.57
45950 -1.6883 45951 -1.1471 45952 -1.545 45953 -6.9098 45954 -1.5052 45955 -2.7218
45956 -1.8402 45957 -3.6432 45958 -11.754 45959 -2.6181 45960 -2.4225 45961 66.282
45962 -120.07 45963 -151.39 45964 4.3514 45965 -75.15 45966 -69.775 45967 -51.706 45968
-6.7914 45969 10.897 45970 -50.455 45971 -4.5968 45972 -167.03 45973 -177.65 45974
30.443 45975 -90.79 45976 -88.867 45977 -4.7431 45978 -10.441 45979 -51.2 45980 -10.136
45981 -1.9737 45982 -5.5531 45983 -0.11728 45984 -0.30723 45985 -3.6475 45986 -1.1573
45987 -1.3652 45988 -1.0659 45989 -1.8918 45990 8.2719e-002 45991 -0.11719 45992
-3.8305e-002 45993 -2.9759e-002 45994 -0.10502 45995 -0.13734 45996 -0.10855 45997
-0.25769 45998 -0.24522 45999 -0.12197 46000 -0.18413 46001 3.242e-002 46002 5.2915e-
003 46003 -3.1093e-003 46004 -0.13087 46005 -0.32975 46006 -1.6403e-002 46007 -0.70977
46008 -1.1077 46009 -0.25368 46010 -9.1381 46011 -2.5994 46012 0.56634 46013 7.99 46014
-10.228 46015 4.8561 46016 0.3597 46017 4.1493 46018 29.288 46019 -0.21084 46020
-0.55042 46021 -2.0551 46022 -0.72752 46023 -0.22657 46024 -1.0521 46025 -1.3836 46026

-1.1497 46027 -0.76365 46028 -1.1701 46029 -2.2683 46030 -3.8208 46031 -0.1422 46032
-3.4068 46033 -1.5827 46034 -1.5968 46035 -1.485 46036 -1.607 46037 -6.3284 46038
-5.8026 46039 -1.4587 46040 -0.86254 46041 0.65199 46042 -1.1739 46043 71.016 46044
61.596 46045 123.99 46046 14.498 46047 20.215 46048 63.638 46049 58.588 46050 76.992
46051 17.049 46052 -4.5463 46053 32.861 46054 7.7415 46055 7.3469 46056 2.7232 46057
39.973 46058 114.3 46059 1.3131 46060 -51.615 46061 -27.634 46062 6.3805 46063 16.505
46064 10.402 46065 31.753 46066 4.9704 46067 -14.289 46068 -8.9362 46069 -23.976 46070
7.3293 46071 1.4179 46072 6.8756 46073 3.6069 46074 10.035 46075 5.8927 46076 1.4442
46077 2.4458 46078 -1.9859 46079 -12.462 46080 -9.042 46081 1.1046 46082 1.7363 46083
0.39844 46084 1.6175 46085 0.27767 46086 0.57527 46087 -3.8564 46088 -0.30804 46089
-2.3482 46090 -0.35564 46091 2.0515e-002 46092 0.11958 46093 -0.13816 46094 0.28231
46095 -1.1805e-003 46096 1.2971 46097 -0.23845 46098 0.47376 46099 129.89 46100 237.9
46101 134.32 46102 351.8 46103 -111.93 46104 117.45 46105 182.49 46106 52.871 46107
141.18 46108 146.09 46109 26.429 46110 76.836 46111 29.357 46112 84.175 46113 8.7698
46114 42.188 46115 28.721 46116 36.676 46117 33.035 46118 52.011 46119 40.46 46120
-3.2162 46121 -12.627 46122 -3.7566 46123 -5.7876 46124 16.644 46125 -2.8385 46126
-4.7019 46127 -6.7493 46128 -3.7321 46129 -3.2923 46130 35.175 46131 -1.8031 46132
77.642 46133 181.87 46134 -168.61 46135 213.96 46136 168.43 46137 -3.8088 46138 35.581
46139 168.38 46140 108.93 46141 -119.24 46142 170.59 46143 177.13 46144 26.461 46145
-3.3329 46146 73.004 46147 83.585 46148 -10.464 46149 -96.877 46150 97.993 46151 106.06
46152 21.178 46153 3.408 46154 44.362 46155 -0.11778 46156 -49.687 46157 9.1435 46158
32.342 46159 -18.045 46160 18.06 46161 -35.758 46162 -66.866 46163 53.693 46164 -74.316
46165 -54.413 46166 18.204 46167 -17.58 46168 -96.87 46169 -159.24 46170 137.03 46171
-131.1 46172 -115.69 46173 -11.799 46174 -27.98 46175 -2.6456 46176 -188.09 46177 -200.8
46178 108.17 46179 212.1 46180 -195.29 46181 -176.92 46182 -61.661 46183 -31.501 46184
-214. 46185 -168.56 46186 198.89 46187 -192.5 46188 -205.19 46189 -33.22 46190 -47.961
46191 -154.18 46192 -157.35 46193 180.57 46194 152.29 46195 -183.55 46196 -173.21 46197
-9.6757 46198 -117.6 46199 -55.569 46200 171.5 46201 -105.26 46202 -132.42 46203 20.618
46204 12.198 46205 145.82 46206 160.9 46207 208.15 46208 257.04 46209 387.97 46210
206.53 46211 362.29 46212 262.75 46213 101.95 46214 238.86 46215 188.42 46216 115.44
46217 395.03 46218 180.13 46219 222.42 46220 -31.921 46221 193.34 46222 176.17 46223
335.74 46224 140.99 46225 135.29 46226 223.24 46227 33.936 46228 231.41 46229 189.68
46230 369.07 46231 390.98 46232 178.54 46233 196.23 46234 244.04 46235 272.38 46236
-2.7183 46237 -12.55 46238 -3.6614 46239 16.965 46240 -13.352 46241 -2.5976 46242
-4.6405 46243 -3.4149 46244 -5.7936 46245 23.388 46246 -2.1468 46247 -3.271 46248 19.254
46249 77.932 46250 23.331 46251 16.087 46252 44.697 46253 18.457 46254 31.697 46255
24.97 46256 28.792 46257 23.954 46258 37.032 46259 -91.46 46260 -104.39 46261 188.14
46262 -127.77 46263 -108.58 46264 15.519 46265 11.141 46266 -136.87 46267 -161.92 46268
165.21 46269 -194.54 46270 -180.51 46271 -19.914 46272 -26.802 46273 -145.67 46274
-164.35 46275 172.96 46276 177.29 46277 -177.02 46278 -162.41 46279 -53.517 46280
53.654 46281 -45.096 46282 -218.67 46283 -189.6 46284 118.64 46285 -237.7 46286 -252.64
46287 -41.691 46288 -153.4 46289 -151.1 46290 81.832 46291 -162.09 46292 -186.85 46293
-17.458 46294 -80.773 46295 -34.174 46296 152.16 46297 -0.15367 46298 -42.072 46299
-56.927 46300 -4.8569 46301 16.803 46302 -3.4874 46303 59.168 46304 30.533 46305
-98.593 46306 31.338 46307 10.028 46308 -27.364 46309 12.285 46310 104.6 46311 129.79
46312 -53.159 46313 136.37 46314 120.36 46315 18.071 46316 12.364 46317 146.27 46318
156.99 46319 -94.577 46320 -153.01 46321 174.49 46322 156.63 46323 35.959 46324 28.841
46325 151.07 46326 102.44 46327 -212.69 46328 129.57 46329 140.38 46330 -1.6344 46331
31.353 46332 28.734 46333 207.07 46334 159.84 46335 173.48 46336 387.31 46337 -155.29
46338 139.91 46339 86.135 46340 87.461 46341 102.41 46342 518.24 46343 644.68 46344
608.25 46345 115.63 46346 311. 46347 252.95 46348 262.93 46349 428.15 46350 500.43
46351 488.31 46352 -27.773 46353 7.7985 46354 179.34 46355 203.17 46356 151.6 46357
82.696 46358 181.07 46359 9.9351 46360 6.0011 46361 5.0608 46362 9.6086 46363 11.574
46364 2.0488 46365 -35.864 46366 15.396 46367 10.558 46368 23.635 46369 4.2855 46370
-1.2614 46371 -0.77366 46372 -0.19759 46373 -1.0149 46374 -3.3936 46375 -0.30518 46376
25.788 46377 0.25318 46378 -0.87097 46379 -4.8426 46380 -1.075 46381 -0.36673 46382
-2.4976 46383 61.082 46384 71.896 46385 -37.136 46386 -6.7781 46387 -4.4332 46388

-4.3608 46389 98.142 46390 80.278 46391 -40.389 46392 -47.507 46393 0.77391 46394
-1.2006 46395 -2.4353 46396 79.664 46397 63.645 46398 -38.64 46399 -44.347 46400
0.40352 46401 1.8062 46402 -2.8056 46403 0.26842 46404 19.692 46405 -1.6183 46406
0.63879 46407 2.6971 46408 1.1593 46409 3.3505 46410 -22.141 46411 -36.996 46412
15.074 46413 5.1132 46414 3.6035 46415 5.7667 46416 2.0754 46417 -69.407 46418 -94.171
46419 75.22 46420 39.15 46421 5.2861 46422 3.7579 46423 4.4469 46424 -107.15 46425
-122.08 46426 88.866 46427 3.0695 46428 1.0424 46429 -1.9799 46430 -104.19 46431
-89.572 46432 19.317 46433 27.738 46434 -0.19555 46435 -5.2449 46436 -3.8893 46437
-108.71 46438 -94.683 46439 65.91 46440 59.022 46441 -1.261 46442 7.4585e-002 46443
5.8524 46444 -70.463 46445 -51.276 46446 68.446 46447 -1.3646 46448 -0.57082 46449
-0.30825 46450 -0.41279 46451 -0.64005 46452 -0.62454 46453 -0.36539 46454 -0.16771
46455 0.28034 46456 -1.3454 46457 22.216 46458 9.4434 46459 6.7759 46460 5.2672 46461
8.6194 46462 10.786 46463 2.0612 46464 13.014 46465 24.603 46466 16.106 46467 4.2978
46468 -1.1181 46469 -3.7319e-002 46470 -0.15012 46471 1.1764e-002 46472 8.9898e-002
46473 0.14746 46474 0.42391 46475 -0.2815 46476 -0.36683 46477 0.55008 46478 1.4305
46479 -1.4335 46480 -2.7038e-002 46481 -0.70658 46482 -0.81778 46483 1.1574 46484 3.124
46485 8.4148 46486 -1.4733 46487 -8.1988 46488 -6.0024 46489 -1.6619 46490 -3.3699
46491 -3.9942 46492 -166.01 46493 -5.4168 46494 -5.3444 46495 -73.042 46496 -40.055
46497 -71.16 46498 -119.71 46499 -41.373 46500 -48.491 46501 2.4247 46502 -161.62 46503
-0.9525 46504 -2.1872 46505 -11.363 46506 -38.392 46507 -66.768 46508 1.2573 46509
-44.099 46510 2.3177 46511 2.2896 46512 4.4808 46513 -9.9608 46514 102.73 46515 92.453
46516 16.205 46517 73.934 46518 2.66 46519 37.864 46520 59.98 46521 1.996 46522
-0.72014 46523 -3.1094e-002 46524 101.22 46525 147.62 46526 84.388 46527 18.243 46528
125.41 46529 72.424 46530 -1.8453 46531 1.1569 46532 -1.8654 46533 -0.50973 46534 148.8
46535 106.86 46536 69.29 46537 19.431 46538 126.6 46539 62.402 46540 27.852 46541
-4.5444 46542 -5.539 46543 0.23877 46544 9.0871 46545 101.83 46546 -3.5833 46547 64.261
46548 21.633 46549 62.832 46550 -0.54091 46551 -1.1335 46552 -1.3006 46553 -1.2463
46554 11.417 46555 -2.8248 46556 -1.2532 46557 1.949 46558 -1.9038 46559 -0.94875 46560
23.963 46561 4.5752 46562 0.45291 46563 0.42705 46564 0.34171 46565 -1.1514 46566
-20.263 46567 -0.72492 46568 -0.23047 46569 -20.411 46570 -7.0394 46571 -4.8429 46572
-0.5024 46573 -162.24 46574 0.48167 46575 -115.66 46576 -20.942 46577 -0.99335 46578
-36.34 46579 -36.288 46580 -38.906 46581 -22.627 46582 -115.94 46583 -21.091 46584
-7.7189 46585 -1.4597 46586 -0.58541 46587 -0.54157 46588 -1.2767 46589 -4.4524 46590
-1.7461 46591 -1.4352 46592 -0.99543 46593 37.472 46594 0.49382 46595 12.831 46596
7.1561 46597 7.5799 46598 12.195 46599 20.15 46600 3.6363 46601 16.509 46602 23.933
46603 -2.4194 46604 8.8151 46605 -2.6735 46606 3.2636 46607 3.6579 46608 -57.931 46609
-85.086 46610 67.951 46611 59.531 46612 6.2057 46613 5.3529 46614 5.6184 46615 -94.771
46616 -84.434 46617 79.101 46618 55.192 46619 -0.87982 46620 -1.4671 46621 -5.1392
46622 -96.434 46623 -109.12 46624 62.848 46625 48.106 46626 1.4013 46627 -0.25957
46628 1.7308 46629 -107.55 46630 -89.176 46631 26.079 46632 56.239 46633 1.5744 46634
0.19809 46635 0.52755 46636 1.4846 46637 -73.414 46638 -58.011 46639 29.701 46640
1.3855 46641 1.2956 46642 0.32927 46643 -46.826 46644 -26.923 46645 45.693 46646
9.9093 46647 1.0567 46648 0.63059 46649 -0.42559 46650 -2.1202 46651 0.23754 46652
23.436 46653 -26.951 46654 9.1544 46655 -0.17284 46656 -3.3497 46657 -4.7586 46658
48.634 46659 56.702 46660 -28.18 46661 -4.442 46662 -6.1771 46663 -5.5858 46664 83.886
46665 90.431 46666 -60.241 46667 -2.2708 46668 -1.0884 46669 -3.4146 46670 2.2289 46671
115.93 46672 70.402 46673 -58.934 46674 -62.446 46675 27.569 46676 9.6601 46677 6.9319
46678 6.888 46679 10.572 46680 8.1293 46681 2.9603 46682 21.77 46683 26.185 46684
23.451 46685 8.1392 46686 -1.4987 46687 -0.64926 46688 -0.54489 46689 -0.24129 46690
-0.70207 46691 -0.58419 46692 -1.5514 46693 0.21609 46694 -0.80074 46695 -0.58204 46696
-0.50283 46697 -0.18768 46698 -0.98179 46699 5.7968 46700 3.4841 46701 -1.9712 46702
-4.8433 46703 -2.1237 46704 -0.15929 46705 -0.55904 46706 -0.25823 46707 1.4787 46708
0.36816 46709 -1.8666 46710 -0.73872 46711 -4.4152 46712 -1.8626 46713 -7.8817e-002
46714 -5.9385e-002 46715 0.15303 46716 3.7205e-003 46717 -0.55931 46718 0.4687 46719
-0.18909 46720 0.79198 46721 -0.87624 46722 -168.77 46723 -3.7938 46724 -3.2025 46725
-80.663 46726 -58.721 46727 -57.857 46728 -87.651 46729 -62.234 46730 3.2165 46731
-165.92 46732 0.46571 46733 -0.94317 46734 10.17 46735 -113.58 46736 -24.365 46737

-42.135 46738 -55.007 46739 -121.62 46740 1.4141 46741 2.7005 46742 1.7342 46743 9.744
46744 104.72 46745 -24.791 46746 47.098 46747 11.314 46748 30.917 46749 2.6362 46750
-1.6232 46751 0.36716 46752 103.34 46753 150.4 46754 24.715 46755 29.541 46756 66.364
46757 54.876 46758 -1.9496 46759 4.3818 46760 4.6473 46761 0.97527 46762 153. 46763
111.28 46764 78.13 46765 68.962 46766 157.84 46767 54.221 46768 -6.3758 46769 -3.1968
46770 -2.8025 46771 7.7819 46772 104.09 46773 -5.8534 46774 61.491 46775 70.945 46776
53.071 46777 31.486 46778 -1.735 46779 -1.834 46780 -1.8145 46781 -2.0888 46782 10.54
46783 -3.5728 46784 -3.0953 46785 -0.15709 46786 4.2742 46787 -2.3145 46788 -1.2864
46789 34.244 46790 0.22695 46791 -0.25202 46792 4.8796e-002 46793 -1.69 46794 -33.378
46795 -1.5596 46796 -0.43169 46797 -4.1081 46798 -4.1135 46799 3.6235 46800 -79.481
46801 -33.299 46802 -1.1622 46803 -27.64 46804 -35.864 46805 -57.539 46806 -4.0343
46807 -363.06 46808 -330.16 46809 -388.59 46810 -277.68 46811 -174. 46812 -312.25 46813
-229.41 46814 -277.96 46815 -206.74 46816 -368.67 46817 -430.75 46818 -368.95 46819
-427.38 46820 -380.3 46821 -316.47 46822 -323. 46823 -351.05 46824 -316.33 46825 -293.43
46826 -359.61 46827 -355.85 46828 -316.76 46829 -289.81 46830 -247.37 46831 -283.14
46832 -253.76 46833 -326.42 46834 -225.43 46835 -322.66 46836 -224.57 46837 -254.36
46838 -291.18 46839 -0.19547 46840 -0.27604 46841 -0.24586 46842 -0.24093 46843
-0.22162 46844 -0.31041 46845 -15.871 46846 -26.33 46847 27.256 46848 9.5297 46849
-11.816 46850 -13.287 46851 -11.128 46852 -10.722 46853 -8.9169 46854 -0.32194 46855
-0.21297 46856 -0.27491 46857 -0.24529 46858 -0.25197 46859 -0.29207 46860 -15.398
46861 -25.413 46862 26.661 46863 9.5334 46864 -12.072 46865 -13.493 46866 18.367 46867
-9.5781 46868 -11.348 46869 -14.181 46870 -11.737 46871 -15.066 46872 49.707 46873
26.344 46874 22.686 46875 41.929 46876 41.302 46877 37.55 46878 161.54 46879 206.75
46880 139.8 46881 118.06 46882 76.069 46883 111.8 46884 65.198 46885 85.892 46886
-30.11 46887 84.381 46888 26.846 46889 48.12 46890 21.987 46891 49.776 46892 48.143
46893 176.18 46894 155.61 46895 110.16 46896 89.979 46897 76.979 46898 115.84 46899
129.19 46900 69.246 46901 76.592 46902 74.074 46903 82.314 46904 83.997 46905 25.777
46906 35.771 46907 62.835 46908 43.93 46909 24.953 46910 27.12 46911 68.454 46912
29.348 46913 40.937 46914 95.747 46915 106.42 46916 101.37 46917 59.826 46918 74.576
46919 75.638 46920 -1.4966 46921 -1.817 46922 -3.0217 46923 -2.259 46924 -1.5659 46925
-1.5504 46926 -2.1573 46927 -1.0935 46928 -0.64549 46929 -2.2713 46930 47.634 46931
19.884 46932 17.899 46933 23.19 46934 40.236 46935 22.044 46936 15.812 46937 8.773
46938 7.8264 46939 3.1629 46940 2.8173 46941 3.6977 46942 3.4397 46943 5.8444 46944
0.83374 46945 1.4666 46946 1.0563 46947 1.1515 46948 -6.9859e-002 46949 0.13624 46950
0.21438 46951 0.37203 46952 -0.49718 46953 0.27193 46954 1.3868 46955 0.56348 46956
-3.7049 46957 -5.3306 46958 -2.8405 46959 -3.575 46960 -2.1083 46961 -1.6005 46962
28.678 46963 70.318 46964 42.576 46965 47.636 46966 29.59 46967 27.147 46968 76.444
46969 40.788 46970 45.203 46971 42.469 46972 101.39 46973 110.81 46974 107.52 46975
71.859 46976 64.204 46977 88.091 46978 -1.618 46979 -3.1832 46980 -2.0166 46981 -2.5139
46982 -1.6708 46983 -1.553 46984 -2.3376 46985 -0.75268 46986 -1.7695 46987 -3.9885
46988 -5.4561 46989 -3.1429 46990 -3.2972 46991 -1.558 46992 -3.0348 46993 2.0881e-002
46994 0.81809 46995 0.32779 46996 0.17849 46997 0.17626 46998 0.99519 46999 0.64347
47000 -1.4322e-002 47001 2.8703 47002 7.8697 47003 3.8851 47004 2.7745 47005 8.5714
47006 4.7918 47007 0.53977 47008 15.977 47009 28.463 47010 16.734 47011 14.421 47012
26.906 47013 9.9025 47014 6.0988 47015 6.0934 47016 15.123 47017 23.078 47018 -2.9453
47019 -1.817 47020 -4.9927 47021 -1.9756 47022 -0.82137 47023 -0.70349 47024 11.681
47025 9.2381 47026 12.18 47027 14.347 47028 22.379 47029 13.686 47030 15.652 47031
14.635 47032 -1.9579 47033 -4.3366 47034 -0.77212 47035 -0.75661 47036 -14.677 47037
-11.907 47038 -9.5877 47039 0.11507 47040 -16.556 47041 1.8737 47042 6.3548e-002 47043
4.2986 47044 14.898 47045 53.838 47046 46.595 47047 41.096 47048 41.682 47049 98.737
47050 12.194 47051 12.282 47052 184.77 47053 47.511 47054 67.174 47055 23.103 47056
52.418 47057 47.535 47058 27.547 47059 -0.17212 47060 -0.25102 47061 -9.4645e-002
47062 -0.16774 47063 -0.34573 47064 -0.26246 47065 -4.7518e-002 47066 -0.19388 47067
-0.13371 47068 -13.286 47069 -0.30354 47070 -18.522 47071 -3.4375 47072 -4.1443 47073
-0.32318 47074 -0.33045 47075 -0.73729 47076 -0.39318 47077 -0.68096 47078 -0.31555
47079 -0.33875 47080 -0.42755 47081 -0.34356 47082 -0.16806 47083 -0.10173 47084 -0.177
47085 -0.35577 47086 -0.18052 47087 -0.19394 47088 -0.12743 47089 -0.29228 47090

-0.41297 47091 -0.72135 47092 -0.40766 47093 -0.67084 47094 -0.42996 47095 -0.33768
47096 -0.27611 47097 -2.7918e-004 47098 -8.243e-005 47099 1.5917e-005 47100 -3.2534e-
004 47101 9.8911e-005 47102 -1.1901e-004 47103 -1.8908e-004 47104 -2.0829e-004 47105
-3.2312e-004 47106 -1.0032e-005 47107 -1.8012e-003 47108 -1.385e-003 47109 -1.5373e-003
47110 4.2038e-002 47111 1.381e-003 47112 6.8385e-004 47113 1.5192e-003 47114 -2.6271e-
004 47115 -3.831e-004 47116 4.304e-002 47117 7.3917e-004 47118 9.6185e-004 47119
6.4938e-004 47120 3.4326e-003 47121 2.7354e-003 47122 -4.6763e-005 47123 2.6972e-004
47124 4.2075e-004 47125 2.0964e-004 47126 2.2475e-004 47127 3.4951e-004 47128
8.5972e-003 47129 1.0539e-003 47130 -5.5825e-004 47131 -1.7871e-004 47132 6.0184e-003
47133 -0.26038 47134 -8.7104e-002 47135 3.1104e-004 47136 1.4526e-003 47137 3.9725e-
003 47138 2.9745e-003 47139 -3.3893e-003 47140 2.8238e-003 47141 -0.3104 47142
-9.4706e-005 47143 -1.0535e-002 47144 -1.0103e-002 47145 1.0818e-002 47146 -1.2212e-
004 47147 -5.3349e-003 47148 -2.9437e-002 47149 -0.29835 47150 -4.8238e-003 47151
-3.3827e-003 47152 -5.06e-003 47153 -6.294e-003 47154 -3.0257e-002 47155 4.7868e-003
47156 3.6697e-006 47157 3.2444e-007 47158 1.3748e-005 47159 -3.8071e-005 47160
-1.3334e-003 47161 -2.1942e-003 47162 -2.6197e-003 47163 -2.1621e-003 47164 -5.9506e-
004 47165 -0.21033 47166 -1.5055e-002 47167 -1.0151e-002 47168 -1.165e-002 47169
-1.3739e-002 47170 -1.2442e-002 47171 -3.1946e-003 47172 -7.5325e-003 47173 -6.2859e-
003 47174 -2.0613e-002 47175 -7.4081e-004 47176 -5.5266e-005 47177 -1.3788e-004 47178
6.7406e-003 47179 5.3297e-004 47180 1.8624e-003 47181 1.8751e-003 47182 -2.6497e-003
47183 1.5453e-003 47184 -1.089e-003 47185 8.5444e-003 47186 -1.668e-003 47187
-1.5431e-003 47188 -2.2809e-003 47189 -4.4859e-003 47190 -4.702e-003 47191 -4.5277e-004
47192 -5.8424e-003 47193 3.0228e-002 47194 5.1593e-003 47195 0.26963 47196 -0.61533
47197 -8.1489e-002 47198 -6.8106e-004 47199 1.0522e-002 47200 -4.0262e-002 47201
-2.535e-002 47202 -0.10532 47203 -0.35601 47204 0.19463 47205 0.81822 47206 0.16773
47207 0.16595 47208 -4.0595 47209 1.2734e-002 47210 -6.3125e-002 47211 1.9711e-002
47212 0.11844 47213 -9.9391e-002 47214 0.90547 47215 -0.13031 47216 -5.5354e-002 47217
-0.14698 47218 -0.30224 47219 -1.2789 47220 4.588e-002 47221 0.15703 47222 -0.19609
47223 0.55389 47224 2.1215e-002 47225 0.97322 47226 0.21725 47227 -4.2938 47228
0.15443 47229 2.5853e-002 47230 0.24002 47231 -0.13657 47232 6.3408e-002 47233 3.152e-
003 47234 0.18141 47235 6.783e-003 47236 -4.7528e-003 47237 9.6712e-003 47238 0.18555
47239 1.0431e-002 47240 6.3322e-003 47241 1.351e-002 47242 -2.472e-002 47243 9.8249e-
002 47244 2.4187e-003 47245 2.3726e-003 47246 1.7789e-003 47247 4.6137e-002 47248
6.7151e-003 47249 3.4545e-003 47250 9.7179e-003 47251 -6.0324e-004 47252 4.3161e-002
47253 4.7873e-004 47254 -1.7898e-004 47255 -10.65 47256 -14.945 47257 -10.738 47258
-4.8728 47259 -5.7578 47260 -4.5439 47261 3.8097 47262 0.72209 47263 -15.317 47264
-5.2443 47265 -4.9154 47266 -8.387 47267 -6.72 47268 -3.3165 47269 -3.318 47270 -4.2088
47271 -3.2982 47272 -3.7005 47273 -1.8402 47274 -1.851 47275 -3.0149 47276 -2.7952
47277 -0.44969 47278 -0.46191 47279 -0.72667 47280 -0.20354 47281 -0.28666 47282
-0.43488 47283 -0.21171 47284 -1.1489 47285 -0.51017 47286 -0.2518 47287 -0.33492 47288
-0.25997 47289 -0.28183 47290 -0.15589 47291 -0.21783 47292 -7.4731e-002 47293
-9.7886e-002 47294 -0.19489 47295 -8.6819e-002 47296 -0.17284 47297 -0.10633 47298
-0.26741 47299 -0.22038 47300 -7.8133e-002 47301 -0.10043 47302 -0.19743 47303 -0.13586
47304 -0.49046 47305 -0.29255 47306 -0.74834 47307 -1.1269 47308 -0.29428 47309
-0.50746 47310 -0.32648 47311 -0.60974 47312 -0.31942 47313 -0.28438 47314 -0.65128
47315 -0.19722 47316 -0.4104 47317 -0.22942 47318 -0.25655 47319 -1.4792 47320 -1.4436
47321 -0.30227 47322 -0.33644 47323 -0.34873 47324 -0.70651 47325 -1.1988 47326
-0.21691 47327 -0.3411 47328 -0.26502 47329 -0.63606 47330 -0.53324 47331 -8.5375e-002
47332 -4.363e-002 47333 -0.16783 47334 -9.1739e-002 47335 -0.11165 47336 -8.5526e-002
47337 -0.25272 47338 -0.22254 47339 -9.5311e-002 47340 -9.2641e-002 47341 -0.17509
47342 -0.19829 47343 -0.11988 47344 -0.11892 47345 -0.1587 47346 -0.20908 47347
-8.0649e-002 47348 -0.18484 47349 -0.12466 47350 -0.10642 47351 -0.41542 47352 -0.51013
47353 -0.24655 47354 -0.2522 47355 -0.26105 47356 -0.21192 47357 -0.74719 47358
-0.41558 47359 -0.15201 47360 -0.11737 47361 -0.20357 47362 -2.066 47363 -3.2597 47364
-1.0374 47365 -1.0781 47366 -1.0788 47367 -1.7023 47368 -7.7488 47369 -3.6725 47370
-3.7119 47371 -5.1315 47372 -2.7024 47373 -14.923 47374 -16.802 47375 -14.25 47376
-7.6192 47377 1.137 47378 -6.4887 47379 -16.129 47380 -6.9457 47381 -3.6078 47382 2.3009

47383 1.8105 47384 -7.1826 47385 -5.8152 47386 3.3124 47387 -0.34557 47388 3.2609
47389 -4.4124 47390 -4.2842 47391 -4.2341 47392 23.119 47393 -3.9016 47394 -8.3752
47395 -7.9881 47396 10.962 47397 -22.341 47398 -8.1875 47399 10.057 47400 -9.7335 47401
-7.7681 47402 -9.85 47403 -8.5241 47404 -11.436 47405 -8.414 47406 43.164 47407 10.091
47408 -14.783 47409 -12.817 47410 4.5916 47411 -14.001 47412 38.115 47413 63.377 47414
-8.7398 47415 -8.1374 47416 -9.7176 47417 45.263 47418 77.113 47419 -4.7031 47420
39.139 47421 -3.9961 47422 -3.2091 47423 43.719 47424 -5.9662 47425 -6.2466 47426
28.963 47427 -4.7527 47428 24.144 47429 -1.9888 47430 -5.8781 47431 -4.7039 47432
4.1794 47433 3.8425 47434 -1.0161 47435 -4.3033 47436 0.70849 47437 -3.8951 47438
-4.3293 47439 -2.3353e-004 47440 9.9255e-004 47441 3.8555e-004 47442 1.2378e-003
47443 -1.0462e-003 47444 -3.7886e-003 47445 -1.3275e-005 47446 -3.8686e-004 47447
-9.1279e-003 47448 7.2261e-004 47449 -4.3572e-003 47450 -6.3785e-002 47451 -3.7184e-
002 47452 -0.24551 47453 -5.7528e-002 47454 -1.4604e-003 47455 -3.5773e-002 47456
-2.6089e-002 47457 -5.8115e-002 47458 -0.12891 47459 0.14525 47460 0.10101 47461
6.311e-002 47462 0.14618 47463 8.3677e-002 47464 0.12501 47465 4.159e-002 47466
7.9545e-002 47467 0.23167 47468 0.31206 47469 -0.71448 47470 -8.909e-002 47471
6.4666e-002 47472 0.30423 47473 -2.6062 47474 -5.7239e-003 47475 -0.68929 47476
-2.9384e-002 47477 9.3584e-002 47478 -0.33361 47479 -2.9452e-002 47480 -4.2192e-002
47481 -0.11258 47482 -2.5883e-002 47483 -0.22574 47484 -2.5758e-002 47485 3.6487e-002
47486 2.8354e-003 47487 -9.7646e-003 47488 2.8122e-002 47489 -1.31e-003 47490 3.8414e-
003 47491 -3.4388e-002 47492 -2.2778e-003 47493 -1.6224e-004 47494 -2.1624e-004 47495
-2.346e-004 47496 -1.8174e-003 47497 -3.6635e-004 47498 6.0445e-004 47499 8.2434e-004
47500 -9.1212e-005 47501 -2.2296e-004 47502 7.4784e-004 47503 9.0129e-005 47504
7.7434e-005 47505 1.7175e-004 47506 8.3146e-005 47507 -6.4936e-004 47508 8.3289e-004
47509 2.9943e-003 47510 1.2124e-003 47511 1.3362e-005 47512 -9.4874e-005 47513
-7.1914e-004 47514 1.1427e-003 47515 1.0338e-004 47516 -1.2754e-004 47517 -5.6607e-004
47518 -3.3552e-004 47519 -8.1967e-004 47520 1.1016e-003 47521 1.6463e-003 47522
1.816e-003 47523 2.9226e-004 47524 6.7181e-004 47525 9.4712e-004 47526 6.8689e-003
47527 -1.7844e-003 47528 -1.1886e-003 47529 -9.1655e-004 47530 -1.4179e-003 47531
1.2886e-003 47532 -7.2974e-004 47533 1.704e-003 47534 -6.427e-004 47535 1.542e-002
47536 1.1589e-004 47537 4.4798e-003 47538 -7.3297e-004 47539 -3.4433e-004 47540
4.0814e-003 47541 6.0156e-004 47542 1.5676e-004 47543 6.7209e-005 47544 -1.5891e-003
47545 -4.3379e-005 47546 -5.9983e-004 47547 4.6899e-003 47548 5.6885e-004 47549
6.8709e-004 47550 6.0746e-003 47551 -2.3953e-003 47552 3.5647e-005 47553 -3.9875e-004
47554 8.328e-004 47555 7.0959e-003 47556 2.758e-003 47557 -2.0723e-003 47558 2.4765e-
004 47559 2.5994e-004 47560 -3.3171e-004 47561 -2.0506e-003 47562 7.4717e-005 47563
1.3816e-004 47564 3.9156e-004 47565 1.2077e-004 47566 7.3945e-004 47567 5.0334e-004
47568 1.1622e-004 47569 4.2236e-004 47570 -2.212e-003 47571 -1.6984e-003 47572
-6.4616e-003 47573 -2.0254e-003 47574 -2.6706e-003 47575 -8.3596e-004 47576 -5.9706e-
004 47577 5.785e-003 47578 -1.4706e-003 47579 1.4471e-003 47580 -1.0252e-003 47581
3.0455e-005 47582 -6.6661e-004 47583 -6.5318e-004 47584 5.1833e-003 47585 -3.2866e-003
47586 -6.8582e-004 47587 -9.2198e-004 47588 -4.9971e-004 47589 -2.156e-003 47590
-1.2034e-002 47591 -8.408e-003 47592 8.8874e-003 47593 -2.0525e-003 47594 -7.643e-003
47595 -6.9839e-004 47596 -4.1929e-005 47597 1.3293e-003 47598 3.4348e-004 47599
2.7223e-004 47600 -6.3553e-004 47601 -2.5598e-004 47602 1.9331e-005 47603 1.8506e-004
47604 1.7604e-004 47605 3.1112e-004 47606 2.3972e-003 47607 -6.8536e-005 47608
1.0768e-004 47609 1.147e-004 47610 -3.7623e-005 47611 3.0188e-003 47612 1.237e-003
47613 2.6099e-005 47614 1.1484e-003 47615 1.0909e-004 47616 -1.4521e-004 47617
-3.8813e-004 47618 -9.818e-004 47619 6.9384e-004 47620 9.1373e-004 47621 -4.0649e-004
47622 6.7548e-004 47623 1.777e-005 47624 6.4597e-003 47625 9.3479e-003 47626 1.3187e-
002 47627 -2.5043e-002 47628 7.0675e-003 47629 7.9636e-002 47630 -4.8939e-002 47631
-0.21136 47632 -1.1384e-002 47633 2.521e-002 47634 5.0861e-002 47635 5.8827e-002 47636
-5.1994e-002 47637 0.14404 47638 -0.28315 47639 2.1007e-002 47640 -0.17483 47641
-8.4668e-002 47642 -0.17629 47643 -0.37676 47644 -0.223 47645 1.6566e-002 47646
0.12772 47647 9.6758e-002 47648 5.9045e-002 47649 7.3895e-002 47650 0.15778 47651
7.4359e-002 47652 -3.3308e-002 47653 2.904e-002 47654 -8.4387e-002 47655 -0.12644
47656 0.14771 47657 6.7041e-003 47658 -4.0247e-002 47659 -0.10501 47660 -3.4581e-002

47661 -1.3002e-002 47662 -2.8283e-003 47663 -1.1624e-003 47664 -1.1773e-002 47665
-1.6131e-003 47666 -1.9229e-003 47667 -7.0027e-003 47668 4.2001e-003 47669 2.0536e-004
47670 -2.4811e-004 47671 -3.0039e-003 47672 1.2453e-003 47673 -2.7588e-003 47674
-1.5299e-003 47675 4.653e-003 47676 3.0679e-003 47677 4.519e-003 47678 8.7503e-003
47679 1.7582e-003 47680 5.4898e-003 47681 5.7096e-003 47682 1.1753e-002 47683
-2.9303e-004 47684 -3.0538e-003 47685 6.7777e-004 47686 2.0061e-005 47687 -1.1213e-002
47688 2.6673e-002 47689 -2.7586e-003 47690 -0.1154 47691 2.3928e-003 47692 -3.5837e-
002 47693 8.7132e-002 47694 -0.11754 47695 -0.10948 47696 -4.4205e-002 47697 -2.2778e-
002 47698 3.4919 47699 -2.2653e-002 47700 -1.9905 47701 -1.0395 47702 -0.37957 47703
3.1388 47704 -0.2566 47705 -2.878 47706 9.8638e-002 47707 9.98e-002 47708 0.18019
47709 0.4267 47710 -6.7203e-002 47711 0.17236 47712 0.16187 47713 5.6726e-004 47714
0.17315 47715 0.11064 47716 -0.55497 47717 0.15197 47718 -0.13891 47719 -0.45544 47720
-0.21823 47721 -0.16886 47722 -0.72876 47723 3.4508e-002 47724 7.3678e-002 47725
7.8326e-003 47726 -1.8056e-004 47727 6.6606e-004 47728 -0.61679 47729 9.0676e-003
47730 4.0205e-003 47731 7.1306e-003 47732 4.5749e-003 47733 -0.61498 47734 8.1688e-
004 47735 5.0661e-003 47736 1.9317e-002 47737 -3.2351e-004 47738 4.8953e-003 47739
4.5328e-003 47740 1.1261e-002 47741 4.4598e-004 47742 2.8193e-003 47743 9.1143e-004
47744 1.3243e-003 47745 7.933e-004 47746 -3.1931e-004 47747 -2.6878e-003 47748 3.051e-
002 47749 4.8069e-003 47750 4.6899e-004 47751 1.7156e-003 47752 -1.0091e-003 47753
-3.2784e-004 47754 -2.096e-004 47755 3.1375e-002 47756 -1.1443e-003 47757 -2.8345e-003
47758 -1.986e-003 47759 -1.007e-002 47760 3.4034e-003 47761 -5.212e-004 47762 5.8637e-
003 47763 -2.2671e-003 47764 -2.623e-002 47765 8.8138e-003 47766 -7.2135e-004 47767
-5.6471e-003 47768 -1.3666e-003 47769 -1.8701e-003 47770 5.7576e-003 47771 -3.4582e-
003 47772 -4.3071e-003 47773 2.9165e-003 47774 3.1775e-003 47775 1.7212e-003 47776
1.2806e-003 47777 4.5653e-002 47778 -2.4553e-003 47779 3.7578e-003 47780 -1.5858e-003
47781 -1.1277e-003 47782 -9.5805e-004 47783 -7.8319e-003 47784 4.2337e-002 47785
4.0949e-003 47786 -2.5866e-003 47787 -2.6315e-003 47788 4.7215e-005 47789 -8.8078e-003
47790 -6.4993e-004 47791 -3.4321e-003 47792 -3.1157e-003 47793 -3.0995e-003 47794
-3.3034e-003 47795 -1.8212e-003 47796 -5.5547e-003 47797 -4.9505e-004 47798 3.4026e-
004 47799 -1.4416e-003 47800 -6.178e-004 47801 -1.2421e-003 47802 -3.4934e-003 47803
6.1973e-004 47804 -2.1193 47805 16.304 47806 -15.703 47807 -55.36 47808 20.67 47809
-11.337 47810 3.2301 47811 2.904 47812 116.23 47813 4.1387 47814 -3.9526 47815 -59.493
47816 -1.5398 47817 -2.6426 47818 111.79 47819 56.785 47820 22.645 47821 -8.3964 47822
22.017 47823 11.244 47824 -2.9686 47825 -9.937 47826 -7.3842 47827 -0.6311 47828 -8.7224
47829 8.4928 47830 -0.51129 47831 8.0024 47832 -11.04 47833 -9.8252 47834 7.39 47835
9.8149 47836 -4.5105 47837 -0.17581 47838 -0.41459 47839 -1.4241 47840 -5.5996e-002
47841 -12.547 47842 -1.4029 47843 -1.1883 47844 -2.382 47845 -0.19035 47846 -0.1401
47847 -1.5685 47848 -1.3867 47849 -2.3437e-002 47850 9.3699e-003 47851 -2.5672e-002
47852 -0.27452 47853 -6.6059e-003 47854 -0.87941 47855 -0.19126 47856 -0.66058 47857
-0.51158 47858 -1.0357e-002 47859 -0.25921 47860 -0.17594 47861 2.245e-002 47862
-0.31557 47863 4.1516e-002 47864 -0.88563 47865 -0.61246 47866 -0.35061 47867 -0.27611
47868 -0.12891 47869 -0.17818 47870 -0.19839 47871 -0.6475 47872 -3.8038e-002 47873
-0.21497 47874 -2.8154 47875 -0.95739 47876 1.4273 47877 -0.31674 47878 -0.16698 47879
-0.26876 47880 -0.2721 47881 -1.2758 47882 -0.11672 47883 1.2983 47884 1.6286 47885
-0.44569 47886 0.43903 47887 1.258 47888 0.39656 47889 -1.8004 47890 -0.53059 47891
-3.5218 47892 0.24845 47893 7.4264 47894 3.6467 47895 1.0912 47896 -7.7961 47897
-0.60531 47898 -2.8775 47899 7.3618 47900 17.589 47901 1.2654 47902 -7.8606 47903
-19.513 47904 -11.105 47905 37.729 47906 72.698 47907 36.172 47908 -41.821 47909 19.168
47910 7.0864 47911 38.722 47912 -32.571 47913 -0.92944 47914 208.58 47915 182.16 47916
-170.93 47917 122.22 47918 100.62 47919 26.015 47920 176.14 47921 -191.51 47922 101.64
47923 108.99 47924 5.4418 47925 151.03 47926 232.94 47927 71.296 47928 66.98 47929
97.334 47930 103.92 47931 -168.87 47932 -21.456 47933 251.98 47934 86.022 47935 114.72
47936 116.38 47937 85.816 47938 114.74 47939 -2.4138 47940 445.03 47941 327.44 47942
359.29 47943 43.229 47944 388.4 47945 216.29 47946 -67.915 47947 167.73 47948 201.54
47949 79.497 47950 277.26 47951 372.68 47952 112.06 47953 352.29 47954 379.65 47955
388.87 47956 225.86 47957 206.07 47958 -19.031 47959 211.9 47960 256.49 47961 274.88
47962 258.96 47963 239.11 47964 205.5 47965 180.63 47966 -44.469 47967 173.93 47968

231.05 47969 218.66 47970 257.64 47971 233.53 47972 169.79 47973 -113.79 47974 104.61
47975 88.421 47976 80.644 47977 -168.79 47978 49.602 47979 80.016 47980 94.338 47981
133.32 47982 257.57 47983 82.597 47984 -189.99 47985 116.02 47986 93.717 47987 20.708
47988 -20.401 47989 127.81 47990 65.924 47991 180.42 47992 60.095 47993 334.37 47994
282.01 47995 -212.49 47996 -1.7946 47997 27.122 47998 71.391 47999 174.76 48000 -319.75
48001 -109.05 48002 5.4425 48003 -35.864 48004 453.33 48005 -100.3 48006 132.25 48007
156.08 48008 254.93 48009 472.03 48010 -112.72 48011 90.275 48012 381.37 48013 344.53
48014 -203.37 48015 45.915 48016 97.126 48017 -6.4201 48018 44.674 48019 -0.37691
48020 -22.46 48021 -19.705 48022 -7.2586 48023 -6.2742 48024 -6.8522 48025 -84.454
48026 -30.164 48027 -17.311 48028 -0.61413 48029 -0.84615 48030 -1.7355 48031 -0.98552
48032 -0.77165 48033 -0.42754 48034 -0.39243 48035 -0.46191 48036 -0.91102 48037 -1.244
48038 -1.1877 48039 -1.6799 48040 -2.1333 48041 -1.3834 48042 -1.1172 48043 -1.6755
48044 -0.94734 48045 -1.893 48046 -0.67371 48047 -0.58193 48048 -0.69393 48049 -1.143
48050 -0.87689 48051 -2.5377 48052 -2.5021 48053 -3.2696 48054 -3.0812 48055 -2.7217
48056 -2.1469 48057 -2.4688 48058 -1.1749 48059 -1.1244 48060 -1.503 48061 -1.9294
48062 -0.98583 48063 -1.4496 48064 -0.83196 48065 -0.95967 48066 -1.7646 48067 -0.71879
48068 -0.74017 48069 -0.82107 48070 -0.70459 48071 -0.38942 48072 -0.39341 48073
-0.51719 48074 -1.6373 48075 -1.0961 48076 -0.6128 48077 -0.6937 48078 -0.60033 48079
-0.34257 48080 -0.51826 48081 -0.44161 48082 -0.46634 48083 -1.5864 48084 -0.56196
48085 -0.64285 48086 -0.4884 48087 -20.831 48088 -55.225 48089 -6.6278 48090 -15.66
48091 -6.3285 48092 -6.7656 48093 -7.1544 48094 -5.1799 48095 -65.24 48096 -16.78 48097
-110.36 48098 3.33 48099 26.548 48100 -70.797 48101 -7.8128 48102 -27.893 48103 -51.477
48104 37.275 48105 -60.069 48106 -21.46 48107 -51.175 48108 -17.166 48109 -40.749 48110
13.737 48111 -107.5 48112 -21.449 48113 -170.48 48114 20.291 48115 -116.19 48116 -37.765
48117 54.784 48118 18.021 48119 -81.699 48120 -3.2724 48121 -32.493 48122 -68.846 48123
2.4666e-002 48124 -0.16529 48125 -1.2232 48126 -0.34166 48127 -1.1196 48128 -0.92396
48129 -0.26558 48130 -0.13401 48131 -1.192 48132 -0.89268 48133 -2.7406e-002 48134
-2.0978e-002 48135 -0.15118 48136 -3.671e-002 48137 -0.73007 48138 -0.23432 48139
-0.21511 48140 -2.4969e-002 48141 -2.2851e-002 48142 -0.13044 48143 -0.15517 48144
-0.25078 48145 -0.23831 48146 -0.17722 48147 -0.2191 48148 -1.6423e-002 48149 -0.27046
48150 -0.53523 48151 -3.4272e-002 48152 -0.85983 48153 -0.24343 48154 -0.21267 48155
-0.26834 48156 -9.3094e-002 48157 -0.22977 48158 -0.24132 48159 -0.21056 48160 -2.2024
48161 -0.37386 48162 -7.626e-002 48163 -1.5167 48164 -1.5308 48165 -1.297 48166 -5.8283
48167 -4.1613 48168 -1.4844 48169 -0.48275 48170 -1.6501 48171 -3.7473 48172 -11.971
48173 0.62632 48174 -1.1996 48175 -3.0544 48176 4.4275 48177 0.1113 48178 -10.683 48179
-6.476 48180 -1.6063 48181 -9.5344e-002 48182 -1.0101 48183 4.9841 48184 -1.1885 48185
-11.983 48186 -1.3952 48187 2.3944 48188 3.6843 48189 6.2933 48190 36.647 48191 43.236
48192 4.5757 48193 -55.632 48194 5.1719 48195 -82.143 48196 -24.371 48197 9.4009 48198
32.331 48199 1.7705 48200 30.698 48201 0.85573 48202 -86.459 48203 5.7702 48204 11.487
48205 68.264 48206 112.94 48207 -52.976 48208 -28.995 48209 15.895 48210 72.672 48211
-48.568 48212 -8.8664 48213 44.258 48214 59.985 48215 36.86 48216 -42.851 48217 -3.1497
48218 -9.1829 48219 -18.87 48220 12.436 48221 30.756 48222 12.565 48223 3.9733 48224
-9.9333 48225 -6.5128 48226 -24.973 48227 6.3322 48228 2.7484 48229 5.1531 48230 1.7062
48231 -2.7255 48232 0.77532 48233 1.4106 48234 0.35425 48235 7.076e-002 48236 -0.51496
48237 -2.5551 48238 -0.16651 48239 0.5457 48240 -0.34538 48241 -1.1741 48242 9.6512e-
002 48243 -1.2782 48244 -1.0826 48245 1.1113 48246 -0.42425 48247 6.5992e-002 48248
147.14 48249 65.295 48250 71.731 48251 113.46 48252 77.068 48253 49.99 48254 74.254
48255 93.231 48256 91.72 48257 55.326 48258 -31.852 48259 -284.54 48260 40.173 48261
52.499 48262 -55.161 48263 -119.74 48264 -26.515 48265 2.4901 48266 46.61 48267 -1.151
48268 -20.079 48269 -180.3 48270 -117.44 48271 178.93 48272 202.26 48273 -1.5325 48274
23.884 48275 -176.89 48276 -118.6 48277 84.335 48278 112.94 48279 -18.317 48280 -31.189
48281 -97.8 48282 -21.608 48283 60.422 48284 86.849 48285 10.035 48286 -66.088 48287
72.933 48288 -35.173 48289 -7.257 48290 1.6599 48291 41.825 48292 155.16 48293 -97.557
48294 -86.184 48295 6.336 48296 92.792 48297 -192.3 48298 -175.33 48299 -46.88 48300
184.02 48301 -220.06 48302 -223.37 48303 -89.741 48304 -48.092 48305 229.46 48306
196.76 48307 -157.02 48308 -161.93 48309 6.5192 48310 -17.39 48311 144.78 48312 165.32
48313 -159.14 48314 -170.52 48315 -6.101 48316 3.3534 48317 -13.16 48318 26.997 48319

206.81 48320 -42.434 48321 -69.954 48322 47.509 48323 181.14 48324 81.596 48325 34.095
48326 16.369 48327 -7.0237 48328 -35.336 48329 34.9 48330 88.694 48331 56.526 48332
72.627 48333 75.057 48334 38.079 48335 128.85 48336 57.331 48337 20.354 48338 208.79
48339 339.72 48340 387.95 48341 187.5 48342 275.46 48343 302.96 48344 150.74 48345
121.52 48346 238.69 48347 277.28 48348 370.78 48349 176.03 48350 252.18 48351 150.97
48352 307.14 48353 116.61 48354 182.11 48355 96.525 48356 330.36 48357 205.32 48358
115.45 48359 157.74 48360 119.74 48361 56.175 48362 0.32018 48363 25.859 48364 65.009
48365 107.3 48366 62.599 48367 37.064 48368 8.7311 48369 45.471 48370 19.936 48371
-47.124 48372 206.93 48373 -61.594 48374 -89.784 48375 34.317 48376 -10.384 48377
-14.027 48378 -36.055 48379 15.155 48380 194.01 48381 203.56 48382 -142.16 48383 -121.9
48384 18.438 48385 17.01 48386 178.51 48387 174.34 48388 -165.36 48389 -181.24 48390
50.701 48391 -13.499 48392 -48.049 48393 151.33 48394 -219.95 48395 -198.66 48396
-9.0079 48397 -75.153 48398 32.018 48399 180.4 48400 107.39 48401 -161.29 48402 -175.95
48403 20.062 48404 8.0978 48405 109.68 48406 -99.405 48407 -134.23 48408 10.395 48409
-25.675 48410 3.9677 48411 -16.537 48412 -37.951 48413 -0.73547 48414 -14.28 48415
-62.503 48416 111.01 48417 67.429 48418 8.7262 48419 -37.316 48420 -95.213 48421 155.99
48422 152.22 48423 28.206 48424 -196.67 48425 -142.92 48426 156.4 48427 184.58 48428
14.382 48429 46.051 48430 34.677 48431 83.47 48432 -245.3 48433 74.304 48434 96.958
48435 -3.8786 48436 48.318 48437 28.134 48438 8.4078 48439 39.152 48440 -39.031 48441
12.229 48442 76.927 48443 63.54 48444 9.7622 48445 61.023 48446 40.839 48447 561.62
48448 19.014 48449 69.41 48450 206.73 48451 261.76 48452 216.71 48453 -17.832 48454
224.92 48455 32.984 48456 228.36 48457 170.31 48458 107.88 48459 449.03 48460 -14.702
48461 164.67 48462 150.1 48463 194.14 48464 238.41 48465 -67.056 48466 97.742 48467
186.05 48468 3.6672 48469 39.984 48470 62.639 48471 -0.28505 48472 -35.579 48473
-38.198 48474 11.718 48475 42.462 48476 2.1922 48477 -35.721 48478 15.539 48479 71.322
48480 99.503 48481 -37.71 48482 -39.028 48483 81.712 48484 77.938 48485 -46.073 48486
60.684 48487 17.101 48488 -41.601 48489 -1.9519 48490 -1.135 48491 -22.549 48492 14.667
48493 1.1222 48494 -35.212 48495 -70.04 48496 16.858 48497 38.518 48498 -98.494 48499
-113.15 48500 82.86 48501 70.896 48502 -127.4 48503 -106.1 48504 83.549 48505 17.404
48506 -94.507 48507 -110.38 48508 57.353 48509 22.803 48510 -94.997 48511 -74.741 48512
65.596 48513 64.168 48514 3.0615 48515 -21.586 48516 -49.777 48517 3.53 48518 74.324
48519 29.624 48520 28.746 48521 69.946 48522 -3.8489 48523 -25.877 48524 -0.76051
48525 25.333 48526 -0.3582 48527 -0.30775 48528 -0.8887 48529 -0.77088 48530 -0.41534
48531 -0.21766 48532 -0.98113 48533 -1.3954 48534 -0.59043 48535 -0.50956 48536
-0.23489 48537 -3.7216e-002 48538 -1.215 48539 -2.1198 48540 -0.6578 48541 -0.89413
48542 -0.18444 48543 -0.75023 48544 -0.2198 48545 -0.29295 48546 -3.6821e-003 48547
0.13201 48548 1.2469 48549 -0.59858 48550 -0.45998 48551 -0.33943 48552 0.30629 48553
-3.5028e-002 48554 5.489 48555 1.0798 48556 -3.8346e-002 48557 0.55322 48558 -1.4303
48559 -0.93587 48560 1.9211e-002 48561 1.3483 48562 3.4928 48563 -1.5157 48564 -1.2931
48565 5.5854 48566 13.54 48567 10.759 48568 0.87061 48569 5.5928e-002 48570 -5.8549
48571 11.68 48572 15.624 48573 2.9547 48574 13.908 48575 2.14 48576 -3.7709 48577
5.0746 48578 5.2687 48579 18.852 48580 18.315 48581 9.7091 48582 9.6224 48583 2.0626
48584 24.605 48585 16.107 48586 23.649 48587 4.2992 48588 17.504 48589 8.8117 48590
1.2519 48591 9.7608 48592 22.839 48593 3.4886 48594 18.236 48595 18.822 48596 8.0042
48597 9.0925 48598 1.446 48599 23.988 48600 15.491 48601 3.6827 48602 1.2444 48603
-30.935 48604 -58.454 48605 8.3696e-002 48606 59.008 48607 -4.1184 48608 -32.431 48609
-1.4122 48610 57.512 48611 37.805 48612 -85.215 48613 -96.595 48614 67.822 48615 77.277
48616 -85.993 48617 -90.907 48618 53.633 48619 -107.27 48620 -110.58 48621 23.055 48622
64.703 48623 -90.21 48624 -73.245 48625 29.87 48626 55.205 48627 -56.885 48628 -45.511
48629 47.009 48630 30.827 48631 -26.574 48632 1.3412 48633 10.258 48634 22.845 48635
49.272 48636 -27.542 48637 55.932 48638 84.534 48639 -28.951 48640 -46.721 48641
-59.592 48642 91.67 48643 115. 48644 -59.001 48645 -63.378 48646 5.6749 48647 62.788
48648 75.114 48649 2.1551 48650 -32.547 48651 -54.222 48652 17.403 48653 61.522 48654
0.8892 48655 -33.813 48656 13.761 48657 -5.1665 48658 6.2516 48659 6.2236 48660 10.347
48661 9.9569 48662 2.28 48663 25.505 48664 22.577 48665 7.4589 48666 19.975 48667
9.0179 48668 8.9526 48669 1.341 48670 24.566 48671 6.5198 48672 19.036 48673 23.338
48674 9.3795 48675 9.8719 48676 1.313 48677 21.61 48678 6.4918 48679 19.008 48680

3.0806 48681 8.2221 48682 6.921 48683 -0.84708 48684 8.9966e-002 48685 -0.99955 48686
6.4661 48687 10.366 48688 1.2971 48689 21.788 48690 6.4759 48691 1.1446 48692 3.8141
48693 1.386 48694 -4.5079 48695 -4.5132 48696 0.57624 48697 0.1817 48698 -0.53064
48699 -0.28555 48700 -0.23498 48701 5.1821e-002 48702 0.5168 48703 -0.59913 48704
-0.50925 48705 -1.5664 48706 0.20116 48707 1.5206 48708 5.8031 48709 0.24253 48710
-0.19587 48711 -9.0275e-002 48712 -1.8481 48713 -2.0593 48714 -0.52747 48715 -0.93096
48716 -1.4004 48717 -0.64972 48718 -2.0272 48719 -0.89889 48720 -1.3683 48721 -1.0574
48722 -0.61766 48723 -0.4134 48724 -0.38982 48725 -1.2627 48726 -0.51207 48727 -0.2047
48728 -0.19977 48729 -0.18046 48730 -0.26926 48731 -0.28527 48732 -0.28034 48733
-0.26102 48734 -0.34982 48735 -0.33575 48736 -0.30613 48737 -0.31281 48738 -0.35292
48739 -0.22678 48740 -0.19715 48741 -0.20383 48742 -0.18178 48743 -0.24394 48744 35.038
48745 54.281 48746 53.654 48747 49.902 48748 106.96 48749 11.676 48750 30.919 48751
30.291 48752 15.283 48753 26.54 48754 11.966 48755 39.755 48756 13.691 48757 38.122
48758 33.24 48759 61.029 48760 34.965 48761 59.396 48762 39.408 48763 32.406 48764
31.282 48765 70.139 48766 22.676 48767 22.589 48768 37.572 48769 36.616 48770 60.056
48771 70.726 48772 22.175 48773 23.263 48774 38.159 48775 69.602 48776 22.052 48777
23.001 48778 36.079 48779 97.789 48780 92.739 48781 53.633 48782 65.222 48783 65.95
48784 58.107 48785 45.241 48786 42.46 48787 82.631 48788 59.506 48789 19.497 48790
13.463 48791 31.757 48792 35.082 48793 32.5 48794 36.444 48795 73.834 48796 34.728
48797 22.96 48798 7.2744 48799 9.4189 48800 13.564 48801 9.421 48802 0.29243 48803
4.6329 48804 1.1388 48805 1.7304 48806 2.3528 48807 1.2965 48808 0.42726 48809 0.24128
48810 0.37966 48811 -0.85517 48812 -0.44997 48813 -0.1607 48814 -1.1955 48815 7.509e-
002 48816 1.0899 48817 -1.0769 48818 -0.93834 48819 -1.6839 48820 -0.17206 48821
0.60149 48822 -2.9903 48823 -5.3787 48824 -2.8886 48825 -1.8248 48826 -1.3768 48827
-2.1564 48828 -3.0026 48829 66.307 48830 103.47 48831 100.18 48832 64.52 48833 68.934
48834 35.576 48835 34.149 48836 71.312 48837 21.618 48838 21.228 48839 31.246 48840
77.155 48841 27.461 48842 27.954 48843 51.243 48844 39.692 48845 37.089 48846 75.728
48847 25.644 48848 25.579 48849 41.192 48850 35.662 48851 -3.4838 48852 -2.5162 48853
-4.9046 48854 -2.0218 48855 -1.904 48856 -2.1142 48857 -2.5285 48858 -5.5836 48859
-2.7007 48860 -2.9371 48861 -1.669 48862 -2.7932 48863 -7.1568 48864 -4.616 48865
-1.6154 48866 -1.5345 48867 -2.2399 48868 -3.2296 48869 -5.3664 48870 -3.0532 48871
-1.4684 48872 -2.4852 48873 -0.88303 48874 -0.32947 48875 -4.2678e-002 48876 -1.2039
48877 -4.4905e-002 48878 1.7004 48879 0.4223 48880 -1.1021 48881 -1.0122 48882 -1.8867
48883 -0.30182 48884 1.0176 48885 1.2984 48886 0.90384 48887 1.5712 48888 3.3157
48889 -0.93637 48890 0.1915 48891 0.56172 48892 9.8365 48893 7.4084 48894 12.095
48895 22.322 48896 4.0631 48897 1.5145 48898 42.525 48899 25.936 48900 24.635 48901
71.333 48902 34.808 48903 17.804 48904 37.357 48905 28.197 48906 32.097 48907 77.494
48908 43.518 48909 -3.0142 48910 -3.6794 48911 -5.1511 48912 -2.1476 48913 -2.5511
48914 -2.2699 48915 -4.6971 48916 -1.7172 48917 -1.6936 48918 -1.8159 48919 -5.3623
48920 -2.7623 48921 -2.9208 48922 -2.4811 48923 -0.99181 48924 -4.6751 48925 -2.9359
48926 -3.9527 48927 -2.4635 48928 -3.4506 48929 -3.0899 48930 -4.214 48931 -7.693 48932
-5.2488 48933 -3.7821 48934 -4.6283 48935 -8.5777 48936 73.94 48937 66.285 48938 78.355
48939 86.979 48940 75.427 48941 72.825 48942 61.868 48943 75.891 48944 74.936 48945
76.619 48946 -1.4751 48947 -1.1209 48948 -1.3312 48949 -0.92223 48950 -1.2134 48951
-1.6276 48952 -1.5468 48953 12.445 48954 27.34 48955 13.446 48956 14.309 48957 13.995
48958 13.113 48959 23.131 48960 26.225 48961 12.658 48962 22.741 48963 28.206 48964
22.676 48965 -0.85059 48966 -0.97285 48967 -1.2305 48968 -0.94926 48969 -1.7925 48970
482.11 48971 454.42 48972 283. 48973 369.62 48974 408.21 48975 508.44 48976 496.09
48977 460.07 48978 361.5 48979 313.91 48980 413.19 48981 389.84 48982 309.54 48983
-510.04 48984 -506.68 48985 -372.72 48986 -349.38 48987 -316.39 48988 -319.01 48989
-317.69 48990 -302.73 48991 -396.05 48992 -495.21 48993 -467.92 48994 -444.76 48995
-351.41 48996 -323.09 48997 -420.32 48998 -365.99 48999 -352.01 49000 -326.6 49001
502.65 49002 481.97 49003 335.59 49004 436.34 49005 435.1 49006 411.74 49007 417.85
49008 -456.28 49009 -409.19 49010 -322.32 49011 -384.75 49012 -345.65 49013 -346.77
49014 -381.9 49015 -339.45 49016 -361.21 49017 -259.36 49018 -289.15 49019 -325.97
49020 23.363 49021 -202.07 49022 -159.71 49023 -94.07 49024 -18.357 49025 -49.48 49026
-173.23 49027 -84.015 49028 -47.91 49029 -101.79 49030 -26.591 49031 275.72 49032 179.25

49033 120.66 49034 248.01 49035 126.89 49036 91.111 49037 112.43 49038 492.99 49039 392.92 49040 361.34 49041 297.85 49042 353.82 49043 423.92 49044 240.23 49045 404.04 49046 383.67 49047 224.05 49048 249.39 49049 564.22 49050 496.85 49051 547.1 49052 323.15 49053 507.97 49054 364.8 49055 453.68 49056 353.31 49057 350.06 49058 469.62 49059 501.47 49060 479.48 49061 320.52 49062 377.83 49063 422.75 49064 319.09 49065 313.63 49066 415.63 49067 442.71 49068 492.96 49069 398.4 49070 455.28 49071 328.3 49072 369.33 49073 447.2 49074 373.34 49075 190.3 49076 269.37 49077 325.39 49078 203.66 49079 255.29 49080 185.6 49081 243.33 49082 207.26 49083 300.34 49084 229.38 49085 -91.138 49086 -17.247 49087 51.34 49088 7.1196 49089 33.285 49090 -19.909 49091 -11.985 49092 19.74 49093 77.06 49094 -278.16 49095 -212.01 49096 -146.37 49097 -260.26 49098 -149.03 49099 -141.11 49100 -177.41 49101 -154.74 49102 -246.12 49103 -281.16 49104 -259.64 49105 -302.92 49106 -188.2 49107 -267.68 49108 503.23 49109 482.56 49110 514.4 49111 496.97 49112 341.27 49113 475.27 49114 420.98 49115 317.36 49116 454.28 49117 468.68 49118 303.53 49119 312.99 49120 408.65 49121 390.15 49122 -394.49 49123 -347.4 49124 -269.91 49125 -304.95 49126 -318.15 49127 -326.71 49128 -235.31 49129 -212.64 49130 -405.83 49131 -295.62 49132 -342.29 49133 -263.95 49134 -271.07 49135 465.45 49136 443.46 49137 448.01 49138 437.65 49139 387.97 49140 386.73 49141 -316.29 49142 -338.05 49143 -334.3 49144 -265.99 49145 -138.12 49146 -238.8 49147 -252.01 49148 -217.28 49149 -260.56 49150 -132.86 49151 3.2299 49152 -3.8953 49153 -151.64 49154 -21.443 49155 -67.221 49156 -5.0042 49157 137.53 49158 264.87 49159 252.14 49160 130.4 49161 188.6 49162 257.35 49163 112.85 49164 248.93 49165 143.76 49166 287.2 49167 129.29 49168 227.08 49169 447.04 49170 365.21 49171 352.47 49172 409.36 49173 471.95 49174 407.9 49175 387.53 49176 401.27 49177 327.42 49178 475.3 49179 479.85 49180 522.21 49181 469.5 49182 458.15 49183 373.66 49184 451.52 49185 -295.6 49186 71.817 49187 54.27 49188 70.708 49189 320.9 49190 326.11 49191 212.52 49192 355.96 49193 343.23 49194 283.11 49195 122.89 49196 47.144 49197 1.3668 49198 161.37 49199 90.412 49200 -8.2166e-004 49201 1.0401e-003 49202 8.5706e-007 49203 3.6312e-005 49204 2.1977e-003 49205 4.1586e-004 49206 1.3725e-003 49207 1.1279e-003 49208 -1.5327e-003 49209 8.1007e-003 49210 -3.0387e-004 49211 7.4296e-004 49212 1.671e-003 49213 2.1622e-003 49214 1.8524e-003 49215 -3.2274e-003 49216 -0.19597 49217 5.1976e-003 49218 -7.9798e-003 49219 1.3599e-002 49220 2.2438e-004 49221 2.6051e-003 49222 7.7191e-003 49223 4.6277e-003 49224 2.9455e-004 49225 7.5659e-004 49226 9.6864e-004 49227 4.858e-004 49228 1.3815e-003 49229 8.5051e-004 49230 -3.9682e-003 49231 -1.8781e-003 49232 -6.8744e-004 49233 -8.8133e-003 49234 -1.3265e-003 49235 -4.5647e-003 49236 5.8667e-004 49237 -5.5325e-003 49238 7.392e-004 49239 -1.8951e-003 49240 7.7382e-003 49241 2.8447e-003 49242 3.68e-003 49243 5.4373e-004 49244 7.6362e-004 49245 -1.1398e-004 49246 0.21285 49247 -0.51527 49248 0.47574 49249 0.19167 49250 -5.0333e-002 49251 -8.236e-002 49252 -0.64227 49253 0.121 49254 3.3321e-002 49255 -5.292e-002 49256 -0.16608 49257 -7.9321e-002 49258 2.43e-004 49259 9.0413e-003 49260 -2.9189e-002 49261 7.5892e-002 49262 9.4966e-002 49263 0.42186 49264 0.16753 49265 5.4372e-002 49266 7.7053e-002 49267 0.14105 49268 3.6459e-002 49269 0.17652 49270 0.16869 49271 5.5533e-002 49272 -0.11421 49273 -1.0961e-002 49274 -0.67657 49275 3.0371e-002 49276 -0.18746 49277 -1.6464e-003 49278 -2.8155e-003 49279 -0.62027 49280 -1.0387e-002 49281 -5.6168e-003 49282 5.586e-003 49283 -9.1251e-004 49284 5.3506e-003 49285 1.0127e-003 49286 -0.17666 49287 3.4247 49288 -0.28982 49289 -8.9839e-002 49290 -8.1896e-002 49291 -0.28175 49292 -8.1771e-002 49293 1.1374e-002 49294 -1.6626e-002 49295 3.498 49296 0.10162 49297 -1.6501e-002 49298 4.5744e-002 49299 -0.76963 49300 9.5138e-003 49301 0.24908 49302 -2.6613 49303 -2.5103 49304 -2.2734 49305 -1.2372 49306 1.9049 49307 -1.4905 49308 -4.402 49309 -4.1119 49310 -1.5593 49311 -0.77641 49312 -3.6879 49313 -0.66249 49314 -0.53953 49315 -7.9976e-004 49316 -8.3717e-003 49317 -3.601e-003 49318 -6.1716e-003 49319 -8.5183e-003 49320 3.9122e-002 49321 1.456e-003 49322 -7.7598e-003 49323 1.0838e-003 49324 1.3559e-003 49325 4.5457e-002 49326 -1.398e-004 49327 3.5611e-003 49328 -0.54489 49329 -0.44827 49330 -0.9588 49331 -0.15458 49332 1.6439 49333 -0.15636 49334 -0.30768 49335 -0.21631 49336 -1.3985e-002 49337 -1.5768e-002 49338 -0.16168 49339 8.0851e-002 49340 -8.75e-002 49341 -5.7936e-002 49342 -0.16076 49343 -7.7816e-002 49344 -4.1334e-003 49345 -0.18064 49346 -8.0278e-002 49347 -0.15107 49348 0.12308 49349 2.9108e-002 49350 0.12038 49351 -0.30681 49352 -2.6529e-003 49353

3.2802e-002 49354 0.15105 49355 2.904e-002 49356 9.5171e-002 49357 3.9289e-003 49358
4.7811e-003 49359 1.0231e-003 49360 1.9523e-002 49361 1.3732e-003 49362 -2.3848e-003
49363 -9.1087e-004 49364 -1.5326e-003 49365 2.7166e-003 49366 -5.8641e-005 49367
3.9336e-003 49368 3.342e-003 49369 3.2238e-003 49370 1.6231e-003 49371 2.0257e-003
49372 3.0683e-004 49373 1.316e-003 49374 -2.8482e-004 49375 -5.5329e-003 49376
-4.9588e-003 49377 -3.0726e-003 49378 2.2623e-002 49379 -3.5166e-002 49380 -1.2251e-
004 49381 8.5142e-003 49382 4.0156e-003 49383 9.8989e-003 49384 2.2697e-003 49385
1.3351e-002 49386 4.9673e-003 49387 1.0473e-002 49388 1.3925e-002 49389 2.5253e-004
49390 1.7293e-004 49391 -5.9238e-003 49392 -5.4811e-004 49393 -2.3163e-004 49394
-1.9419e-004 49395 8.1126e-005 49396 -2.101e-004 49397 -1.8911e-003 49398 -2.0357e-004
49399 5.7365e-003 49400 -4.3281e-003 49401 -7.0704e-004 49402 -4.7413e-003 49403
-3.9827e-003 49404 -4.8316e-003 49405 5.3574e-004 49406 -3.144e-003 49407 3.3559e-004
49408 9.1059e-002 49409 0.13023 49410 0.16162 49411 0.20295 49412 0.11953 49413
-9.5408e-003 49414 6.4326e-003 49415 -9.8668e-005 49416 2.8316e-004 49417 3.1868e-002
49418 -1.0911e-003 49419 -2.3417e-003 49420 7.0086e-004 49421 -6.7342e-004 49422
2.2442e-003 49423 9.6446e-004 49424 6.3519e-003 49425 -2.1179e-003 49426 2.9756e-005
49427 -1.6604e-003 49428 -8.1189e-004 49429 1.7855e-003 49430 -1.9231e-003 49431
4.5718e-002 49432 -2.391e-003 49433 -1.115e-004 49434 -3.3794e-003 49435 -3.8473e-003
49436 -1.6549e-003 49437 -1.092e-004 49438 -2.2918e-005 49439 -1.0251e-004 49440
-5.0707e-004 49441 1.2804e-004 49442 -2.7652e-004 49443 4.9261e-003 49444 6.7171e-002
49445 8.2551e-004 49446 -3.5612e-004 49447 -4.3361e-005 49448 -3.3458e-004 49449
-2.9159e-004 49450 -1.9997e-003 49451 1.48e-004 49452 -1.5422e-003 49453 -2.8007e-004
49454 -4.288e-003 49455 1.9251e-003 49456 -6.3294e-003 49457 -7.5559e-003 49458
8.0518e-004 49459 6.5003e-004 49460 4.427e-002 49461 -5.4891e-004 49462 -1.4998e-003
49463 6.0278e-003 49464 1.1081e-003 49465 1.4329e-003 49466 -9.0791e-005 49467
6.4859e-003 49468 4.725e-004 49469 -2.4594e-004 49470 -2.8799e-005 49471 -1.1968e-003
49472 4.5839e-004 49473 7.337e-004 49474 6.6555e-003 49475 -1.5037e-003 49476
-5.0929e-004 49477 2.1972e-003 49478 0.14044 49479 -7.739e-002 49480 -1.192e-004 49481
1.1554e-003 49482 1.1612e-004 49483 -1.2431e-003 49484 4.3256e-004 49485 -2.2515e-004
49486 8.6648e-004 49487 1.1153e-003 49488 7.855e-004 49489 -1.8488e-003 49490
-6.1129e-003 49491 -7.468e-004 49492 -7.595e-005 49493 -1.6767e-003 49494 -5.4902e-004
49495 3.6269e-003 49496 7.4657e-003 49497 1.3465e-003 49498 5.8515e-002 49499
7.2862e-002 49500 -0.10391 49501 9.607e-002 49502 0.13266 49503 1.4289e-003 49504
-3.2505e-002 49505 -3.6391e-002 49506 -9.2761e-002 49507 3.5395e-002 49508 2.974e-002
49509 9.8452e-002 49510 8.5502e-002 49511 2.9178e-002 49512 -5.7471e-002 49513 3.454e-
002 49514 1.6448e-004 49515 1.9926e-003 49516 -3.397e-003 49517 1.9496e-003 49518
2.7849e-003 49519 1.0031e-003 49520 2.5588e-004 49521 -6.9749e-004 49522 -3.8101e-004
49523 -3.5948e-004 49524 1.3758e-003 49525 -6.7966e-003 49526 3.1845e-003 49527
-2.0283e-003 49528 -9.56e-003 49529 9.8457e-004 49530 -2.1067e-003 49531 -6.4399e-003
49532 -1.7311e-003 49533 9.4717e-003 49534 -6.9655e-004 49535 -2.7428e-004 49536
-1.9306e-003 49537 -3.8645e-003 49538 -1.611e-004 49539 5.8782e-005 49540 6.1022e-003
49541 1.987e-003 49542 7.4461e-004 49543 6.952e-004 49544 1.0591e-002 49545 3.0967e-
004 49546 8.5499e-004 49547 6.7049e-003 49548 -1.765e-003 49549 1.0156e-002 49550
5.4625e-003 49551 -2.1668e-003 49552 8.9141e-003 49553 4.4188e-004 49554 -4.6588e-004
49555 -8.6331e-005 49556 1.8898e-004 49557 -1.0224e-004 49558 -1.3812e-004 49559
5.1835e-004 49560 2.0403e-003 49561 -1.8113e-003 49562 1.8896e-003 49563 2.3405e-004
49564 1.0034e-003 49565 -1.3262e-003 49566 -3.3181e-004 49567 2.3746e-003 49568
3.2586e-004 49569 -6.1257e-005 49570 6.8173e-003 49571 2.4488e-004 49572 6.0959e-004
49573 2.4325e-004 49574 5.4939e-004 49575 1.6227e-004 49576 5.2698e-004 49577
6.7448e-004 49578 -2.0813e-003 49579 -1.8362e-003 49580 7.7972e-003 49581 -6.0736e-004
49582 -0.10472 49583 -0.10442 49584 -3.399e-002 49585 0.16834 49586 0.16655 49587
1.6128e-004 49588 -4.3346e-004 49589 -2.0333e-003 49590 -2.4587e-003 49591 1.7136e-004
49592 -2.4621e-003 49593 1.0602e-004 49594 -2.7263e-004 49595 9.3512e-004 49596
-6.7698e-004 49597 -4.5984e-004 49598 2.4588e-004 49599 -6.6187e-004 49600 -4.4473e-
004 49601 -1.7237e-002 49602 -1.3611e-002 49603 3.6845e-003 49604 -1.318e-002 49605
4.1159e-003 49606 -6.824e-003 49607 -1.4272e-003 49608 7.7415e-003 49609 -8.7889e-003
49610 4.1798e-003 49611 -3.182e-003 49612 3.0311e-003 49613 1.3296e-004 49614

-2.4486e-003 49615 -1.9911e-003 49616 -5.3712e-004 49617 -0.25521 49618 -0.36603 49619
0.58598 49620 -0.75622 49621 -0.16999 49622 -0.59718 49623 -3.7903e-002 49624 -0.26906
49625 3.5099e-002 49626 -6.6207e-004 49627 -2.5672e-003 49628 -7.3256e-004 49629
-3.3586e-003 49630 1.5505e-003 49631 -9.2181e-004 49632 -2.2313e-003 49633 -6.1549e-
003 49634 4.3897e-003 49635 5.1741e-005 49636 -2.4206e-003 49637 -1.5775e-004 49638
-5.8591e-004 49639 2.8939e-004 49640 6.2411e-004 49641 -1.9156e-003 49642 -2.1317e-003
49643 -1.1372e-004 49644 -2.8695e-003 49645 1.3797e-003 49646 -2.5348e-003 49647
2.3621e-002 49648 -8.9806e-002 49649 -0.34049 49650 0.21015 49651 0.14229 49652
-5.6353e-002 49653 1.3716e-002 49654 -9.8409e-002 49655 0.17575 49656 0.13017 49657
6.2321e-002 49658 0.10149 49659 0.38395 49660 0.38755 49661 1.336 49662 0.57999 49663
0.69009 49664 -0.14513 49665 4.7314e-002 49666 -0.37988 49667 -0.143 49668 5.0911e-002
49669 0.16102 49670 -7.9237e-004 49671 -2.0429e-003 49672 -3.4701e-004 49673 -4.7585e-
004 49674 2.3007e-003 49675 -2.2666e-002 49676 -0.14177 49677 -9.8525e-002 49678
-8.3675e-002 49679 -0.31818 49680 2.0789e-004 49681 -7.9089e-003 49682 -3.185e-002
49683 0.16797 49684 -4.23e-002 49685 -1.7426e-002 49686 1.0354e-002 49687 -2.7876e-002
49688 -5.1817e-002 49689 1.8435e-002 49690 -3.6175e-002 49691 -2.57e-002 49692
-0.28307 49693 -1.2598 49694 6.5059e-002 49695 -4.8098e-002 49696 4.9261e-002 49697
-5.2839e-002 49698 0.14002 49699 3.6873e-002 49700 0.1505 49701 3.7338e-002 49702
-8.3951e-004 49703 8.3044e-002 49704 -0.13479 49705 9.7894e-002 49706 1.4475e-002
49707 4.8395e-002 49708 0.15955 49709 -0.26578 49710 -0.23085 49711 8.832 49712 33.264
49713 13.276 49714 11.625 49715 22.882 49716 19.634 49717 17.918 49718 -0.67173 49719
9.4549e-002 49720 -0.24386 49721 0.23315 49722 1.0067 49723 20.797 49724 21.862 49725
10.094 49726 0.12353 49727 0.18109 49728 1.296 49729 0.79323 49730 -0.50989 49731
-0.69586 49732 0.25923 49733 0.55078 49734 2.2652 49735 -0.59876 49736 -0.1043 49737
3.4077e-002 49738 5.2901 49739 0.28165 49740 0.50417 49741 12.725 49742 -1.6918 49743
2.6487 49744 7.3133 49745 10.638 49746 1.4025 49747 3.5989 49748 48.035 49749 21.113
49750 -28.497 49751 22.713 49752 101.43 49753 0.59622 49754 51.857 49755 -78.715 49756
45.386 49757 0.68535 49758 134.9 49759 25.869 49760 23.25 49761 173.9 49762 3.6961
49763 36.683 49764 35.365 49765 184.21 49766 63.547 49767 162.58 49768 45.684 49769
38.566 49770 142.78 49771 34.791 49772 83.182 49773 24.479 49774 18.772 49775 18.289
49776 -19.103 49777 20.546 49778 -24.436 49779 -0.76459 49780 -60.704 49781 -8.6338
49782 -22.178 49783 -110.39 49784 -23.489 49785 -1.829 49786 -169.98 49787 -0.58635
49788 -36.656 49789 -209.4 49790 -13.386 49791 -25.35 49792 -238.99 49793 -28.045 49794
-232.63 49795 -42.976 49796 -109.12 49797 -196.72 49798 -87.827 49799 -79.406 49800
-197.98 49801 -64.789 49802 -199.82 49803 -46.116 49804 -80.666 49805 -165.53 49806
-25.198 49807 -26.626 49808 -32.086 49809 -126.09 49810 -6.3692 49811 17.195 49812
12.817 49813 -0.54855 49814 0.16186 49815 11.608 49816 23.029 49817 14.207 49818
7.3756 49819 26.929 49820 6.2861 49821 -0.17187 49822 0.25174 49823 1.5712 49824
0.29311 49825 10.593 49826 6.0745 49827 2.2654 49828 4.985 49829 5.8519 49830 -4.203e-
002 49831 -4.7371e-002 49832 2.3132 49833 7.8471e-002 49834 -2.4701 49835 0.80808
49836 -1.0321 49837 9.5749e-002 49838 0.26423 49839 -0.2988 49840 7.1425e-002 49841
0.57991 49842 -7.7882e-002 49843 74.516 49844 26.755 49845 -36.298 49846 33.938 49847
-92.13 49848 25.333 49849 5.6261 49850 59.42 49851 130.96 49852 23.3 49853 70.874
49854 51.947 49855 -146.8 49856 -2.1865 49857 -185.34 49858 -20.922 49859 -29.341 49860
-186.38 49861 -32.301 49862 -22.847 49863 -180.96 49864 -12.511 49865 -36.419 49866
-198.56 49867 -41.334 49868 -214.56 49869 -80.926 49870 -39.278 49871 -54.02 49872
-199.49 49873 -84.237 49874 -164.15 49875 -65.862 49876 -35.702 49877 -131.78 49878
-44.072 49879 -18.737 49880 -105.01 49881 -12.487 49882 -28.668 49883 -73.73 49884
-1.1134 49885 -25.911 49886 18.79 49887 -16.994 49888 25.203 49889 -25.184 49890 10.921
49891 74.829 49892 -1.9854 49893 109.32 49894 24.442 49895 145.99 49896 32.51 49897
14.74 49898 1.8681 49899 181.14 49900 30.47 49901 211.01 49902 37.015 49903 7.2217
49904 32.638 49905 188.81 49906 55.964 49907 35.626 49908 13.951 49909 -28.951 49910
10.438 49911 70.645 49912 40.691 49913 72.326 49914 86.878 49915 -0.62273 49916
0.69673 49917 -1.3775 49918 -2.0995 49919 0.9294 49920 1.707 49921 1.8558 49922
0.57768 49923 -8.0109e-002 49924 3.4928 49925 -1.3101 49926 -0.75927 49927 0.3686
49928 0.73882 49929 23.024 49930 9.0168 49931 -2.426 49932 4.7648 49933 2.2162 49934
7.8012 49935 16.247 49936 -6.556 49937 12.443 49938 12.438 49939 -3.8507 49940 0.43437

49941 0.98517 49942 -1.287 49943 35.224 49944 45.361 49945 59.252 49946 47.484 49947
71.569 49948 72.631 49949 2.1541 49950 -0.51236 49951 0.26119 49952 -1.2919 49953
-0.78411 49954 33.916 49955 27.684 49956 11.582 49957 -6.7734 49958 9.4921 49959 2.4531
49960 6.7936 49961 1.5733 49962 5.0343 49963 0.70408 49964 0.65648 49965 -0.35223
49966 1.5318 49967 0.70843 49968 -0.43966 49969 3.0611 49970 2.6508 49971 69.274 49972
61.052 49973 179.84 49974 13.926 49975 58.599 49976 45.876 49977 -0.25421 49978
-0.27626 49979 -2.1406 49980 -1.4546 49981 -0.31471 49982 -237.62 49983 -136.38 49984
-158.89 49985 -149.99 49986 -208.05 49987 -151.77 49988 -270.47 49989 -172.89 49990
-231.38 49991 -136.53 49992 -201.71 49993 -155.53 49994 -165.42 49995 -180.35 49996
-156.52 49997 -208.09 49998 -277. 49999 -113.09 50000 -165.65 50001 -107.43 50002 -115.65
50003 -137.33 50004 -180.23 50005 -162. 50006 78.665 50007 2.9239 50008 2.4164 50009
-50.777 50010 -42.854 50011 -79.154 50012 -11.128 50013 46.192 50014 248.03 50015
191.36 50016 311.79 50017 184.8 50018 172.84 50019 229.85 50020 158.89 50021 252.48
50022 358.18 50023 373.87 50024 231.2 50025 214.91 50026 272.22 50027 350.09 50028
10.807 50029 117.79 50030 98.307 50031 11.96 50032 65.256 50033 130.76 50034 15.581
50035 45.175 50036 37.595 50037 18.207 50038 78.794 50039 -22.547 50040 -2.2824 50041
-2.3284 50042 1.3385 50043 -3.0088 50044 -12.841 50045 -2.5143 50046 -1.3147 50047
-64.173 50048 -21.394 50049 -24.988 50050 -40.818 50051 -35.465 50052 -22.12 50053
-31.952 50054 -78.173 50055 -41.807 50056 -26.238 50057 -21.898 50058 111.67 50059
-107.05 50060 167.64 50061 23.147 50062 -17.837 50063 54.052 50064 18.268 50065 -35.608
50066 39.586 50067 253.7 50068 262.61 50069 332.71 50070 149.02 50071 132.84 50072
158.18 50073 259.04 50074 379.77 50075 381.59 50076 359.89 50077 216.73 50078 305.6
50079 205.24 50080 10.585 50081 121.01 50082 11.858 50083 83.764 50084 14.001 50085
78.407 50086 77.071 50087 18.432 50088 36.312 50089 48.402 50090 165.03 50091 -35.216
50092 -45.108 50093 -2.2545 50094 -3.9481 50095 -3.3973 50096 -0.1121 50097 -21.007
50098 -2.2695 50099 -5.9459 50100 -76.796 50101 -91.731 50102 -119.47 50103 -61.246
50104 -52.695 50105 -56.634 50106 -37.634 50107 -37.64 50108 331.93 50109 191.05 50110
172.97 50111 275.2 50112 171.54 50113 339.87 50114 180.07 50115 174.72 50116 184.17
50117 279.83 50118 263.88 50119 -265.53 50120 -135.33 50121 -308.8 50122 -181.1 50123
-217.4 50124 -43.909 50125 -43.835 50126 -126.11 50127 -101.62 50128 -77.79 50129
-54.467 50130 -62.587 50131 -100.69 50132 -100.6 50133 -274.08 50134 -159.36 50135
-146.38 50136 -84.164 50137 -238.84 50138 301.51 50139 105.34 50140 241.41 50141 59.561
50142 219.57 50143 148.61 50144 437.63 50145 361.84 50146 484.53 50147 294.95 50148
400.11 50149 413.84 50150 339.99 50151 312.44 50152 500.22 50153 447.51 50154 294.36
50155 351.67 50156 396.59 50157 429.54 50158 85.218 50159 306.63 50160 120.3 50161
138.51 50162 204.01 50163 255.71 50164 232.35 50165 152.05 50166 -1.0554 50167 33.957
50168 7.2526 50169 52.167 50170 2.4914 50171 -11.688 50172 -4.7195 50173 -0.16179
50174 388.68 50175 174.09 50176 310.17 50177 432.86 50178 205. 50179 348.44 50180
190.53 50181 460.6 50182 502.95 50183 438.9 50184 418.53 50185 284.24 50186 302.62
50187 504.77 50188 452.06 50189 306.72 50190 440.72 50191 402.38 50192 386.43 50193
70.925 50194 34.031 50195 -2.6748 50196 7.3267 50197 1.1612 50198 -11.614 50199 -19.734
50200 23.472 50201 -4.6454 50202 292.27 50203 105.94 50204 141.84 50205 137.47 50206
242.59 50207 95.379 50208 224.09 50209 165.67 50210 -16.181 50211 46.036 50212 424.43
50213 340.02 50214 279.9 50215 494.42 50216 483.07 50217 462.71 50218 476.44 50219
255.37 50220 392.02 50221 390.78 50222 367.42 50223 42.339 50224 87.253 50225 104.94
50226 205.69 50227 58.485 50228 181.09 50229 -0.66316 50230 -0.49157 50231 -0.9115
50232 -0.19759 50233 -1.0549 50234 -1.2281 50235 -0.34096 50236 -1.5711 50237 0.20849
50238 -1.3514 50239 1.297 50240 2.6118 50241 1.0168 50242 2.2693 50243 1.9316 50244
1.2719 50245 2.4133 50246 2.6127 50247 2.0756 50248 2.6458 50249 0.92854 50250 2.4436
50251 2.1067 50252 2.4766 50253 0.56136 50254 1.9326 50255 1.2115 50256 1.006 50257
2.3025 50258 -0.28844 50259 -0.45215 50260 5.3004e-002 50261 0.32483 50262 -0.44358
50263 0.49767 50264 -0.25997 50265 -5.0797e-002 50266 -0.37991 50267 -0.4697 50268
-0.57416 50269 -0.28609 50270 -0.41437 50271 -0.63952 50272 -0.7613 50273 -0.44593
50274 -0.35144 50275 -0.42342 50276 -0.7304 50277 -0.6954 50278 -0.41503 50279 -0.88328
50280 -0.73534 50281 -0.45497 50282 -0.16937 50283 9.3434 50284 2.4756 50285 3.7281
50286 4.3165 50287 3.3905 50288 3.417 50289 2.6471 50290 13.211 50291 9.001 50292
9.2004 50293 9.5893 50294 8.6633 50295 12.07 50296 15.577 50297 9.1107 50298 7.7953

50299 7.4584 50300 10.665 50301 7.8283 50302 3.6637 50303 4.763 50304 4.042 50305
4.3481 50306 3.8365 50307 7.9697 50308 4.2212 50309 5.133 50310 2.2824 50311 -1.039
50312 0.13499 50313 -0.63341 50314 -1.3615 50315 -0.24063 50316 -0.94247 50317 -1.6029
50318 -1.0305 50319 -1.1349 50320 -1.7585 50321 -1.9016 50322 -1.3395 50323 -1.7718
50324 -1.3017 50325 -1.4235 50326 -1.1081 50327 -1.9253 50328 -1.0137 50329 -2.2085
50330 -1.5385 50331 -1.4256 50332 -1.3906 50333 -1.7118 50334 -1.1102 50335 -2.2106
50336 -1.1553 50337 -1.4765 50338 -0.87489 50339 -0.5893 50340 -1.5998 50341 0.64015
50342 1.0185 50343 0.81299 50344 0.26452 50345 1.2903 50346 1.5964 50347 1.0848 50348
-0.95957 50349 0.53635 50350 1.4695 50351 -0.1655 50352 1.7955 50353 0.50264 50354
1.0521 50355 3.585 50356 3.048 50357 3.4476 50358 3.2474 50359 6.6542 50360 3.8175
50361 2.3897 50362 3.4806 50363 1.4632 50364 2.7596 50365 -0.7293 50366 -1.3529 50367
-0.44123 50368 -0.23206 50369 -0.95555 50370 -1.4574 50371 -0.54569 50372 -1.0423 50373
-0.76195 50374 -0.66747 50375 -0.72696 50376 -1.3833 50377 -0.52561 50378 -0.82057
50379 -1.2877 50380 -0.66828 50381 -0.77056 50382 -2.1083 50383 -2.3054 50384 -2.2721
50385 -0.89369 50386 -1.3128 50387 -1.8711 50388 -2.0394 50389 -1.968 50390 -1.9146
50391 -1.1491 50392 -1.6129 50393 -15.405 50394 -9.2105 50395 -5.2344 50396 -3.9445
50397 -0.78715 50398 -0.34713 50399 -0.49536 50400 -10.672 50401 -10.729 50402 -5.7315
50403 3.3503 50404 -4.217 50405 -6.0429 50406 0.26274 50407 -2.3795 50408 -5.2595 50409
-3.0214 50410 -2.8017 50411 -1.3765 50412 -0.76012 50413 -1.4741 50414 -8.4789 50415
-5.9677 50416 -3.6913 50417 -4.3007 50418 -6.3979 50419 -4.5738 50420 -15.455 50421
0.42159 50422 -6.884e-002 50423 -1.2403 50424 -0.42703 50425 -0.21208 50426 -0.74735
50427 -10.484 50428 -6.2117 50429 -5.4484 50430 -4.9793 50431 -3.0193 50432 -4.9581
50433 -6.0297 50434 2.484 50435 -5.1417 50436 -7.3766 50437 -3.164 50438 -1.8452 50439
-2.3505 50440 -2.1687 50441 -1.4773 50442 -1.6066 50443 -3.5944 50444 -3.3624 50445
-2.8004 50446 22.699 50447 42.073 50448 60.732 50449 99.714 50450 75.596 50451 130.55
50452 48.734 50453 92.576 50454 83.943 50455 159.66 50456 90.592 50457 153.09 50458
123.38 50459 139.61 50460 150.75 50461 17.615 50462 86.428 50463 70.513 50464 50.722
50465 124.43 50466 124.38 50467 191.51 50468 160.06 50469 4.7458e-002 50470 4.6222e-
002 50471 4.0466e-002 50472 4.5525e-002 50473 4.4197e-002 50474 4.6361e-002 50475
4.4579e-002 50476 5.0461e-002 50477 -6.39e-003 50478 -0.62087 50479 -5.0745e-003 50480
4.8041e-003 50481 1.3426e-002 50482 -6.2149e-003 50483 2.8458e-003 50484 7.0408e-003
50485 7.9365e-003 50486 7.4055e-003 50487 0.18316 50488 -1.8315e-002 50489 6.8442e-
002 50490 0.14801 50491 0.12141 50492 1.4888 50493 0.27097 50494 0.21826 50495
5.7158e-004 50496 2.0338e-003 50497 -1.0897e-002 50498 -1.0405e-003 50499 -1.8178e-003
50500 -8.2339e-004 50501 -2.5202e-002 50502 -1.9914e-003 50503 -2.4244e-002 50504
-3.7266e-003 50505 -2.8309e-003 50506 3.2725e-003 50507 1.1894e-002 50508 -3.3704e-003
50509 -4.0792e-003 50510 -2.5665e-002 50511 -3.3383e-003 50512 -1.7712e-003 50513
-1.4598e-002 50514 3.9364e-003 50515 1.1114e-002 50516 4.9949e-003 50517 1.1038e-002
50518 9.5853e-002 50519 1.1216e-002 50520 9.3226e-003 50521 2.3605e-003 50522
5.1499e-002 50523 8.0901e-003 50524 -3.4692e-002 50525 1.4287e-002 50526 0.41309
50527 0.99932 50528 0.57213 50529 52.687 50530 -2.6313e-003 50531 -3.3232e-002 50532
-3.0568e-003 50533 -1.7508e-003 50534 -6.036e-002 50535 8.8647e-003 50536 0.14746
50537 -1.4317 50538 -0.13661 50539 -0.22003 50540 0.29765 50541 -3.29e-003 50542
4.8679e-003 50543 2.0857e-003 50544 2.4022e-003 50545 2.4396e-003 50546 -9.6891e-003
50547 1.6723e-004 50548 -2.3995e-002 50549 6.7439e-003 50550 -2.6526e-002 50551
-4.6566e-003 50552 -4.1991e-003 50553 -3.3506e-003 50554 -6.196e-002 50555 -0.77006
50556 -0.46591 50557 -0.54192 50558 -0.33107 50559 -0.34402 50560 -0.95163 50561 34.258
50562 -0.12051 50563 0.50308 50564 -0.18836 50565 0.54235 50566 -3.6573e-003 50567
-7.3966e-004 50568 -3.212e-003 50569 -3.3408e-003 50570 -1.6168e-002 50571 5.0694e-004
50572 -1.382e-002 50573 8.5215e-004 50574 -2.1574e-002 50575 4.553e-003 50576 -0.35191
50577 0.86192 50578 0.18193 50579 0.45469 50580 0.50707 50581 -29.109 50582 -37.332
50583 -8.6863 50584 2.5482 50585 -5.5027 50586 -2.7831 50587 -0.80537 50588 34.215
50589 -1.8222 50590 56.352 50591 36.645 50592 4.7966 50593 -0.33294 50594 34.766 50595
-43.75 50596 -4.6976 50597 -37.107 50598 9.1929 50599 14.105 50600 -39.673 50601 -23.394
50602 -21.858 50603 -8.4856 50604 0.47657 50605 3.0202 50606 28.211 50607 -9.4351e-002
50608 25.802 50609 0.26633 50610 -0.85782 50611 0.3537 50612 24.924 50613 5.5364 50614
0.24759 50615 -0.87556 50616 -0.74337 50617 -2.6758 50618 -0.28728 50619 -1.207 50620

-0.22841 50621 -5.859 50622 -61.666 50623 -11.944 50624 -0.86188 50625 -30.405 50626
-1.1733 50627 -3.8865 50628 -2.7194 50629 -2.3783 50630 -10.943 50631 -0.90939 50632
0.36484 50633 -7.4877 50634 -63.029 50635 0.72343 50636 -20.174 50637 -11.767 50638
-0.84727 50639 -0.90161 50640 -3.8928 50641 -0.62843 50642 -1.3526 50643 -0.88346 50644
-3.8426 50645 -1.3024 50646 -12.006 50647 -18.884 50648 -6.0296 50649 -5.1596 50650
-5.3985 50651 -4.6484 50652 -13.51 50653 4.5601 50654 -4.1716 50655 -1.7869 50656
-4.3735 50657 -4.9712 50658 -5.2662 50659 -7.412 50660 -18.399 50661 -25.879 50662
-29.331 50663 -7.8096 50664 -14.157 50665 54.793 50666 8.3361 50667 -4.1636 50668
-16.477 50669 -3.6868 50670 -1.3021 50671 -4.0437 50672 -3.1619 50673 -3.2935 50674
-3.6164 50675 -3.9114 50676 -3.2569 50677 -2.6822 50678 -3.004 50679 -3.4009 50680
-12.394 50681 -2.8597 50682 -3.2576 50683 -4.1503 50684 -1.9779 50685 -1.5755 50686
-3.2685 50687 -2.6141 50688 -2.0393 50689 -2.3055 50690 -2.0324 50691 -3.1052 50692
-2.3245 50693 -2.4928 50694 -2.4351 50695 -11.369 50696 -11.173 50697 -11.61 50698 -1.185
50699 -12.234 50700 51.018 50701 -14.556 50702 10.259 50703 -504.88 50704 -443.15 50705
-402.79 50706 -433.51 50707 -448.92 50708 -510.22 50709 -296.82 50710 -275.42 50711
-272.34 50712 -277.39 50713 -271.76 50714 -519.92 50715 -586.99 50716 -576.34 50717
-373.59 50718 -349.1 50719 -325.27 50720 -373.34 50721 -463.95 50722 -514.6 50723
-290.03 50724 -311.86 50725 -282.75 50726 -286.79 50727 -408.19 50728 -414.92 50729
-423.59 50730 -137.24 50731 -183.98 50732 -252.06 50733 -246.44 50734 -445.64 50735
-515.62 50736 -280.82 50737 -282.78 50738 -271.57 50739 -221.44 50740 -233.98 50741
-289.52 50742 -176.85 50743 -295.8 50744 -191.68 50745 -322.31 50746 -292.56 50747
-124.55 50748 -357.54 50749 -354.45 50750 -381.64 50751 -352.72 50752 -348.29 50753
-422.75 50754 -368.28 50755 -339.17 50756 -299.47 50757 -328.38 50758 -374.07 50759
-368.03 50760 -1.2345 50761 -2.3044e-002 50762 -0.70303 50763 8.3306 50764 -0.60258
50765 -0.62222 50766 1.3682 50767 -0.61102 50768 -0.2411 50769 42.61 50770 33.977 50771
-0.40099 50772 -0.52517 50773 -0.743 50774 0.22259 50775 -0.46885 50776 109.7 50777
0.26186 50778 1.3706 50779 -0.42968 50780 0.25602 50781 43.601 50782 -0.82924 50783
0.49559 50784 -2.4148 50785 0.46585 50786 0.38243 50787 68.1 50788 0.90011 50789
3.3196 50790 21.804 50791 12.943 50792 3.6387 50793 11.133 50794 3.6377 50795 3.2115
50796 3.5196 50797 3.4397 50798 52.848 50799 40.463 50800 22.39 50801 12.452 50802
3.4593 50803 4.8267 50804 3.5875 50805 55.327 50806 1.0173 50807 -8.889e-004 50808
-2.217e-003 50809 -5.359e-005 50810 -1.8355e-003 50811 4.0463e-003 50812 3.8024e-002
50813 -3.9871e-003 50814 -6.7693e-003 50815 3.6994e-002 50816 -6.4154e-003 50817
-2.1828e-004 50818 5.0527e-002 50819 8.7163e-002 50820 -3.6003e-002 50821 4.1311e-002
50822 3.3518e-002 50823 4.2597e-002 50824 4.0085e-002 50825 -0.33096 50826 9.7183e-
004 50827 4.2424e-002 50828 4.6298e-002 50829 4.9951e-002 50830 3.6449e-003 50831
6.3863e-003 50832 4.7299e-003 50833 2.7961e-003 50834 -1.9233e-002 50835 6.2757e-003
50836 -2.1306e-002 50837 3.1293e-002 50838 -5.3816e-002 50839 -0.18157 50840 7.7151e-
003 50841 -5.9094e-004 50842 -8.9292e-002 50843 3.0042e-002 50844 6.4626e-003 50845
1.8783e-002 50846 -6.7234e-002 50847 3.0891e-002 50848 -2.7719e-002 50849 3.5457e-002
50850 2.113e-002 50851 -7.2775e-004 50852 1.8891 50853 0.31069 50854 0.59629 50855
1.1628 50856 0.40517 50857 0.68912 50858 2.4593 50859 -0.77706 50860 -1.5319 50861
-2.1099 50862 4.8249 50863 -0.30464 50864 -2.2538 50865 -7.9355 50866 -15.347 50867
41.274 50868 -92.982 50869 -9.0762 50870 -11.257 50871 -11.163 50872 -13.209 50873
-14.122 50874 -21.34 50875 -12.867 50876 -73.547 50877 -29.46 50878 -9.795 50879 -21.432
50880 -14.371 50881 -67.919 50882 -11.582 50883 -13.349 50884 -10.061 50885 -1.9481
50886 -22.286 50887 5.8737 50888 0.5108 50889 35.189 50890 5.1669 50891 9.5444 50892
6.4568 50893 0.78356 50894 0.83593 50895 2.5821 50896 1.3864 50897 3.6363 50898
-0.71079 50899 1.1133 50900 7.0432 50901 -0.85156 50902 3.6628 50903 2.4363 50904
10.55 50905 2.8929 50906 -66.066 50907 -8.1219 50908 38.046 50909 -16.345 50910 -5.2628
50911 -62.833 50912 3.8191 50913 -3.7483 50914 3.1386 50915 -5.5742 50916 1.7051e-003
50917 5.0061e-003 50918 -0.39163 50919 -3.0625 50920 -4.0914e-002 50921 -1.3231 50922
1.6877e-003 50923 -2.9087 50924 0.11284 50925 39.871 50926 9.8498 50927 34.988 50928
5.9531 50929 15. 50930 7.265 50931 -9.8756e-002 50932 0.10357 50933 1.9021 50934
-7.7177e-002 50935 43.317 50936 86.402 50937 51.495 50938 153.54 50939 122.08 50940
43.751 50941 -3.8867 50942 -2.0626 50943 0.48694 50944 -0.28298 50945 8.5074e-003
50946 9.754e-003 50947 5.4208e-003 50948 35.375 50949 5.3535 50950 43.957 50951

30.492 50952 0.64908 50953 -86.666 50954 111.09 50955 6.6434 50956 -143.7 50957 -114.59
50958 -17.761 50959 -72.152 50960 -61.069 50961 -148.38 50962 -118.64 50963 -90.612
50964 39.165 50965 64.303 50966 35.432 50967 144.91 50968 40.455 50969 44.315 50970
36.58 50971 56.241 50972 52.631 50973 -11.84 50974 51.913 50975 -6.2119 50976 56.253
50977 59.759 50978 119.22 50979 130.35 50980 -16.267 50981 -70.143 50982 -1.0414e-003
50983 4.588e-003 50984 -3.8166e-003 50985 1.321e-002 50986 -6.431e-003 50987 -144.13
50988 -136.42 50989 -141.04 50990 -117.21 50991 -102.75 50992 -125.64 50993 -97.401
50994 -93.889 50995 -146.1 50996 -102.01 50997 -93.981 50998 -140.47 50999 -112.44 51000
-165.28 51001 -140.11 51002 -94.835 51003 1.4174 51004 6.1171 51005 1.5103 51006 3.2804
51007 1.9669 51008 -3.0396 51009 -58.581 51010 5.1715 51011 54.081 51012 72.475 51013
-18.795 51014 -4.7698 51015 -5.4503 51016 -15.282 51017 -6.81 51018 -15.374 51019
-4.9558 51020 -4.8174 51021 -5.2277 51022 1.0537 51023 0.36227 51024 0.40323 51025
2.2017 51026 0.40145 51027 1.3641e-003 51028 -2.1659e-003 51029 7.4675e-003 51030
8.3312e-004 51031 8.3632e-003 51032 1.7288e-003 51033 -1.0482 51034 -0.76256 51035
-1.9927 51036 -2.1485 51037 -3.9576 51038 -0.66973 51039 -0.21311 51040 -1.773 51041
-70.192 51042 -10.458 51043 -12.73 51044 -28.067 51045 -32.006 51046 -13.006 51047 -29.3
51048 -20.893 51049 -0.16098 51050 -1.2638 51051 -0.3521 51052 -1.547 51053 -6.8152e-
002 51054 0.21745 51055 0.67407 51056 -119.65 51057 -61.746 51058 -73.828 51059 -124.7
51060 -80.611 51061 -87.31 51062 -84.549 51063 -42.192 51064 -113.49 51065 -81.844 51066
-187.95 51067 -73.436 51068 -6.3162 51069 -35.231 51070 3.8216 51071 22.624 51072
-80.922 51073 30.029 51074 31.091 51075 -67.613 51076 -73.646 51077 -96.527 51078
-83.333 51079 -1.2342e-002 51080 -1.1393e-003 51081 -0.30815 51082 -0.19493 51083
-0.22859 51084 -0.25519 51085 1.1122 51086 -0.15834 51087 1.7692 51088 -0.27516 51089
9.9924e-002 51090 0.19391 51091 1.562 51092 5.9024 51093 1.2955 51094 1.2208 51095
9.4089 51096 2.1539 51097 3.0657 51098 0.21511 51099 -92.725 51100 -144.3 51101 -86.072
51102 -77.522 51103 -84.221 51104 -81.46 51105 -114.83 51106 -184.86 51107 1.2518e-003
51108 -2.9164e-003 51109 -1.2205e-003 51110 -1.3494e-003 51111 -1.4176e-002 51112
2.4984e-003 51113 -1.0836 51114 -3.994 51115 -1.1967 51116 66.521 51117 -0.97242 51118
50.605 51119 -3.0986 51120 -3.8177 51121 -0.71393 51122 -0.53243 51123 -6.0898 51124
-21.427 51125 -2.6898 51126 -6.339 51127 -2.3196 51128 1.6362 51129 14.835 51130 -71.12
51131 -7.3679 51132 41.542 51133 29.156 51134 1.1458 51135 4.061 51136 -33.944 51137
-56.826 51138 -17.773 51139 -102.52 51140 -15.65 51141 9.4963 51142 -120.47 51143 -126.94
51144 -189.37 51145 -116.96 51146 -91.79 51147 0.1281 51148 0.35241 51149 1.6971e-003
51150 5.416e-003 51151 0.50002 51152 0.78397 51153 0.70919 51154 2.5541 51155 -2.456
51156 -2.362 51157 -2.781 51158 -1.3352 51159 -0.40201 51160 -2.5991 51161 -2.037 51162
17.981 51163 18.209 51164 55.233 51165 37.16 51166 94.215 51167 70.096 51168 17.041
51169 58.757 51170 46.372 51171 18.361 51172 21.276 51173 -1.0772e-003 51174 -1.0397e-
003 51175 -1.0556e-003 51176 2.8981e-003 51177 4.3257e-004 51178 -2.1818e-003 51179
-1.5689 51180 -1.1665 51181 -3.5014 51182 -2.1742 51183 -2.2051 51184 -3.9833 51185
-1.0847 51186 -2.0325 51187 -1.7987 51188 -1.054 51189 -1.9005 51190 -1.1693 51191 -1.987
51192 -2.7545 51193 -2.3641 51194 -2.4059 51195 -4.1732 51196 -0.88533 51197 -0.96011
51198 -2.224 51199 -1.662 51200 -1.7744 51201 -1.0319 51202 -1.5012 51203 -2.574 51204
-1.2351 51205 -2.2255 51206 -2.0436 51207 -1.9617 51208 -1.3522 51209 27.334 51210
39.404 51211 48.028 51212 5.0341 51213 -8.4479 51214 36.67 51215 21.358 51216 51.221
51217 9.2876 51218 60.549 51219 6.7011 51220 78.237 51221 5.8083 51222 31.78 51223
3.6625 51224 8.2203 51225 16.885 51226 -62.859 51227 -34.624 51228 -23.806 51229
-21.683 51230 -49.664 51231 -77.333 51232 -40.966 51233 -18.359 51234 -27.594 51235
-25.398 51236 -46.688 51237 -79.097 51238 -27.885 51239 -131.43 51240 -125.39 51241
-100.21 51242 -63.848 51243 -50.476 51244 -113.81 51245 -143.71 51246 -240.95 51247
-186.62 51248 -142.57 51249 -98.305 51250 -172.64 51251 -63.811 51252 1.2286 51253
-128.39 51254 -53.736 51255 -50.975 51256 -84.346 51257 -40.077 51258 -35.165 51259
-23.93 51260 -31.981 51261 -29.261 51262 91.042 51263 79.553 51264 -0.18384 51265
-2.6681 51266 0.35346 51267 51.931 51268 -2.3781 51269 0.55592 51270 -4.82 51271
-1.5556 51272 -2.6284 51273 -5.0692 51274 -2.2798 51275 -1.0497 51276 40.373 51277
-2.6209 51278 -75.63 51279 -16.103 51280 43.566 51281 -5.539 51282 -20.877 51283 -2.139
51284 -5.8154 51285 -25.759 51286 -25.851 51287 -44.311 51288 -71.98 51289 -13.006 51290
-20.045 51291 -15.704 51292 -128.73 51293 -247.42 51294 -129.97 51295 -175.02 51296

-149.84 51297 -208.33 51298 -0.29964 51299 -0.32103 51300 -0.40192 51301 -0.30856 51302
-0.32011 51303 -0.1853 51304 -9.6937e-002 51305 -0.11879 51306 2.633e-002 51307
-4.8447e-002 51308 -0.12881 51309 -0.25198 51310 -0.27518 51311 -0.36398 51312 -0.81309
51313 -0.54694 51314 -0.66408 51315 2.4454 51316 -11.734 51317 -3.2616 51318 -1.4074
51319 -0.20776 51320 -0.87299 51321 -1.269 51322 -0.16078 51323 3.1221 51324 3.2708
51325 1.1966 51326 0.61858 51327 7.5533 51328 25.433 51329 -2.6845 51330 1.335 51331
-105.34 51332 -184.99 51333 -106.65 51334 -113.77 51335 -26.321 51336 -23.56 51337
18.797 51338 -4.5656 51339 -20.854 51340 -1.846 51341 123.15 51342 170.96 51343 55.788
51344 199.3 51345 85.382 51346 53.134 51347 61.799 51348 101.82 51349 208.99 51350
286.86 51351 156. 51352 213.01 51353 -1.8346 51354 -1.0343 51355 -3.3692 51356 -2.7274
51357 -0.94098 51358 -2.0729 51359 -0.95253 51360 -0.98064 51361 -0.92177 51362 -2.0369
51363 -3.1252 51364 -0.7133 51365 0.157 51366 -1.3785 51367 7.9511 51368 52.443 51369
40.891 51370 25.773 51371 38.289 51372 135.14 51373 241.59 51374 94.383 51375 216.99
51376 223.1 51377 6.2553 51378 11.167 51379 9.3469 51380 -5.5123 51381 18.572 51382
19.634 51383 -11.423 51384 -2.461 51385 -21.242 51386 -72.401 51387 -124.79 51388
-73.694 51389 -58.74 51390 -118.74 51391 -93.571 51392 -152.06 51393 -57.204 51394 30.24
51395 59.57 51396 41.497 51397 34.475 51398 98.552 51399 -0.44878 51400 -0.24642 51401
-0.33512 51402 -0.52968 51403 -0.31306 51404 -0.27354 51405 -0.14583 51406 -2.6494e-002
51407 -3.7754e-002 51408 -0.12377 51409 -8.4255e-002 51410 -5.7264e-002 51411 -3.7034e-
002 51412 -6.0234e-002 51413 -5.8887e-005 51414 4.892e-002 51415 -0.44914 51416
7.0149e-003 51417 8.9574e-004 51418 9.1754e-002 51419 -0.1834 51420 -0.2722 51421
-9.0678e-002 51422 -8.1599e-002 51423 -0.45516 51424 -0.12322 51425 -0.10498 51426
-0.10403 51427 -7.7898e-002 51428 3.4523 51429 7.7348 51430 1.1462 51431 25.615 51432
2.1742 51433 -2.503 51434 1.5165 51435 31.735 51436 23.237 51437 8.3782 51438 32.463
51439 2.4673 51440 11.43 51441 -313.6 51442 -245.3 51443 -282.12 51444 9.7331e-003
51445 1.4097e-002 51446 8.5066e-003 51447 8.8842e-003 51448 -1.5218e-002 51449
-93.709 51450 -6.995 51451 -136.61 51452 -48.301 51453 -43.388 51454 7.5382 51455 44.562
51456 26.489 51457 19.466 51458 7.5578 51459 7.686 51460 -0.14183 51461 1.199 51462
-1.8863e-002 51463 3.3878e-003 51464 4.2284e-003 51465 1.5309e-002 51466 -0.18487
51467 0.12317 51468 0.11929 51469 4.3273e-002 51470 0.19107 51471 0.18542 51472
0.25413 51473 141.57 51474 123.7 51475 237.23 51476 102.11 51477 218.74 51478 257.32
51479 -0.2954 51480 -0.14643 51481 -0.12818 51482 -0.8333 51483 100.22 51484 63.871
51485 70.805 51486 88.685 51487 100.78 51488 217.4 51489 255.99 51490 -7.3914e-004
51491 3.2179 51492 3.5786 51493 6.2224 51494 1.8085 51495 3.6659 51496 35.817 51497
8.8486 51498 4.4395 51499 1.4197 51500 12.234 51501 2.8864 51502 3.3942 51503 -2.2784
51504 0.35261 51505 8.1467 51506 -0.69268 51507 -2.4037e-002 51508 8.0735e-003 51509
9.8931e-002 51510 34.827 51511 42.369 51512 44.052 51513 -0.3565 51514 -0.55107 51515
-0.4577 51516 -0.33444 51517 -0.39661 51518 -5.838e-002 51519 -3.3952e-002 51520
-9.2561e-002 51521 -2.3336e-002 51522 -0.22078 51523 -0.18126 51524 -0.28294 51525
-6.7973e-003 51526 -6.4197e-003 51527 -3.0522e-002 51528 1.8961e-003 51529 1.7344e-003
51530 7.7779e-003 51531 8.5682e-004 51532 146.59 51533 188.88 51534 288.16 51535
264.8 51536 150.88 51537 143.3 51538 184.5 51539 -23.808 51540 27.452 51541 28.15
51542 -73.576 51543 35.692 51544 -22.482 51545 -7.5286 51546 37.375 51547 16.342 51548
-158.29 51549 -144.31 51550 -118.9 51551 -0.30688 51552 -0.38289 51553 51.504 51554
4.0595e-003 51555 -5.4688e-002 51556 2.2816 51557 0.20734 51558 6.5641 51559 1.4346
51560 -0.5146 51561 -74.968 51562 -73.641 51563 -58.688 51564 -152. 51565 -73.667 51566
-5.5206e-002 51567 7.295e-002 51568 6.7296e-002 51569 0.13601 51570 64.935 51571
-2.558 51572 49.02 51573 -5.2895 51574 1.2384e-003 51575 -1.7445e-003 51576 -3.6784e-
003 51577 -1.9876e-004 51578 55.622 51579 75.225 51580 76.94 51581 73.433 51582 34.65
51583 41.584 51584 36.455 51585 71.554 51586 226.77 51587 127.23 51588 -1.1301e-002
51589 -1.2078e-002 51590 -5.3704e-002 51591 -3.5463e-002 51592 -1.2252e-002 51593
-3.4505e-002 51594 -4.7245e-003 51595 -26.326 51596 -61.307 51597 -37.437 51598 42.09
51599 40.579 51600 30.539 51601 4.1859 51602 15.42 51603 -1.0653e-003 51604 -1.2277e-
003 51605 -2.3957e-003 51606 5.1318e-003 51607 99.005 51608 54.305 51609 28.77 51610
26.999 51611 61.008 51612 53.427 51613 34.04 51614 -3.6058e-002 51615 9.8358e-002
51616 0.96881 51617 0.61604 51618 -4.6245e-003 51619 -3.776e-003 51620 6.8394e-003
51621 246.68 51622 230.73 51623 127.12 51624 -4.1048e-004 51625 5.5113e-003 51626

-7.017e-004 51627 -2.0558e-003 51628 0.464 51629 -0.66014 51630 0.55138 51631 -0.2282
51632 -1.0744 51633 33.174 51634 13.824 51635 -2.4769e-003 51636 -1.6284e-003 51637
-2.005e-003 51638 -3.173e-003 51639 -2.5426e-002 51640 7.0145e-004 51641 41.156 51642
96.596 51643 95.718 51644 136.92 51645 398.65 51646 275.85 51647 364.73 51648 264.36
51649 0.174 51650 0.17222 51651 -6.7448e-003 51652 2.0265e-002 51653 0.75097 51654
-2.5999e-003 51655 -1.5427e-002 51656 -3.3185e-003 51657 -6.1928e-002 51658 0.41773
51659 95.569 51660 93.691 51661 248.9 51662 149.36 51663 38.885 51664 73.984 51665
129.66 51666 192.71 51667 237.63 51668 133.97 51669 128.51 51670 26.36 51671 51.018
51672 142.85 51673 44.1 51674 -100.78 51675 -167.4 51676 -0.29946 51677 -0.94539 51678
33.063 51679 6.0947 51680 -3.7785 51681 -1.3342 51682 0.13248 51683 -4.6631 51684
-1.8379 51685 -5.7873 51686 318.17 51687 6.0702e-002 51688 7.9852e-003 51689 15.037
51690 50.241 51691 72.357 51692 327.89 51693 185.82 51694 151.27 51695 -2.7364e-002
51696 7.68e-003 51697 -1.8551e-003 51698 4.8331e-003 51699 -3.5715e-003 51700 -9.04e-
004 51701 84.379 51702 -69.882 51703 -106.18 51704 -38.157 51705 -83.513 51706
-1.8107e-003 51707 -7.8733e-002 51708 6.341e-002 51709 0.13212 51710 -4.8521 51711
-0.52486 51712 -2.3119 51713 6.7063e-002 51714 -13.015 51715 -1.8718 51716 -4.1598
51717 -5.6428 51718 -14.207 51719 -6.1247 51720 -1.6103 51721 5.2766 51722 -4.1739
51723 -3.4362 51724 -4.3006 51725 -1.0127 51726 -0.55611 51727 -2.3499 51728 -2.116
51729 -23.149 51730 -8.0604 51731 -5.271 51732 -15.975 51733 2.2595 51734 3.2146 51735
35.707 51736 8.7385 51737 3.4591 51738 4.3294 51739 3.5061 51740 12.124 51741 -54.936
51742 59.555 51743 4.591 51744 49.515 51745 34.397 51746 1.5268 51747 7.8836 51748
2.323 51749 -1.1255 51750 5.8093 51751 -1.2694 51752 5.2313 51753 23.111 51754 0.10177
51755 -0.5386 51756 -1.6705 51757 -0.55015 51758 -1.0958 51759 33.871 51760 35.554
51761 14.521 51762 31.293 51763 -3.1043 51764 7.7096 51765 -1.1298 51766 18.796 51767
-6.9477e-003 51768 5.6109e-002 51769 4.3159e-002 51770 -2.3552 51771 -1.0163 51772
-1.5745 51773 -1.7428 51774 -171.08 51775 -12.414 51776 -2.0878 51777 -1.9495 51778
-2.3598 51779 -13.774 51780 -30.366 51781 -22.338 51782 -11.92 51783 -15.278 51784
-10.72 51785 -68.467 51786 -97.929 51787 -38.403 51788 6.7149 51789 -64.578 51790
-139.04 51791 21.266 51792 -56.447 51793 -111.41 51794 -142.02 51795 -97.753 51796
-212.05 51797 -3.0377 51798 -3.723 51799 -5.8688 51800 -3.0686 51801 -3.0794 51802
-4.8467 51803 -2.8156 51804 -4.6598 51805 -13.866 51806 -6.8056 51807 -4.0054 51808
-5.7836 51809 -2.2479 51810 -2.9131 51811 -3.8328 51812 -2.6782 51813 -4.4564 51814
-1.1685 51815 -2.2718 51816 34.281 51817 10.433 51818 -62.909 51819 -121.03 51820
-115.45 51821 -83.807 51822 -75.399 51823 -6.1638 51824 -3.3635 51825 -5.1417 51826
-1.606 51827 -2.2713 51828 -42.425 51829 -23.398 51830 -23.425 51831 -31.312 51832
30.046 51833 6.6055 51834 7.0365 51835 42.136 51836 3.0798 51837 16.738 51838 21.651
51839 32.886 51840 49.753 51841 9.3569 51842 -11.647 51843 -0.50366 51844 -2.4915e-003
51845 6.1821 51846 1.773 51847 0.21985 51848 43.096 51849 22.063 51850 341.1 51851
317.74 51852 323.85 51853 -98.258 51854 27.087 51855 -3.789e-003 51856 -3.1371e-002
51857 -4.2639e-004 51858 316.5 51859 236.2 51860 43.043 51861 -44.272 51862 -14.527
51863 52.125 51864 51.444 51865 153.49 51866 49.037 51867 122.03 51868 -241.55 51869
-112.88 51870 -161.8 51871 1.6879e-002 51872 -0.64091 51873 -68.918 51874 -40.891 51875
-11.659 51876 -49.124 51877 -6.7671 51878 -82.494 51879 -38.226 51880 -22.079 51881
-30.13 51882 -152.52 51883 -27.41 51884 -27.363 51885 -27.369 51886 -43.658 51887 19.808
51888 176.64 51889 86.277 51890 58.267 51891 117.06 51892 101.14 51893 -1.386e-002
51894 -1.3084 51895 -1.4767 51896 -0.6383 51897 -1.455 51898 -0.34675 51899 5.8408
51900 1.4317 51901 0.60833 51902 -6.4855e-002 51903 -9.3003 51904 -0.45678 51905
-0.42602 51906 -1.6283e-002 51907 57.721 51908 38.333 51909 41.718 51910 -59.981 51911
-119.99 51912 -153.3 51913 0.3871 51914 30.753 51915 91.34 51916 -111.89 51917 221.57
51918 121.2 51919 117.95 51920 6.0619e-003 51921 2.3088e-002 51922 6.9556 51923
-5.5202 51924 -7.2875 51925 -3.7518 51926 188.73 51927 227.32 51928 127.78 51929
-4.4873 51930 -2.1343 51931 55.819 51932 48.797 51933 112.87 51934 88.756 51935 -8.3694
51936 23.039 51937 17.707 51938 -87.58 51939 8.8162 51940 -0.5771 51941 5.7286 51942
22.864 51943 -49.434 51944 21.154 51945 4.9171 51946 13.031 51947 6.6873 51948 -68.836
51949 -183.13 51950 -4.4981 51951 -2.549 51952 -2.9776 51953 -4.3147 51954 -4.0809
51955 1.5134 51956 1.0268 51957 10.561 51958 2.8253 51959 10.331 51960 14.81 51961
-139.86 51962 1.6762 51963 0.14069 51964 0.8529 51965 9.4703 51966 9.6502 51967 1.9934

51968 0.93743 51969 94.801 51970 -72.594 51971 -178.7 51972 0.2355 51973 8.4237 51974 2.0804 51975 0.7669 51976 10.245 51977 8.01 51978 1.011 51979 1.7232 51980 10.341 51981 1.5012 51982 -1.1823 51983 -0.43757 51984 -0.54112 51985 22.845 51986 35.361 51987 45.841 51988 -78.322 51989 -2.1786e-003 51990 1.6959e-003 51991 -1.0012e-002 51992 -2.4339e-002 51993 -4.6197e-002 51994 -3.5075 51995 -6.8009e-002 51996 -3.7271e-002 51997 -0.26088 51998 -0.13221 51999 -6.1079e-002 52000 8.1455e-003 52001 2.3958 52002 7.9978e-003 52003 -160.44 52004 -7.6642e-003 52005 2.3295e-003 52006 -5.9374 52007 -9.2663 52008 -4.8811e-002 52009 -1.903e-002 52010 -2.0264 52011 -1.5186 52012 -4.3849e-002 52013 -5.6551 52014 87.126 52015 -2.035 52016 1.2519 52017 1.2694e-002 52018 6.2801e-002 52019 1.0251 52020 0.33359 52021 119.53 52022 0.86292 52023 0.9153 52024 10.397 52025 2.6614 52026 116.17 52027 107.97 52028 201.05 52029 130.09 52030 1.2069e-002 52031 8.8259e-002 52032 -32.545 52033 206.82 52034 0.18767 52035 -4.0295e-004 52036 -1.6757 52037 -1.805 52038 -2.1302 52039 1.4015 52040 0.38437 52041 -1.7269 52042 -28.583 52043 -26.387 52044 343.94 52045 9.2953 52046 -5.1891e-002 52047 4.181e-003 52048 -143.45 52049 -118.03 52050 -180.27 52051 -82.102 52052 87.07 52053 -147.83 52054 -210.06 52055 -2.1725e-002 52056 94.017 52057 187.09 52058 0.20391 52059 0.19096 52060 3.6314e-003 52061 -5.9757 52062 -3.7793 52063 0.19825 52064 282.99 52065 0.4287 52066 2.1748 52067 0.37454 52068 2.2272 52069 11.709 52070 49.31 52071 -13.015 52072 0.25401 52073 -6.4777 52074 2.1731 52075 -2.3243e-005 52076 -3.9971e-005 52077 -5.0442e-006 52078 -2.035e-005 52079 2.3267e-005 52080 2.627e-005 52081 -8.8075e-005 52082 -4.6736e-006 52083 4.7595e-006 52084 1.7739e-005 52085 -1.0177e-004 52086 5.0167e-007 52087 -7.8899e-005 52088 5.3313e-005 52089 -8.4192e-005 52090 -2.2269e-005 52091 5.9234e-005 52092 1.6028e-004 52093 -2.304e-005 52094 -1.6173e-004 52095 -6.7016e-006 52096 7.3711e-005 52097 -1.2729e-004 52098 -4.029e-005 52099 3.7685e-005 52100 2.7863e-005 52101 8.1066e-006 52102 -1.5636e-005 52103 6.2379e-005 52104 9.0259e-005 52105 -1.15e-004 52106 -6.9501e-005 52107 3.8192e-005 52108 1.8441e-004 52109 -5.3143e-006 52110 -2.0662e-004 52111 2.1889e-005 52112 2.4435e-005 52113 -4.4767e-007 52114 2.0103e-004 52115 4.0356e-005 52116 -3.338e-007 52117 -4.1369e-007 52118 1.1035e-006 52119 4.2397e-007 52120 1.8023e-006 52121 -1.6889e-006 52122 1.7729e-006 52123 1.5715e-007 52124 3.2381e-007 52125 -6.7475e-008 52126 -9.7476e-007 52127 -1.0138e-006 52128 -7.6097e-007 52129 -1.4432e-007 52130 2.0481e-006 52131 -6.0456e-008 52132 -2.6517e-006 52133 1.0771e-007 52134 -4.3423e-007 52135 -1.2866e-006 52136 4.2829e-008 52137 3.8184e-008 52138 9.6792e-009 52139 -6.8136e-008 52140 -2.3014e-006 52141 -2.284e-007 52142 -3.5158e-007 52143 4.8023e-007 52144 -9.4017e-007 52145 1.7434e-006 52146 2.869e-006 52147 2.7373e-007 52148 5.7307e-007 52149 3.7298e-007 52150 -3.4207e-007 52151 -2.4612e-006 52152 -2.3139e-006 52153 -1.5527e-007 52154 1.3748e-007 52155 -4.4053e-007 52156 -2.3743e-006 52157 -2.8893e-008 52158 1.0592e-006 52159 -3.2654e-006 52160 1.6304e-006 52161 4.5252e-007 52162 -5.7237e-007 52163 -1.0153e-006 52164 2.1866e-008 52165 -7.5728e-007 52166 2.0525e-006 52167 -9.3257e-007 52168 -2.3016e-007 52169 1.4714e-006 52170 -0.96585 52171 0.3421 52172 -8.8039e-010 52173 -0.62534 52174 -2.0991 52175 0.13179 52176 -1.4673e-010 52177 -0.34764 52178 -1.0437 52179 -1.2665e-002 52180 8.8039e-010 52181 0.57884 52182 0.5398 52183 -0.14326 52184 -0.97751 52185 0.92905 52186 98.128 52187 96.387 52188 24.99 52189 1.4743 52190 11.948 52191 -0.96683 52192 0.83065 52193 -10.684 52194 -4.8111 52195 -20.555 52196 -22.58 52197 -10.266 52198 -23.844 52199 5.2252 52200 -7.4141 52201 43.201 52202 5.5199 52203 34.482 52204 5.8186 52205 -1.0925 52206 1.6365 52207 23.094 52208 -207.99 52209 2.3753 52210 3.5649 52211 2.3204 52212 -0.41244 52213 -4.9243e-002 52214 94.002 52215 -156.62 52216 -14.521 52217 13.984 52218 20.657 52219 11.345 52220 4.4863 52221 -4.4358 52222 -12.235 52223 8.9935 52224 -2.3841 52225 -23.809 52226 -18.776 52227 -105.44 52228 -55.394 52229 -48.479 52230 -23.321 52231 -53.551 52232 -39.656 52233 -50.791 52234 7.353 52235 -81.609 52236 14.82 52237 -86.867 52238 -10.907 52239 -38.942 52240 -5.4651 52241 4.9115 52242 18.43 52243 69.84 52244 44.742 52245 -125.69 52246 -181.05 52247 1.1649 52248 -126.21 52249 -246.1 52250 -181.29 52251 -135.83 52252 -131.9 52253 23.555 52254 -6.4386 52255 3.3588 52256 0.43054 52257 -5.1783 52258 1.455 52259 -2.1542e-002 52260 -24.201 52261 -4.6049 52262 -34.812 52263 -25.612 52264 6.0308 52265 1.6051 52266 -0.85876 52267 -3.8853 52268 -4.588 52269 4.1742 52270 7.8346e-002 52271 1.2988e-002 52272 3.4408e-005 52273 -36.635 52274 107.71 52275 -21.922 52276 5.6683

52277 31.736 52278 584.61 52279 136.08 52280 87.751 52281 44.887 52282 227.18 52283 894.68 52284 46.397 52285 179.36 52286 176.45 52287 -28.155 52288 164.25 52289 129.88 52290 91.847 52291 33.241 52292 -25.488 52293 -72.599 52294 -94.885 52295 -43.155 52296 -58.983 52297 -291.96 52298 -76.511 52299 -65.775 52300 -50.46 52301 -24.244 52302 -49.337 52303 -40.977 52304 -223.53 52305 225.45 52306 -258.28 52307 -365.1 52308 -198.75 52309 -73.587 52310 67.844 52311 169.56 52312 350.77 52313 408.4 52314 263.65 52315 391.69 52316 223.95 52317 301.53 52318 347.92 52319 388.24 52320 491.71 52321 537.61 52322 493.98 52323 -243.96 52324 180.48 52325 3.2832 52326 -123.73 52327 -332.19 52328 -326.07 52329 -282.51 52330 -233.51 52331 -263.71 52332 -288.48 52333 -348.28 52334 -475.48 52335 -171.21 52336 -245.29 52337 56.883 52338 294.73 52339 401.62 52340 66.997 52341 -179.25 52342 -341.44 52343 -225.61 52344 -92.924 52345 120.37 52346 305.66 52347 345.48 52348 283.26 52349 113.55 52350 -157.1 52351 -246.3 52352 -302.16 52353 -146.96 52354 -118.2 52355 -2.5508 52356 -142.51 52357 -2.1229 52358 -1.8341e-010 52359 141.73 52360 128.41 52361 125.2 52362 151.29 52363 18.072 52364 82.91 52365 -41.056 52366 -18.222 52367 -189.26 52368 24.85 52369 -4.8813 52370 -0.33908 52371 -6.7996 52372 -6.2477 52373 -5.4203 52374 -5.1315 52375 1.5395 52376 7.2597 52377 0.44056 52378 5.1028e-002 52379 4.5218e-005 52380 4.7845e-002 52381 1.1011e-003 52382 -5.4008e-002 52383 -5.4566e-004 52384 4.0666e-002 52385 -3.803e-002 52386 -1.7181e-002 52387 1.4102e-002 52388 2.2068e-002 52389 7.5859e-004 52390 -9.8557e-002 52391 -5.124e-003 52392 1.5926e-002 52393 -4.2052e-002 52394 -5.2907e-002 52395 1.2498e-002 52396 6.198e-002 52397 2.3415e-004 52398 -3.6111e-002 52399 -5.2584e-003 52400 1.3718e-002 52401 -1.3304e-002 52402 -4.2338e-002 52403 3.5343e-002 52404 0.11864 52405 7.5418e-003 52406 -2.999e-002 52407 5.6473e-003 52408 3.9176e-002 52409 -1.3242e-002 52410 -2.0755e-002 52411 4.2761e-002 52412 -1.9757e-003 52413 -5.9329e-002 52414 -1.4642 52415 0.42676 52416 -1.0415e-004 52417 0.13173 52418 70.689 52419 43.729 52420 34.17 52421 13.594 52422 27.361 52423 112.38 52424 84.299 52425 21.724 52426 4.8015 52427 6.9369 52428 -7.8676 52429 21.172 52430 22.633 52431 8.7684 52432 2.638 52433 -15.78 52434 -14.54 52435 -25.624 52436 -42.897 52437 -46.213 52438 -6.1349 52439 -116.12 52440 -96.144 52441 -4.4618 52442 -3.8229 52443 -50.791 52444 -34.599 52445 8.0176 52446 207.61 52447 89.421 52448 -17.339 52449 -94.649 52450 -207.7 52451 61.739 52452 123.7 52453 67.075 52454 -55.954 52455 63.919 52456 -224.61 52457 76.812 52458 12.561 52459 -66.526 52460 38.478 52461 -32.009 52462 -3.2787 52463 367.29 52464 437.5 52465 429.3 52466 -360.29 52467 -321.65 52468 -352.53 52469 1.6816 52470 -20.864 52471 -27.396 52472 -17.686 52473 -15.309 52474 -7.3466 52475 -85.585 52476 -104.53 52477 -96.549 52478 -3.3436 52479 5.2499 52480 14.609 52481 2.5601 52482 0.30064 52483 2.1787 52484 0.2093 52485 -1.1964 52486 0.20457 52487 36.923 52488 -25.409 52489 2.5714 52490 33.52 52491 36.101 52492 8.6178 52493 -82.171 52494 -29.098 52495 -9.8058 52496 -35.173 52497 112.52 52498 74.422 52499 1.2548e-003 52500 -3.4166e-004 52501 -1.0696e-002 52502 -9.1977e-004 52503 4.1541e-003 52504 -5.6385e-003 52505 -5.3599e-003 52506 1.014e-003 52507 8.8309e-003 52508 2.3439e-004 52509 -3.262e-003 52510 6.4112e-004 52511 4.6794e-003 52512 -2.2302e-003 52513 -4.2677e-003 52514 8.0022e-003 52515 1.201e-002 52516 9.5644e-004 52517 -1.126e-003 52518 4.0836e-004 52519 7.4328e-003 52520 -1.5887e-003 52521 -1.9362e-003 52522 7.2466e-003 52523 8.4178e-003 52524 2.319e-004 52525 -3.8519e-003 52526 -4.6162e-007 52527 9.0077e-003 52528 -3.6558e-003 52529 -2.4756e-003 52530 3.7726e-003 52531 5.9812e-003 52532 4.5574e-004 52533 -7.9739e-003 52534 -6.028e-004 52535 5.6515e-003 52536 -6.3329e-003 52537 -3.6905e-003 52538 1.7102e-003 52539 4.9584e-003 52540 7.7221e-004 52541 -7.6049e-003 52542 -8.2437e-004 52543 1.5969e-003 52544 -3.7682e-003 52545 -5.2916e-003 52546 4.772e-003 52547 2.2695e-002 52548 6.1691e-003 52549 3.1215e-003 52550 1.5409e-003 52551 5.4397e-003 52552 8.6397e-004 52553 4.9086e-004 52554 1.4197e-004 52555 1.921e-002 52556 8.7685e-003 52557 3.1999e-003 52558 1.2469e-003 52559 5.0142e-002 52560 1.6927e-002 52561 9.1649e-003 52562 2.9635e-003 52563 1.0454e-003 52564 2.1643e-004 52565 1.7727e-004 52566 1.0527e-004 52567 2.7127e-005 52568 1.3521e-005 52569 8.4489e-006 52570 9.7792e-006 52571 4.332e-006 52572 4.8688e-003 52573 2.6245e-003 52574 1.2885e-003 52575 6.4373e-004 52576 3.6095e-004 52577 2.4337e-004 52578 1.2027e-004 52579 6.2763e-005 52580 2.9764e-005 52581 6.5966e-003 52582 3.5673e-003 52583 1.9427e-003 52584 1.1387e-003 52585 6.4952e-004 52586 3.6592e-004 52587

1.8683e-004 52588 1.0387e-004 52589 4.8111e-005 52590 6.1074e-003 52591 2.0939e-003
52592 1.2254e-003 52593 5.7046e-004 52594 3.5915e-004 52595 1.9189e-004 52596
1.1985e-004 52597 5.535e-005 52598 2.4109e-005 52599 2.4041e-003 52600 9.112e-004
52601 4.5415e-004 52602 1.8645e-004 52603 1.2611e-004 52604 6.915e-005 52605 2.3405e-
005 52606 9.2746e-006 52607 1.5161e-003 52608 3.9097e-004 52609 3.0299e-004 52610
2.1189e-004 52611 1.2359e-004 52612 7.1281e-005 52613 3.9353e-005 52614 1.8652e-005
52615 9.5788e-006 52616 -6.2149e-007 52617 -1.8321e-007 52618 -3.3026e-007 52619
-2.4343e-007 52620 -7.161e-007 52621 -1.7799e-006 52622 12.687 52623 4.8405 52624
-2.8935 52625 -1.0145e-010 52626 -1.3341 52627 -2.7225 52628 0.94387 52629 5.5024e-010
52630 -350.06 52631 -5.9254 52632 5.1566 52633 -2.8381e-002 52634 -2.9436 52635 -6.7139
52636 0.27983 52637 4.9089 52638 1.2337 52639 2.5299e-003 52640 1.6228e-007 52641
-90.378 52642 -12.497 52643 12.652 52644 -104.17 52645 -345.83 52646 -210.65 52647
-168.25 52648 -23.686 52649 -119.53 52650 -191.14 52651 -44.555 52652 -593.41 52653
-56.619 52654 221.88 52655 233.7 52656 91.37 52657 35.297 52658 163.87 52659 80.553
52660 22.784 52661 -1.2493 52662 -44.984 52663 -74.764 52664 -87.407 52665 -31.557
52666 -99.382 52667 -23.187 52668 -192.03 52669 -185.77 52670 -201.74 52671 -237.58
52672 -198.42 52673 -231.02 52674 -150.4 52675 -102.07 52676 -143.3 52677 -180.86 52678
-420.73 52679 -236.18 52680 -155.4 52681 5.3456 52682 123.74 52683 227.4 52684 389.67
52685 224.65 52686 110.12 52687 393.43 52688 334.78 52689 190.28 52690 268.1 52691
393.76 52692 372.56 52693 409.62 52694 104.85 52695 -120.07 52696 -300.34 52697 -414.38
52698 -342.3 52699 -472.26 52700 -410.46 52701 -326.26 52702 -242.83 52703 -257.15
52704 -168.71 52705 -258.57 52706 -344.98 52707 -93.781 52708 235.29 52709 132.66 52710
-27.53 52711 -241.67 52712 -301.07 52713 -162.28 52714 -5.189 52715 163.89 52716 422.96
52717 189.73 52718 3.2079 52719 -202.89 52720 -278.92 52721 -152.69 52722 -2.7682 52723
5.2626 52724 170.72 52725 92.301 52726 22.408 52727 -8.4823 52728 11.938 52729
-0.15785 52730 0.97181 52731 -6.2065 52732 -7.2549 52733 -6.0593 52734 -0.87982 52735
11.129 52736 13.193 52737 1.3817 52738 108.44 52739 77.422 52740 339.23 52741 -384.94
52742 -18.179 52743 -68.426 52744 -1.5029 52745 -0.65193 52746 -66.523 52747 -91.05
52748 -70.241 52749 -66.409 52750 -30.985 52751 -32.466 52752 -15.968 52753 11.066
52754 48.791 52755 59.515 52756 20.62 52757 114.05 52758 179.09 52759 214.64 52760
-53.418 52761 83.728 52762 86.724 52763 42.179 52764 27.352 52765 -24.346 52766 -50.432
52767 -106.91 52768 221.55 52769 226.87 52770 -117.02 52771 -140.94 52772 157.95 52773
29.826 52774 -24.323 52775 30.126 52776 234.97 52777 35.507 52778 24.548 52779 -43.105
52780 -364.91 52781 -60.846 52782 -53.917 52783 -24.814 52784 23.863 52785 -25.156
52786 13.86 52787 4.8406 52788 -1.0881e-003 52789 -9.1079 52790 5.0772 52791 200.64
52792 -1.7959 52793 -11.557 52794 1.6419 52795 11.413 52796 33.88 52797 -0.36657 52798
17.108 52799 -10.526 52800 -8.0637 52801 1.7755 52802 18.793 52803 29.115 52804 115.37
52805 -13.001 52806 -9.8078 52807 -18.552 52808 -17.466 52809 -7.21 52810 -9.3475 52811
26.606 52812 0.12206 52813 5.4121e-007 52814 -5.2165e-005 52815 -6.0095e-008 52816
-8.5772e-004 52817 -3.6782e-003 52818 2.0182e-003 52819 -9.849e-004 52820 2.0907e-005
52821 1.1434e-005 52822 3.6115e-006 52823 6.0045e-004 52824 1.5813e-004 52825
7.5289e-005 52826 -1.752e-004 52827 -8.9454e-004 52828 -6.5624e-005 52829 -3.9913e-004
52830 -1.4472e-007 52831 -4.6394e-005 52832 2.9903e-006 52833 -1.9176e-003 52834
-1.8483e-003 52835 3.1719e-004 52836 1.0027e-003 52837 2.7615e-004 52838 8.5861e-005
52839 2.9031e-005 52840 1.0405e-004 52841 1.3609e-005 52842 8.9167e-006 52843
-6.8862e-005 52844 -2.82e-004 52845 -2.0401e-004 52846 -3.6864e-004 52847 3.1759e-006
52848 -2.075e-005 52849 3.4929e-006 52850 -8.8529e-004 52851 -5.7506e-004 52852
1.2049e-003 52853 1.973e-003 52854 6.9416e-004 52855 1.9516e-004 52856 6.9753e-005
52857 2.7218e-004 52858 2.0319e-005 52859 3.1992e-005 52860 -1.9608e-005 52861
-3.2829e-005 52862 -1.0688e-004 52863 -1.189e-004 52864 8.7666e-006 52865 -5.9151e-006
52866 3.0513e-006 52867 -2.9821e-004 52868 -9.3997e-004 52869 2.0786e-003 52870
1.4761e-003 52871 5.2581e-004 52872 1.3458e-004 52873 5.7991e-005 52874 7.3758e-004
52875 2.1602e-004 52876 1.0185e-004 52877 -3.2329e-005 52878 -1.4968e-004 52879
-3.628e-005 52880 -5.8706e-005 52881 1.3149e-005 52882 -2.3791e-005 52883 1.6727e-006
52884 -4.9284e-005 52885 -1.8265e-003 52886 2.836e-003 52887 6.9237e-004 52888
1.8027e-004 52889 8.325e-005 52890 2.1804e-005 52891 1.1374e-003 52892 3.9175e-004
52893 1.3771e-004 52894 -9.3639e-005 52895 -3.4653e-004 52896 -1.4722e-005 52897

-8.9009e-005 52898 6.1067e-008 52899 -6.4332e-005 52900 -1.9569e-007 52901 -1.6318e-003 52902 -3.1471e-003 52903 8.0122e-004 52904 6.876e-004 52905 1.7047e-004 52906 2.1192e-005 52907 6.4079e-006 52908 1.8621e-004 52909 3.6361e-005 52910 1.4002e-005 52911 -1.2817e-004 52912 -8.5004e-004 52913 -1.611e-004 52914 -5.5079e-004 52915 4.7938e-004 52916 -3.5871e-004 52917 -6.9817e-005 52918 -2.6168e-003 52919 -2.8988e-003 52920 1.5255e-002 52921 6.512e-003 52922 2.9858e-003 52923 5.1996e-004 52924 -1.665e-003 52925 2.7431e-005 52926 -7.666e-003 52927 -2.0765e-002 52928 1.3941e-002 52929 1.1228e-003 52930 3.7298e-004 52931 5.4093e-004 52932 -3.5702e-003 52933 -2.7845e-004 52934 -1.8401e-002 52935 -1.9361e-002 52936 7.2854e-003 52937 1.9557e-003 52938 4.5264e-004 52939 -6.6163e-005 52940 -1.4058e-003 52941 -6.1962e-004 52942 -1.3191e-002 52943 -6.8362e-003 52944 2.9586e-003 52945 8.4864e-003 52946 3.0245e-003 52947 9.4107e-003 52948 8.6969e-004 52949 -0.26151 52950 -0.71388 52951 -0.56826 52952 -0.34018 52953 0.1413 52954 4.6084e-004 52955 -3.8784e-004 52956 -1.5883e-003 52957 -2.2543e-005 52958 -1.3861e-003 52959 -5.1534e-005 52960 1.6787e-003 52961 1.7254e-002 52962 1.9467e-002 52963 7.3501e-003 52964 7.7944e-002 52965 -2.0313e-002 52966 -7.6847e-002 52967 -0.1187 52968 -7.2058e-002 52969 -8.8995e-003 52970 -1.1731e-003 52971 -1.2294e-002 52972 -1.3613e-002 52973 -6.1481e-003 52974 2.2581e-003 52975 4.4597e-002 52976 3.085e-002 52977 -1.1464e-002 52978 8.1394e-006 52979 2.1751e-006 52980 -1.0751e-006 52981 4.6605e-005 52982 0.12475 52983 -4.2627e-002 52984 -0.29204 52985 -9.9629e-002 52986 4.4642e-003 52987 4.4064e-002 52988 2.2558e-004 52989 -2.0636e-005 52990 2.7688e-005 52991 2.6838e-005 52992 2.1524e-002 52993 3.1286e-002 52994 -7.799e-004 52995 -1.8111e-003 52996 -1.3129e-002 52997 -1.9665e-002 52998 1.4154e-003 52999 -1.2329e-003 53000 -2.6844e-003 53001 1.1646e-006 53002 108.16 53003 156.88 53004 -93.877 53005 -52.692 53006 -62.861 53007 -91.191 53008 -8.5616 53009 -9.4075 53010 51.566 53011 42.063 53012 -149.65 53013 -15.552 53014 -26.735 53015 -120.53 53016 -229.64 53017 161.65 53018 28.859 53019 34.158 53020 139.05 53021 220.3 53022 8.0487e-004 53023 -6.1427e-003 53024 7.6769e-003 53025 2.8841e-002 53026 9.8905e-003 53027 0.34141 53028 0.61113 53029 9.1624e-002 53030 9.4598e-003 53031 5.0301e-002 53032 0.2268 53033 1.6742e-003 53034 2.5365e-003 53035 4.4672e-002 53036 5.9171e-003 53037 -0.10825 53038 -2.7104e-003 53039 1.5272e-004 53040 -1.2639e-004 53041 -6.0188e-002 53042 -0.35306 53043 -0.616 53044 1.9008e-002 53045 -3.8397e-002 53046 -5.7554e-004 53047 47.193 53048 -41.318 53049 -20.871 53050 12.741 53051 8.6674 53052 -28.471 53053 -2.414 53054 -74.438 53055 70.851 53056 -13.701 53057 -94.546 53058 10.833 53059 168.29 53060 -101.18 53061 152.1 53062 -73.212 53063 -1.8399 53064 -2.3135 53065 0.9193 53066 0.33446 53067 4.542 53068 -0.31146 53069 1.8461 53070 1.2323 53071 2.7695 53072 -1.2155e-002 53073 1.2131e-008 53074 4.9071e-008 53075 -5.874e-007 53076 3.9453e-008 53077 -3.9548e-008 53078 -6.1079e-007 53079 -8.2443e-008 53080 -5.213e-007 53081 5.01e-008 53082 1.2151e-007 53083 2.7586e-007 53084 -1.4822e-007 53085 3.2589e-007 53086 -1.5456e-007 53087 -2.2525e-007 53088 7.4157e-008 53089 -1.7064e-007 53090 1.6652e-007 53091 -1.7016e-007 53092 -5.7612e-007 53093 -1.7608e-010 53094 -5.1156e-007 53095 1.0209e-006 53096 -5.53e-008 53097 1.7949e-007 53098 3.9099e-008 53099 -1.9527e-007 53100 -3.9029e-007 53101 -6.7284e-007 53102 -1.2612e-006 53103 1.4673e-010 53104 -2.0295e-007 53105 -8.508e-008 53106 1.784e-007 53107 -4.0189e-007 53108 3.3647e-007 53109 -3.0296e-008 53110 -1.0704e-007 53111 6.0801e-007 53112 -4.3176e-009 53113 3.5216e-010 53114 -5.0718e-007 53115 3.833e-007 53116 -3.4768e-007 53117 3.514e-008 53118 2.4797e-007 53119 -4.5789e-007 53120 -6.8786e-007 53121 6.804e-007 53122 4.4065e-007 53123 -4.1764e-008 53124 4.9248e-007 53125 4.9038e-008 53126 2.811e-007 53127 2.4582e-007 53128 5.648e-007 53129 -1.6225e-007 53130 1.209e-007 53131 4.6674e-007 53132 -9.7978e-007 53133 4.9665e-007 53134 3.7496e-007 53135 -5.2504e-007 53136 7.4546e-007 53137 -1.4387e-005 53138 2.5076e-005 53139 7.5187e-005 53140 5.5285e-005 53141 8.4171e-005 53142 -9.0776e-006 53143 -5.9597e-005 53144 -1.9916e-006 53145 -4.9987e-007 53146 -6.9899e-006 53147 -9.0882e-005 53148 -4.9868e-005 53149 5.9282e-005 53150 7.5854e-005 53151 -4.3285e-005 53152 -2.201e-011 53153 1.4109e-005 53154 7.4055e-007 53155 1.868e-005 53156 -1.3326e-005 53157 -8.5437e-006 53158 -3.8448e-005 53159 -4.3344e-006 53160 -3.3556 53161 -2.3408e-002 53162 0.41025 53163 -2.6137 53164 -1.0051e-002 53165 0.24309 53166 -0.23259 53167 10.979 53168 0.65026 53169 0.12262 53170 -48.279 53171 0.39873 53172 -526.08 53173 2.5173e-003 53174 -1.2563e-003 53175

4.8087e-002 53176 1.0875e-002 53177 -1.2738e-002 53178 1.361e-002 53179 3.2297e-003
53180 2.1723e-003 53181 0.18372 53182 4.5508e-002 53183 1.141e-003 53184 -3.5506e-002
53185 -3.7522e-002 53186 4.1891e-004 53187 2.1597e-004 53188 -1.8959e-003 53189
1.6255e-003 53190 3.2059e-002 53191 -1.7845e-002 53192 8.4341e-003 53193 2.0581e-003
53194 1.0805e-003 53195 -1.13e-003 53196 1.7314 53197 -4.2495 53198 -5.8434e-003 53199
3.5905e-003 53200 6.4928e-003 53201 7.6844e-004 53202 -3.5511e-003 53203 -2.8906e-003
53204 6.6816e-005 53205 -3.8661e-002 53206 10.927 53207 -12.635 53208 8.9661e-003
53209 1.0246e-004 53210 -7.4862e-004 53211 -1.0028e-004 53212 0.19138 53213 2.5e-004
53214 3.5357 53215 -13.206 53216 -6.4348e-003 53217 1.1959 53218 -88.716 53219 3.2888e-
004 53220 -2.689e-005 53221 -1.2251e-003 53222 2.4991 53223 -15.166 53224 4.814 53225
13.456 53226 -23.084 53227 26.621 53228 2.0613e-004 53229 -222.74 53230 -385.81 53231
-227.28 53232 384.51 53233 -144.18 53234 -8.5619 53235 8.406 53236 5.7219 53237 5.6777
53238 -11.193 53239 3.0772 53240 -8.4897 53241 39.893 53242 -46.427 53243 -20.541 53244
-5.5023 53245 -59.182 53246 -21.709 53247 19.943 53248 -39.896 53249 -0.73475 53250
-113.7 53251 79.852 53252 0.57625 53253 -32.791 53254 -1.3885 53255 1.2063 53256
0.28028 53257 -14.978 53258 5.027e-002 53259 -2.8918 53260 2.3104 53261 2.1262e-003
53262 -3.2127e-002 53263 -1.3832e-003 53264 -4.606e-004 53265 -4.5367e-003 53266
3.5528e-004 53267 -2.0492e-003 53268 -2.1387e-003 53269 -2.889e-003 53270 2.01e-003
53271 3.5466e-003 53272 4.6483e-003 53273 2.063e-003 53274 -8.6163e-004 53275
-4.9088e-004 53276 3.3518e-003 53277 -6.8805e-004 53278 -6.8618e-004 53279 -3.0905e-
003 53280 1.202e-004 53281 7.7078e-004 53282 -2.6525e-004 53283 2.2715e-003 53284
7.9209e-004 53285 2.7585e-003 53286 -5.2485e-004 53287 6.7743e-004 53288 1.0874e-003
53289 4.9566e-004 53290 -7.7769e-004 53291 1.4301e-003 53292 6.5872e-004 53293
6.1224e-004 53294 -3.2598e-004 53295 3.2826e-005 53296 2.9599e-004 53297 -2.7334e-005
53298 -3.1172e-004 53299 3.5074e-004 53300 -2.7044e-004 53301 1.6781e-004 53302
6.7893e-005 53303 -7.8643e-007 53304 1.4283e-004 53305 -1.776e-005 53306 1.8692e-004
53307 1.5389e-005 53308 4.899e-004 53309 3.3116e-004 53310 -3.5996e-005 53311 1.6792e-
004 53312 -6.5434e-007 53313 -1.4574e-004 53314 -3.5173e-005 53315 6.4687e-005 53316
1.011e-005 53317 9.9341e-005 53318 -4.9528e-006 53319 1.3131e-005 53320 2.3219e-005
53321 5.3828e-006 53322 -8.4247e-006 53323 -4.0671e-006 53324 -9.1378e-006 53325
-1.6326e-005 53326 -1.2224e-005 53327 1.7923e-004 53328 1.2909e-005 53329 -1.831e-006
53330 2.8688e-005 53331 7.1572e-006 53332 9.08e-006 53333 -9.5364e-007 53334 5.6272e-
007 53335 -6.6273e-007 53336 5.3951e-005 53337 2.3163e-005 53338 -1.3259e-005 53339
3.7636e-006 53340 2.4834e-007 53341 -8.5778e-006 53342 -8.6345e-006 53343 9.0583e-006
53344 -1.7483e-005 53345 1.5512e-006 53346 1.4725e-005 53347 1.3686e-005 53348
4.5541e-005 53349 -1.3552e-006 53350 -3.8823e-005 53351 -2.4689e-006 53352 7.9891e-007
53353 8.0584e-006 53354 5.0138e-005 53355 -8.8945e-005 53356 5.0368e-006 53357
3.0084e-003 53358 6.6979e-004 53359 6.7917e-004 53360 -2.76e-003 53361 -3.0673e-004
53362 -5.5569e-004 53363 2.2848e-003 53364 -2.0687e-003 53365 3.7335e-004 53366
2.1076e-003 53367 -1.4299e-003 53368 -6.687e-004 53369 -7.9812e-002 53370 3.3198e-004
53371 1.4577e-004 53372 0.52517 53373 -2.1408e-002 53374 0.43779 53375 -4.829e-002
53376 2.7913e-002 53377 -3.7194e-003 53378 -8.224e-003 53379 1.3202e-002 53380
1.6886e-004 53381 1.1436e-005 53382 -4.15e-005 53383 3.9468e-006 53384 188.48 53385
133.7 53386 1.2333e-004 53387 -3.5861e-006 53388 1.2349e-002 53389 2.993e-002 53390
-1.6079e-002 53391 -1.9161e-002 53392 -2.7389e-002 53393 2.1072e-003 53394 -3.3216e-
003 53395 1.3037e-003 53396 -4.41e-003 53397 -5.4164e-002 53398 2.0348e-002 53399
-20.515 53400 8.3981e-004 53401 -8.5618e-004 53402 -1.3108e-004 53403 -5.9326e-003
53404 -9.1302e-004 53405 -225.66 53406 -15.038 53407 -22.391 53408 1.9966 53409
-7.891e-002 53410 -0.12866 53411 1.3776e-003 53412 -2.4634e-003 53413 -3.4174e-003
53414 -4.9636e-003 53415 -1.3149e-003 53416 4.0836e-003 53417 1.6067e-002 53418
3.6546e-003 53419 -3.2451e-003 53420 -1.244e-003 53421 -5.4122e-004 53422 9.2712e-004
53423 -9.9858e-004 53424 -2.2711e-004 53425 1.8202e-003 53426 1.0189e-003 53427
7.1613e-006 53428 7.4393e-004 53429 -1.6048e-004 53430 -1.2195e-004 53431 1.7612e-005
53432 2.7839e-004 53433 1.4508e-005 53434 -1.7085e-005 53435 -3.9317e-005 53436
7.8478e-005 53437 1.2713e-005 53438 1.2801e-004 53439 1.8279e-003 53440 -2.1639e-004
53441 2.1679e-003 53442 -6.7437e-004 53443 -1.5906e-003 53444 5.8467e-004 53445
-1.5783e-002 53446 1.0173e-002 53447 1.626e-002 53448 4.7762e-003 53449 -1.3379e-002

53450 -1.0132e-003 53451 2.2101e-003 53452 -2.6185e-003 53453 6.9945e-004 53454
1.5633e-003 53455 -2.1309e-004 53456 -1.3064e-003 53457 -2.4383e-003 53458 1.0751e-003
53459 1.649e-004 53460 2.3611e-005 53461 1.3749e-005 53462 -3.4145e-005 53463 1.6946e-
003 53464 3.2371e-003 53465 -8.1959e-005 53466 1.9724e-003 53467 -9.0718e-003 53468
-3.0562e-003 53469 2.2171e-003 53470 -1.4815e-002 53471 3.3654e-002 53472 -6.2337e-003
53473 -3.4072e-003 53474 2.6938e-003 53475 7.749e-003 53476 -7.8422e-004 53477
-1.5411e-003 53478 -1.4233e-003 53479 2.8869e-003 53480 -2.413e-003 53481 7.9728e-004
53482 5.0442e-004 53483 -4.6649e-004 53484 8.1052e-003 53485 2.5008e-006 53486 -1.134
53487 1.4807e-002 53488 -64.322 53489 -27.354 53490 9.0138e-004 53491 -6.9787e-004
53492 -3.5679e-002 53493 -2.848e-004 53494 41.889 53495 20.953 53496 6.6977e-004 53497
-27.41 53498 1.3784 53499 -74.631 53500 30.633 53501 -52.205 53502 -4.3876 53503
-0.84239 53504 0.42392 53505 2.944e-003 53506 4.0472e-004 53507 6.0068e-004 53508
-1.7323e-004 53509 6.5835e-003 53510 -5.7211e-004 53511 -9.7774e-007 53512 -3.092e-005
53513 -9.3592e-006 53514 -2.1285e-005 53515 -8.1891e-003 53516 0.39737 53517 -5.1699e-
005 53518 -3.7827e-003 53519 -1.5894e-003 53520 -0.24573 53521 -0.56849 53522 -12.869
53523 -1.2389e-005 53524 -37.552 53525 -7.7892 53526 -1.53e-003 53527 1.1642e-003
53528 1.5084e-002 53529 -5.8337e-004 53530 3.3633e-003 53531 -8.1928 53532 -1.872e-002
53533 4.6686e-002 53534 2.5518e-002 53535 -9.2224e-005 53536 -2.5779e-003 53537
4.7568e-003 53538 8.3858e-004 53539 5.0134e-004 53540 1.4449e-002 53541 -5.8062e-003
53542 2.5686e-004 53543 1.274 53544 1.4936 53545 -42.804 53546 35.739 53547 1.5879e-
006 53548 -86.959 53549 30.575 53550 95.749 53551 -1.4171e-004 53552 30.093 53553
162.14 53554 -0.454 53555 -27.554 53556 -13.484 53557 -83.174 53558 -65.357 53559 40.439
53560 36.95 53561 65.979 53562 -1.0392 53563 118.43 53564 -78.466 53565 13.369 53566
-0.38246 53567 1.7534 53568 -2.0769e-003 53569 -6.7899e-004 53570 -0.6508 53571
-1.5163e-003 53572 1.0465e-005 53573 9.5582e-002 53574 3.5714e-004 53575 -2.4121e-003
53576 -1.0344e-005 53577 -2.0804e-004 53578 -3.0336e-003 53579 2.367e-003 53580
3.4066e-003 53581 1.575e-006 53582 6.9358e-004 53583 1.4737 53584 -2.4494e-004 53585
1.7702e-003 53586 1.7203e-004 53587 -1.4366e-003 53588 1.2633e-004 53589 -7.2046e-007
53590 -1.1007e-005 53591 -6.273e-005 53592 -7.2876e-004 53593 4.3155e-005 53594
1.0003e-003 53595 -2.452e-004 53596 -6.9433e-006 53597 4.7595e-005 53598 6.0354e-006
53599 4.4151e-007 53600 4.2725e-006 53601 5.5293e-005 53602 -1.1705e-005 53603
2.4115e-005 53604 2.3486e-006 53605 -2.273e-002 53606 -0.50017 53607 -7.4906e-006
53608 -6.2508e-005 53609 6.1455e-004 53610 -2.9056e-003 53611 2.694e-003 53612
3.1698e-005 53613 1.0669e-004 53614 3.768e-003 53615 -7.2989 53616 1.4875e-003 53617
-2.255e-003 53618 -1.8821 53619 -3.4347e-003 53620 -1.6823e-004 53621 -2.3967e-002
53622 5.4411e-004 53623 7.0063 53624 -71.887 53625 -85.25 53626 0.7897 53627 1.7313e-
003 53628 5.8755e-005 53629 2.3593 53630 -60.834 53631 -5.328e-003 53632 -6.611e-006
53633 -141.69 53634 -214.58 53635 -1.5531e-003 53636 -0.15289 53637 -4.8978e-006 53638
1.3258 53639 -1.0147e-003 53640 5.7102e-005 53641 4.2715e-005 53642 -0.72506 53643
-1.854e-003 53644 -9.8801 53645 4.2572e-004 53646 2.2699 53647 2.0356e-003 53648
-4.155e-003 53649 -1.9702e-005 53650 -4.8204e-005 53651 62.388 53652 -424.7 53653
-155.56 53654 -57.896 53655 13.822 53656 -17.342 53657 -248.59 53658 12.834 53659
-216.08 53660 25.816 53661 4.515 53662 -18.566 53663 15.521 53664 -82.758 53665 34.25
53666 -191.13 53667 -6.1093 53668 0.14783 53669 18.717 53670 225.61 53671 62.153 53672
-5.3709 53673 6.1973 53674 6.029 53675 -161.4 53676 30.677 53677 -7.5166 53678 55.233
53679 -168.57 53680 8.9439 53681 3.617 53682 -101.33 53683 -95.404 53684 -14.84 53685
-213.64 53686 374.58 53687 17.719 53688 0.17611 53689 -38.235 53690 -364.47 53691
236.17 53692 68.377 53693 -425.88 53694 -160.74 53695 -399.73 53696 406.73 53697 98.704
53698 -354.91 53699 9.7484 53700 3.2605e-004 53701 -141.73 53702 -297.19 53703 112.45
53704 -3.1607e-005 53705 -9.2419e-006 53706 -1.1371e-005 53707 -5.3718e-005 53708
-2.2756e-005 53709 1.0987e-005 53710 -1.9098e-004 53711 3.726e-004 53712 2.4059e-004
53713 -2.2507e-005 53714 -7.0872e-005 53715 -6.2081e-005 53716 -1.2329e-004 53717
2.6235e-006 53718 2.1043e-004 53719 3.6551e-003 53720 -4.4919e-005 53721 -2.6648e-005
53722 3.6424e-004 53723 1.0501e-004 53724 -1.2697e-005 53725 -5.1793e-006 53726
-1.0583e-004 53727 -2.746e-006 53728 -3.5604e-005 53729 -7.0544e-004 53730 2.279e-004
53731 -1.9644e-004 53732 1.2248e-004 53733 1.0054e-004 53734 1.4587e-006 53735
8.2029e-005 53736 -1.2832e-005 53737 2.0427e-006 53738 -2.041e-004 53739 -8.0434e-004

53740 2.3633e-006 53741 -1.2342e-005 53742 1.5426e-004 53743 9.2892e-005 53744
4.0973e-004 53745 -3.5911e-004 53746 2.4769e-005 53747 2.5565e-005 53748 1.5687e-005
53749 5.6763e-005 53750 -7.8253e-004 53751 3.6193e-007 53752 2.4172e-005 53753
-3.8508e-005 53754 -5.3906e-005 53755 -3.373e-004 53756 -7.2482e-005 53757 -3.0902e-005
53758 2.7067e-005 53759 4.4324e-005 53760 3.2231e-005 53761 1.8634e-006 53762
-6.7989e-004 53763 4.2776e-005 53764 -5.5188e-004 53765 -3.7007e-005 53766 -4.6374e-
005 53767 3.6101e-005 53768 -4.7388e-005 53769 -2.5195e-005 53770 -7.3706e-004 53771
-6.9804e-005 53772 -1.4396e-005 53773 -6.3261e-005 53774 1.6542e-004 53775 6.3947e-005
53776 1.0095e-003 53777 4.2904e-008 53778 -8.3201e-005 53779 -5.6876e-006 53780
-2.2482e-005 53781 1.1379e-005 53782 -2.8104e-005 53783 8.3703e-004 53784 1.0565e-004
53785 -2.3558e-004 53786 -2.9402e-004 53787 -3.707e-005 53788 -8.7549e-006 53789
-7.8485e-005 53790 2.4988e-005 53791 8.4175e-004 53792 4.0307e-005 53793 -1.8921e-006
53794 1.6172e-003 53795 2.5459e-004 53796 -2.3087e-004 53797 3.5526e-005 53798
3.8487e-005 53799 1.4906e-003 53800 4.3309e-006 53801 -2.0929e-005 53802 -2.4231e-005
53803 -9.2983e-005 53804 1.888e-004 53805 -5.755e-005 53806 3.3333e-004 53807 7.4112e-
005 53808 -4.1845e-005 53809 -1.0884e-005 53810 -1.791e-004 53811 -5.0584e-005 53812
-9.8326e-006 53813 -7.4358e-005 53814 -4.3721e-005 53815 5.0082e-004 53816 2.1276e-004
53817 1.5084e-003 53818 2.6635e-004 53819 -3.1423e-006 53820 1.9993e-005 53821
4.4595e-004 53822 1.9759e-004 53823 -2.2145e-004 53824 3.4213e-004 53825 -1.9049e-004
53826 -4.6043e-005 53827 -1.3195e-003 53828 2.4107e-004 53829 1.5114e-003 53830
-5.2916e-006 53831 1.5225e-003 53832 2.5078e-005 53833 2.5345e-005 53834 5.6988e-004
53835 1.1699e-004 53836 9.8981e-005 53837 7.0357e-004 53838 6.0915e-005 53839
1.8812e-004 53840 2.5336e-005 53841 -7.5167e-005 53842 2.4846e-004 53843 1.6123e-005
53844 -5.6961e-005 53845 -1.4451e-004 53846 -1.0101e-004 53847 -9.1334e-004 53848
-4.2937e-005 53849 -3.1411e-004 53850 -2.3496e-005 53851 1.5492e-005 53852 1.0365e-005
53853 1.0463e-004 53854 6.6029e-004 53855 2.9683e-004 53856 -8.5855e-006 53857
1.7632e-005 53858 2.4631e-004 53859 1.9633e-004 53860 -8.9613e-004 53861 -3.6005e-005
53862 -2.572e-005 53863 -1.0976e-004 53864 -8.5262e-004 53865 -6.4296e-006 53866
-3.8532e-003 53867 -2.5339e-004 53868 -3.1183e-004 53869 6.4227e-004 53870 3.2558e-005
53871 2.0533e-004 53872 1.2683e-004 53873 5.9061e-005 53874 3.3028e-005 53875
8.4915e-005 53876 -3.621e-005 53877 -5.1607e-005 53878 4.9183e-005 53879 -5.3447e-005
53880 2.7452e-004 53881 1.6591e-005 53882 -8.0062e-005 53883 -6.5318e-005 53884
-4.2568e-005 53885 -1.7929e-003 53886 3.4268e-005 53887 1.522e-006 53888 -3.5608e-006
53889 5.0286e-005 53890 -1.0803e-004 53891 6.0831e-005 53892 -5.3382e-004 53893
-1.8952e-005 53894 1.1611e-004 53895 3.1559e-004 53896 -2.041e-005 53897 -3.8986e-005
53898 2.1296e-004 53899 -1.8426e-003 53900 -4.4962e-005 53901 -4.816e-005 53902
-6.7007e-004 53903 -1.4162e-004 53904 -1.8198e-003 53905 -1.7397e-004 53906 -9.2354e-
003 53907 7.3354e-006 53908 -5.1092e-006 53909 -3.438e-005 53910 -4.6284e-004 53911
-9.6173e-004 53912 9.008e-005 53913 -1.2013e-004 53914 2.4542e-004 53915 -3.1046e-005
53916 1.0442e-004 53917 1.1238e-004 53918 8.6264e-004 53919 9.0037e-005 53920
2.5664e-004 53921 1.9527e-004 53922 9.5604e-006 53923 -2.881e-006 53924 -3.5739e-005
53925 1.0041e-004 53926 -1.0353e-004 53927 -2.7943e-006 53928 -8.0623e-004 53929
-1.2824e-004 53930 2.1691e-005 53931 1.1146e-004 53932 3.1122e-005 53933 -2.9886e-004
53934 4.8538e-005 53935 1.0695e-005 53936 -2.5004e-006 53937 7.8266e-004 53938
-2.0864e-005 53939 1.1528e-004 53940 -3.3305e-005 53941 -7.0315e-004 53942 -6.0241e-
004 53943 -2.0929e-004 53944 -6.4951e-003 53945 1.3811e-004 53946 7.5579e-005 53947
3.5118e-004 53948 7.9062e-004 53949 -2.8963e-004 53950 1.5324e-003 53951 1.9928e-005
53952 1.8011e-005 53953 6.7329e-006 53954 1.1964e-007 53955 -1.3975e-006 53956
-1.3238e-006 53957 -4.7764e-007 53958 -1.0569e-006 53959 -8.5758e-008 53960 -3.1245e-
006 53961 4.3731e-006 53962 -2.4091e-007 53963 -1.3575e-006 53964 3.327e-008 53965
-5.1759e-007 53966 -2.9845e-007 53967 1.3811e-006 53968 -1.0582e-005 53969 3.8628e-006
53970 1.1258e-004 53971 -4.6936e-007 53972 -1.1223e-006 53973 6.6678e-006 53974
1.5758e-006 53975 5.2151e-007 53976 3.3462e-007 53977 4.6013e-007 53978 3.8661e-007
53979 4.7938e-007 53980 1.1341e-006 53981 -3.6606e-006 53982 1.3273e-006 53983
-1.2413e-006 53984 -2.9199e-006 53985 -7.4201e-008 53986 1.2382e-006 53987 9.4768e-007
53988 2.378e-006 53989 4.6854e-008 53990 9.0267e-008 53991 1.2995e-006 53992
-3.2556e-007 53993 -1.1938e-007 53994 -4.0769e-006 53995 -1.0225e-006 53996 1.7876e-

006 53997 8.6741e-007 53998 8.2898e-007 53999 7.7943e-007 54000 5.431e-007 54001
8.711e-007 54002 2.7069e-006 54003 2.4204e-005 54004 -1.5753e-006 54005 4.2433e-007
54006 1.1825e-006 54007 4.1227e-007 54008 -8.95e-006 54009 -2.0316e-006 54010
-8.5891e-007 54011 -2.9254e-008 54012 -1.2025e-006 54013 -1.7344e-006 54014 -8.0941e-
009 54015 -8.2057e-006 54016 1.3e-005 54017 1.2574e-005 54018 -4.7173e-007 54019
-1.2377e-006 54020 4.8733e-006 54021 2.7362e-006 54022 3.9907e-007 54023 8.1429e-007
54024 5.6759e-006 54025 7.6473e-007 54026 2.5586e-007 54027 1.1678e-006 54028
-4.088e-007 54029 -4.2834e-007 54030 3.4918e-007 54031 5.8904e-007 54032 -5.5202e-007
54033 -4.1131e-007 54034 -3.4501e-007 54035 -2.1858e-007 54036 -2.5921e-005 54037
1.2068e-007 54038 2.5165e-007 54039 -6.4676e-006 54040 -4.1422e-007 54041 -1.059e-007
54042 -3.9179e-007 54043 -6.3785e-008 54044 -2.5101e-006 54045 4.302e-006 54046
-2.1677e-007 54047 -1.118e-006 54048 -2.3631e-007 54049 -2.659e-005 54050 -5.4813e-007
54051 -9.968e-007 54052 -7.1364e-006 54053 -7.3853e-007 54054 -2.6463e-005 54055
-4.1053e-007 54056 -3.3193e-005 54057 -2.9074e-007 54058 -7.7526e-009 54059 -2.8569e-
006 54060 -4.1258e-006 54061 4.7173e-006 54062 -1.0221e-007 54063 1.7336e-006 54064
2.092e-007 54065 8.0691e-007 54066 1.0431e-006 54067 5.6614e-006 54068 8.589e-007
54069 1.187e-006 54070 1.7996e-006 54071 3.1603e-006 54072 -2.4734e-007 54073
-6.7353e-007 54074 -1.2183e-007 54075 -1.0259e-007 54076 -3.5019e-006 54077 -1.9692e-
006 54078 -1.3045e-006 54079 -2.4523e-005 54080 -1.6313e-006 54081 -1.4273e-006 54082
-5.6431e-006 54083 -4.7975e-006 54084 7.527e-008 54085 7.2948e-008 54086 1.549e-006
54087 2.168e-007 54088 1.3712e-007 54089 2.8723e-007 54090 4.4202e-006 54091
-2.8948e-007 54092 5.5849e-007 54093 -7.3491e-007 54094 -7.1566e-007 54095 -2.3841e-
005 54096 -9.487e-007 54097 -9.0582e-007 54098 -4.115e-006 54099 -2.3176e-005 54100
1.5165e-006 54101 -1.0198e-004 54102 -8.0059e-008 54103 2.5479e-007 54104 -4.2958e-006
54105 -1.9637e-005 54106 4.6564e-006 54107 1.5142e-006 54108 1.4535e-005 54109
1.8204e-007 54110 2.1553e-006 54111 -1.7095e-007 54112 8.7655e-007 54113 1.2059e-005
54114 9.4041e-008 54115 -2.4875e-007 54116 -2.0986e-007 54117 2.0605e-007 54118
1.5539e-006 54119 -2.9659e-007 54120 -9.1059e-007 54121 -1.6208e-006 54122 -1.4614e-
006 54123 -1.1526e-005 54124 -1.2248e-006 54125 -2.0662e-006 54126 5.2055e-006 54127
-5.8428e-007 54128 7.5751e-007 54129 1.6322e-006 54130 -3.4314e-007 54131 1.3413e-007
54132 1.1879e-005 54133 1.4122e-006 54134 -4.2938e-007 54135 -4.3831e-007 54136
1.8281e-006 54137 -1.0135e-005 54138 -1.0845e-005 54139 1.2764e-006 54140 -5.3911e-005
54141 -5.442e-007 54142 -6.9903e-007 54143 5.8862e-006 54144 1.2926e-005 54145
2.6182e-006 54146 3.5748e-005 54147 9.6091e-007 54148 1.12e-006 54149 4.9009e-006
54150 3.8894e-006 54151 1.2635e-006 54152 1.3569e-006 54153 2.549e-005 54154 1.4541e-
006 54155 1.0981e-006 54156 1.3492e-005 54157 -3.417e-008 54158 -1.0938e-006 54159
4.5202e-006 54160 1.3471e-007 54161 -9.4409e-007 54162 -8.704e-007 54163 -2.671e-006
54164 -9.7044e-007 54165 1.0886e-007 54166 1.7121e-006 54167 1.3297e-007 54168
2.3885e-005 54169 4.2123e-006 54170 -5.0746e-007 54171 -1.732e-007 54172 1.1634e-005
54173 -1.5414e-006 54174 3.1527e-006 54175 -4.1882e-006 54176 -1.2328e-006 54177
3.3094e-006 54178 -2.0469e-006 54179 -1.0758e-006 54180 -4.1145e-006 54181 3.6872e-007
54182 -1.9297e-005 54183 -1.2105e-006 54184 7.6492e-006 54185 2.3978e-005 54186
1.448e-006 54187 2.8918e-005 54188 -5.8084e-008 54189 -1.3115e-007 54190 1.198e-005
54191 5.9833e-007 54192 2.95e-007 54193 1.4951e-005 54194 -1.8704e-007 54195 2.6039e-
007 54196 3.0932e-007 54197 -1.853e-006 54198 6.3544e-006 54199 -5.642e-007 54200
-1.5981e-007 54201 -2.8198e-006 54202 -3.7193e-007 54203 -2.0771e-006 54204 -1.3083e-
005 54205 -1.2644e-006 54206 -1.5804e-006 54207 3.8679e-006 54208 8.0076e-007 54209
2.1181e-007 54210 8.2192e-007 54211 3.5828e-007 54212 1.5411e-005 54213 7.1043e-006
54214 7.2124e-007 54215 5.9004e-007 54216 5.0587e-006 54217 4.942e-006 54218
-1.3528e-005 54219 -1.71e-006 54220 -1.9766e-006 54221 3.4223e-006 54222 -1.108e-005
54223 1.6516e-006 54224 -6.546e-006 54225 4.2199e-007 54226 1.5108e-005 54227
1.0626e-006 54228 1.1128e-005 54229 -2.9519e-008 54230 5.9899e-007 54231 3.8069e-006
54232 7.4005e-007 54233 4.4951e-007 54234 1.8798e-006 54235 5.1859e-007 54236
-9.7394e-007 54237 -4.7712e-007 54238 -2.0365e-007 54239 -4.5535e-007 54240 -1.0415e-
007 54241 -3.2155e-005 54242 7.1686e-008 54243 -1.8421e-007 54244 -4.9372e-007 54245
3.5706e-007 54246 -4.7648e-007 54247 -4.9126e-007 54248 3.1922e-006 54249 8.6111e-007
54250 1.0568e-006 54251 1.3302e-006 54252 -3.2627e-006 54253 -4.3575e-007 54254

-3.2632e-005 54255 -4.0553e-007 54256 -1.6228e-007 54257 -1.1109e-005 54258 -3.2281e-005 54259 -2.1292e-007 54260 -8.0665e-005 54261 -2.2771e-007 54262 -3.1023e-007 54263 -8.8564e-006 54264 2.9017e-006 54265 6.1398e-007 54266 6.3786e-007 54267 3.9396e-006 54268 6.2308e-007 54269 -4.9875e-007 54270 -1.5325 54271 47.711 54272 21.117 54273 -151.56 54274 5.8604 54275 19.737 54276 6.2016 54277 0.63557 54278 49.235 54279 6.1451 54280 -73.311 54281 -71.082 54282 2.5913 54283 -76.174 54284 10.647 54285 12.495 54286 -59.102 54287 6.3433 54288 2.4203 54289 -1.3622 54290 2.2999 54291 21.288 54292 -20.841 54293 -94.944 54294 -0.31267 54295 6.3719 54296 20.551 54297 -152.13 54298 -95.681 54299 5.635 54300 -0.45597 54301 -5.067 54302 -11.856 54303 9.102 54304 -1.3809 54305 11.27 54306 -3.707 54307 -9.1108 54308 -1.4467 54309 -1.2409e-010 54310 -4.2412 54311 -0.69568 54312 -10.451 54313 -12.096 54314 62.425 54315 41.281 54316 -1.5351 54317 45.977 54318 -12.444 54319 8.5142 54320 40.933 54321 0.26357 54322 -5.3483 54323 -2.4119 54324 70.86 54325 -0.67338 54326 -11.29 54327 75.645 54328 -0.66705 54329 -1.3613 54330 0.55932 54331 -0.194 54332 -2.1161 54333 -0.77201 54334 64.497 54335 0.28942 54336 2.9207 54337 -2.1357 54338 71.137 54339 64.477 54340 0.39289 54341 0.66554 54342 5.9024 54343 -1.3471 54344 0.40031 54345 -7.343e-002 54346 -0.48876 54347 -1.682e-002 54348 -0.48876 54349 -1.8729 54350 2.1426 54351 2.3501 54352 6.4386 54353 -0.8109 54354 -70.788 54355 61.559 54356 55.038 54357 51.484 54358 -27.281 54359 87.775 54360 69.01 54361 25.851 54362 59.54 54363 60.689 54364 69.794 54365 54.537 54366 102.41 54367 49.732 54368 58.165 54369 63.24 54370 68.413 54371 -46.607 54372 18.838 54373 14.915 54374 66.715 54375 51.206 54376 -250.55 54377 32.441 54378 -10.718 54379 22.467 54380 27.542 54381 6.7112 54382 1.1525 54383 -0.53826 54384 1.2091 54385 -0.64693 54386 -1.4275e-002 54387 3.576 54388 -22.476 54389 11.213 54390 -67.508 54391 4.6987 54392 -65.279 54393 44.685 54394 5.2226 54395 31.757 54396 -17.239 54397 16.45 54398 -6.809e-002 54399 -2.889 54400 -1.5448 54401 -0.48342 54402 2.1479 54403 -0.80938 54404 -6.0798 54405 -10.754 54406 0.88726 54407 0.41533 54408 3.0466 54409 -0.33611 54410 8.9364e-002 54411 0.47664 54412 3.2542 54413 -5.181 54414 -22.798 54415 -9.8551 54416 -10.78 54417 -7.7476 54418 -16.632 54419 65.525 54420 -6.0091 54421 -14.432 54422 -10.938 54423 -15.612 54424 -3.467 54425 68.461 54426 61.802 54427 -11.495 54428 -2.7315 54429 -6.6863 54430 -8.0019 54431 -12.676 54432 -21.567 54433 -22.199 54434 52.321 54435 -11.639 54436 35.873 54437 -44.491 54438 -17.797 54439 -23.983 54440 64.355 54441 -11.957 54442 -12.651 54443 74.071 54444 -20.38 54445 -45.503 54446 -35.43 54447 -16.886 54448 -21.56 54449 -68.139 54450 -22.485 54451 -24.995 54452 -10.601 54453 -17.055 54454 -8.8399 54455 3.9033 54456 -6.5796 54457 6.0714 54458 -197.6 54459 -7.884 54460 -61.982 54461 -12.652 54462 50.677 54463 -2.8859 54464 29.533 54465 -204.39 54466 -46.135 54467 -43.353 54468 -14.673 54469 -68.771 54470 -19.441 54471 -25.627 54472 -1.0944 54473 24.213 54474 -17.915 54475 2.6126 54476 -1.6286 54477 172.23 54478 4.1512 54479 12.584 54480 9.2972 54481 -12.818 54482 -5.1538 54483 -3.707 54484 -7.9482 54485 165.91 54486 -196.17 54487 -3.5077 54488 -2.1684 54489 -6.4582 54490 6.2646 54491 -60.556 54492 75.82 54493 191.22 54494 23.139 54495 31.572 54496 41.82 54497 28.285 54498 5.6693 54499 -17.068 54500 -0.45934 54501 0.1708 54502 -42.429 54503 -7.6758 54504 -26.188 54505 -6.5232 54506 -38.619 54507 -77.612 54508 -86.753 54509 17.824 54510 29.019 54511 -68.363 54512 -34.844 54513 23.612 54514 17.085 54515 30.149 54516 44.857 54517 2.3631 54518 0.32017 54519 -8.0516 54520 -3.3393 54521 -18.643 54522 -7.5264 54523 -26.039 54524 -0.33099 54525 -3.1354 54526 2.2879 54527 -6.7949 54528 -0.37903 54529 2.4977 54530 16.686 54531 15.881 54532 -0.33852 54533 0.81218 54534 17.943 54535 11.522 54536 -66.761 54537 -51.297 54538 -51.559 54539 -84.024 54540 -10.73 54541 -285.16 54542 -16.763 54543 122.49 54544 -102.81 54545 -169.95 54546 -92.216 54547 -35.954 54548 -156.08 54549 -276.91 54550 -76.378 54551 2.9701 54552 -66.725 54553 -64.764 54554 45.063 54555 -171.73 54556 -104.14 54557 2.9427 54558 -66.131 54559 24.226 54560 -103.54 54561 -82.342 54562 0.954 54563 -89.485 54564 -66.753 54565 114.75 54566 -82.964 54567 -10.683 54568 -0.23084 54569 -123.26 54570 -90.851 54571 -12.049 54572 -59.97 54573 -71.071 54574 -63.13 54575 -123.08 54576 23.174 54577 -59.789 54578 -95.596 54579 53.993 54580 54.411 54581 69.372 54582 -128.03 54583 44.038 54584 64.65 54585 70.598 54586 113.85 54587 -23.845 54588 234.29 54589 -141.15 54590 -168.83 54591 9.9156 54592 -253.34 54593 -106.62 54594 38.544 54595 -150.4 54596 -8.4528 54597 -16.649 54598 -3.5842 54599 -23.039 54600 -56.952 54601 -18.854 54602 -27.92 54603 -9.9462

54604 -189.5 54605 17.321 54606 41.912 54607 29.363 54608 89.119 54609 88.925 54610
30.589 54611 194.28 54612 16.001 54613 19.544 54614 45.249 54615 75.269 54616 92.262
54617 50.605 54618 7.9156 54619 8.1282 54620 14.888 54621 51.596 54622 45.949 54623
17.064 54624 2.5216e-002 54625 -0.4894 54626 4.6989 54627 18.864 54628 13.635 54629
1.6185 54630 -8.3355 54631 -21.689 54632 -4.9504 54633 -14.962 54634 -2.8426 54635
-24.71 54636 -1.6208 54637 -11.571 54638 -25.589 54639 -42.417 54640 -28.609 54641 -43.5
54642 3.3047 54643 -38.937 54644 -0.95684 54645 -42.946 54646 -32.885 54647 -39.207
54648 -102.79 54649 -208.44 54650 2.4844 54651 -44.626 54652 -22.77 54653 -130.33 54654
-44.895 54655 -21.851 54656 -183.43 54657 -214.13 54658 -21.292 54659 -64.623 54660
-37.3 54661 -52.709 54662 -107.92 54663 -104.79 54664 -112.77 54665 -130.69 54666 -111.12
54667 -204.81 54668 -125.54 54669 -118.73 54670 -5.7114 54671 -50.193 54672 -155.37
54673 -59.079 54674 -105.4 54675 -116.21 54676 -80.415 54677 -78.114 54678 -65.524 54679
-90.974 54680 -226.86 54681 -171.51 54682 -168.23 54683 -51.936 54684 -29.999 54685
-45.103 54686 -40.503 54687 -60.584 54688 -171.94 54689 -143.21 54690 -102.9 54691 -35.9
54692 -36.34 54693 -26.542 54694 -49.469 54695 -156.1 54696 -99.44 54697 -75.277 54698
-38.436 54699 -11.672 54700 -23.761 54701 -23.783 54702 -128.41 54703 -62.698 54704
-83.31 54705 -46.603 54706 -26.048 54707 -26.786 54708 -51.444 54709 -168.03 54710
-98.424 54711 -117.21 54712 -134.82 54713 -23.047 54714 -19.101 54715 -40.317 54716
-182.86 54717 -65.017 54718 -110.26 54719 -100.2 54720 -66.2 54721 -38.201 54722 -199.54
54723 -129.25 54724 -126.27 54725 -144.18 54726 -124.61 54727 -72.334 54728 -218.3
54729 -237.74 54730 -37.128 54731 -39.757 54732 -43.648 54733 -46.014 54734 -74.105
54735 0.99107 54736 -178.56 54737 -186.78 54738 -278.55 54739 -88.129 54740 -144.66
54741 -90.496 54742 -169.38 54743 -111.28 54744 -233.71 54745 -154.44 54746 -153.64
54747 -118.59 54748 -147.63 54749 29.781 54750 52.12 54751 4.4473 54752 25.059 54753
74.261 54754 -63.436 54755 194.7 54756 -48.887 54757 -172.57 54758 129.3 54759 -90.758
54760 -96.888 54761 -225.67 54762 -256.37 54763 -24.925 54764 -52.896 54765 -42.836
54766 -30.67 54767 -58.908 54768 -116.82 54769 -112.74 54770 -218.39 54771 -22.204 54772
-55.771 54773 -41.963 54774 -56.853 54775 -97.17 54776 -31.644 54777 -44.687 54778
1.4736 54779 -49.888 54780 -143.77 54781 -0.27678 54782 -15.476 54783 -3.3572 54784
-25.224 54785 -14.906 54786 -45.357 54787 -33.149 54788 -1.5976 54789 3.6846 54790
-21.85 54791 11.671 54792 19.076 54793 13.848 54794 1.8311 54795 16.132 54796 -9.7172
54797 8.8728 54798 44.135 54799 55.139 54800 49.492 54801 20.607 54802 30.304 54803
22.891 54804 9.9619 54805 57.291 54806 99.86 54807 210.31 54808 116.85 54809 75.197
54810 91.947 54811 124.46 54812 78.282 54813 56.009 54814 2.759 54815 104.5 54816
67.082 54817 104.3 54818 65.733 54819 -21.108 54820 209.66 54821 56.56 54822 -153.37
54823 -125.95 54824 40.959 54825 -158.41 54826 -85.121 54827 -359.55 54828 -91.153
54829 48.095 54830 -66.602 54831 55.243 54832 -2.3022 54833 13.277 54834 -265.56 54835
-93.488 54836 -118.84 54837 -11.551 54838 -162.62 54839 -75.187 54840 -94.284 54841
12.36 54842 -85.021 54843 4.5913 54844 2.8535 54845 0.42673 54846 13.49 54847 28.199
54848 -186.16 54849 -39.907 54850 87.659 54851 40.697 54852 -122.87 54853 -158.68 54854
47.046 54855 17.966 54856 54.981 54857 -213.7 54858 50.909 54859 -134.9 54860 -182.82
54861 -27.913 54862 10.996 54863 -53.528 54864 -12.9 54865 -38.907 54866 -193.92 54867
-158.56 54868 22.947 54869 103.48 54870 -164.13 54871 -174.77 54872 -102.49 54873
43.403 54874 -73.566 54875 -21.121 54876 -123.32 54877 -133.86 54878 -45.47 54879
-173.24 54880 -152.04 54881 -53.483 54882 -50.834 54883 -109.5 54884 -34.923 54885
-58.554 54886 -118.58 54887 -54.173 54888 -22.076 54889 -238.87 54890 -171.27 54891
14.872 54892 -51.521 54893 -6.7371 54894 -34.874 54895 -116.62 54896 79.817 54897
15.786 54898 -161.14 54899 92.601 54900 39.394 54901 -5.8084 54902 -2.4918 54903
-11.889 54904 -48.408 54905 97.103 54906 -32.167 54907 -12.502 54908 -50.921 54909
-83.591 54910 17.547 54911 0.94731 54912 5.6882 54913 1.7404 54914 1.985 54915 0.75943
54916 0.52263 54917 3.0641 54918 1.6733 54919 -0.51439 54920 18.804 54921 -2.3739
54922 3.0494 54923 -6.0334 54924 0.2763 54925 0.67492 54926 0.3825 54927 1.4648 54928
3.2298 54929 -13.55 54930 -2.6188 54931 -11.259 54932 -8.8378 54933 -2.5281 54934
-2.8971 54935 -2.5796 54936 -2.7804 54937 -2.8392 54938 -2.9517 54939 -31.537 54940
5.1714 54941 0.42534 54942 0.71675 54943 -162.31 54944 -7.9421 54945 -89.704 54946
-74.1 54947 -107.31 54948 -79.645 54949 -12.111 54950 -141.27 54951 -71.66 54952 -74.838
54953 -7.7868 54954 -108.05 54955 -14.403 54956 -128.85 54957 -63.138 54958 -83.75

54959 34.05 54960 -19.877 54961 -25.468 54962 6.3745 54963 -19.708 54964 -134.16 54965
-77.503 54966 -53.34 54967 -15.67 54968 -62.568 54969 -16.08 54970 -30.212 54971 -161.65
54972 -132.92 54973 -92.606 54974 -77.671 54975 -132.23 54976 -67.997 54977 -186.95
54978 -116.66 54979 -128.32 54980 -127.63 54981 -225.15 54982 -97.09 54983 7.3243 54984
5.5937 54985 5.4699 54986 3.6322 54987 9.9454 54988 2.3212 54989 3.8921 54990 0.84171
54991 3.3808 54992 0.78834 54993 1.4194 54994 3.2228 54995 1.6235 54996 0.86491 54997
0.10831 54998 -0.64335 54999 0.76308 55000 0.7382 55001 -0.44357 55002 -1.9012 55003
-0.42993 55004 -0.4507 55005 -0.46884 55006 -0.49371 55007 -0.21742 55008 -3.4533e-002
55009 -3.4144 55010 -5.2996 55011 98.38 55012 -2.8406 55013 -7.7213 55014 -2.0887 55015
-0.94432 55016 -1.9821 55017 -1.7307 55018 -5.6509 55019 -2.1541 55020 -6.8479 55021
-2.3438 55022 -2.2688 55023 -2.8136 55024 2.227 55025 4.5416 55026 4.6257 55027 7.7936
55028 2.0979 55029 2.1123 55030 2.9638 55031 4.5667e-002 55032 0.65601 55033 0.10155
55034 6.1205e-002 55035 4.9935e-002 55036 5.4816e-002 55037 -0.65506 55038 6.4308e-
002 55039 3.8481e-002 55040 4.7206e-002 55041 7.759e-003 55042 8.7262e-003 55043
2.8526e-002 55044 2.2137e-002 55045 7.2018e-003 55046 1.4528e-002 55047 8.3214e-003
55048 8.1126e-003 55049 1.0369e-002 55050 9.7858e-003 55051 8.8725e-003 55052
1.2822e-003 55053 1.7285e-005 55054 -1.319e-004 55055 -4.5278e-004 55056 1.0396e-006
55057 -5.7635e-005 55058 -1.2149e-005 55059 2.2493e-003 55060 1.2999e-004 55061
3.0623e-005 55062 4.0259e-004 55063 1.652e-004 55064 1.0111e-004 55065 5.1151e-005
55066 3.521e-004 55067 1.0163e-004 55068 7.8867e-005 55069 -38.806 55070 -140.3 55071
-32.867 55072 -63.506 55073 -39.87 55074 -48.741 55075 -44.663 55076 -28.753 55077
-59.697 55078 -66.02 55079 -98.69 55080 121.9 55081 165.83 55082 -31.747 55083 48.954
55084 1.772 55085 68.92 55086 66.131 55087 107.93 55088 60.227 55089 66.765 55090
56.955 55091 81.473 55092 -17.21 55093 -32.513 55094 -37.919 55095 -23.539 55096 -55.319
55097 -11.323 55098 -39.909 55099 -19.632 55100 -3.2003 55101 -7.9464 55102 -3.4145
55103 9.16 55104 -10.931 55105 17.747 55106 -9.3275 55107 3.0014 55108 4.0837 55109
5.0916 55110 -0.22053 55111 22.194 55112 30.931 55113 33.621 55114 27.799 55115 16.791
55116 16.484 55117 17.253 55118 15.862 55119 13.674 55120 32.993 55121 424.13 55122
348.56 55123 270.03 55124 -4.4031 55125 403.24 55126 315.03 55127 -54.604 55128 15.955
55129 -104.88 55130 272.85 55131 122.12 55132 148.86 55133 144.09 55134 95.656 55135
312.68 55136 -129.04 55137 -61.447 55138 230.15 55139 248.69 55140 103.09 55141 74.952
55142 -6.7883 55143 268.3 55144 -82.88 55145 -61.681 55146 219.32 55147 208.72 55148
-19.144 55149 55.433 55150 307.71 55151 29.468 55152 101.75 55153 247.64 55154 310.47
55155 80.914 55156 621.3 55157 435.5 55158 387.58 55159 542.48 55160 581.39 55161
376.48 55162 173.96 55163 -36.565 55164 -72.373 55165 118.34 55166 133.35 55167 202.41
55168 126.89 55169 135.37 55170 107.33 55171 144.74 55172 131.54 55173 113.28 55174
156.53 55175 18.834 55176 145.91 55177 59.914 55178 205.08 55179 201.66 55180 16.134
55181 103.56 55182 -35.655 55183 -31.664 55184 -29.856 55185 -25.671 55186 -40.787
55187 -34.737 55188 -16.763 55189 -196.31 55190 286.33 55191 164.06 55192 189.45 55193
123.99 55194 105.72 55195 148.98 55196 269.42 55197 116.32 55198 138.35 55199 146.87
55200 105.22 55201 121.97 55202 154.48 55203 130.7 55204 86.2 55205 57.315 55206
75.681 55207 56.234 55208 67.013 55209 46.67 55210 50.543 55211 28.012 55212 15.996
55213 22.154 55214 41.016 55215 30.296 55216 47.814 55217 23.038 55218 -13.368 55219
-35.236 55220 -28.977 55221 -20.728 55222 -55.369 55223 -31.862 55224 -58.791 55225
-73.682 55226 -69.504 55227 -51.792 55228 -61.516 55229 -160.6 55230 -84.825 55231
-91.146 55232 -92.968 55233 -82.563 55234 -158.81 55235 -154.73 55236 -150.72 55237
-65.281 55238 -54.839 55239 -48.287 55240 -42.237 55241 -203.81 55242 -234.52 55243
-16.704 55244 -195.59 55245 -70.577 55246 -122.37 55247 -130.36 55248 -128.7 55249
-150.91 55250 -76.43 55251 -222.4 55252 -195.67 55253 -241.99 55254 -216.45 55255 -252.8
55256 -212.4 55257 -157.04 55258 -153.77 55259 -177.13 55260 -148.4 55261 -108.09 55262
-157.09 55263 -100.43 55264 -76.267 55265 -128.88 55266 -63.159 55267 -83.771 55268
-165.93 55269 -96.318 55270 -115.1 55271 -183.52 55272 -65.678 55273 -110.92 55274
-46.834 55275 -100.86 55276 -169.08 55277 60.974 55278 29.866 55279 -159.09 55280
-129.35 55281 -196.12 55282 -138.47 55283 -114.45 55284 -294. 55285 -289.22 55286
-57.992 55287 -10.424 55288 157.44 55289 149.94 55290 130.38 55291 167.79 55292 154.59
55293 179.58 55294 69.247 55295 41.881 55296 300.02 55297 316.09 55298 43.599 55299
-339.51 55300 -162.4 55301 -155.85 55302 -311.37 55303 -342.08 55304 -306.6 55305

-124.26 55306 -29.719 55307 -392.92 55308 -300.64 55309 28.93 55310 -228.08 55311
-217.67 55312 -293.92 55313 -289.84 55314 -395.49 55315 -217.46 55316 -177.07 55317
-17.425 55318 -132.58 55319 -114.87 55320 -223.67 55321 23.392 55322 -114.49 55323
-34.121 55324 -39.388 55325 -53.027 55326 -44.778 55327 -79.419 55328 -35.659 55329
-55.911 55330 -12.54 55331 36.595 55332 95.792 55333 31.328 55334 39.455 55335 58.318
55336 65.116 55337 40.339 55338 146.65 55339 198.48 55340 3.6415 55341 114.54 55342
95.091 55343 105.87 55344 85.528 55345 62.581 55346 289.09 55347 370.22 55348 54.553
55349 232.41 55350 264.93 55351 143.22 55352 33.48 55353 399.04 55354 53.666 55355
311.52 55356 246.06 55357 391.49 55358 238.39 55359 407.56 55360 282.59 55361 235.63
55362 188.09 55363 109.55 55364 -164.88 55365 242.76 55366 299.21 55367 210.26 55368
136.16 55369 124.97 55370 324.08 55371 128.07 55372 249.91 55373 72.695 55374 308.17
55375 392.56 55376 94.402 55377 309.28 55378 200.18 55379 388.1 55380 123.76 55381
290.09 55382 243.72 55383 211.18 55384 358.97 55385 26.371 55386 107.07 55387 -60.515
55388 229.46 55389 124.25 55390 166.05 55391 115.07 55392 139.59 55393 55.194 55394
245.9 55395 229.2 55396 260.92 55397 186.19 55398 143.91 55399 231.84 55400 268.85
55401 269.1 55402 308.01 55403 284.11 55404 209.39 55405 258.11 55406 103.1 55407
120.64 55408 328.17 55409 391. 55410 117.78 55411 161.44 55412 186.75 55413 442.73
55414 432.13 55415 106.39 55416 204.27 55417 278.84 55418 117.73 55419 248.28 55420
174.17 55421 455.08 55422 473.62 55423 344.86 55424 328.02 55425 299.88 55426 124.35
55427 451.8 55428 117.7 55429 74.501 55430 301.07 55431 323.04 55432 274.61 55433
25.384 55434 78.828 55435 -136.53 55436 -304.44 55437 -152.41 55438 -21.66 55439 -148.33
55440 -163.36 55441 -202.68 55442 -169.68 55443 -202.35 55444 -270.58 55445 0.61549
55446 142.67 55447 207.73 55448 107.99 55449 102.17 55450 88.045 55451 107.36 55452
35.14 55453 54.068 55454 -58.395 55455 -12.123 55456 16.555 55457 -10.52 55458 138.94
55459 -121.9 55460 4.4656 55461 -244.32 55462 -88.823 55463 -74.443 55464 -106.22 55465
-70.536 55466 -54.104 55467 -207.18 55468 -266.97 55469 -287.51 55470 -213.04 55471
-180.33 55472 -213.37 55473 -359. 55474 -365.96 55475 -15.669 55476 -253.47 55477
-313.21 55478 -45.39 55479 -237.86 55480 -199.64 55481 -123.11 55482 -243.41 55483
-311.63 55484 -78.658 55485 -132.22 55486 -99.802 55487 -212.91 55488 -231.69 55489
-291.43 55490 -348.45 55491 -216.08 55492 -149.03 55493 -177.86 55494 -180.49 55495
-249.3 55496 -41.109 55497 -167.79 55498 -188.4 55499 -323.94 55500 -287.9 55501 -70.603
55502 -98.279 55503 -60.989 55504 -207.06 55505 -182.89 55506 -303.01 55507 -367.99
55508 -46.495 55509 -192.12 55510 -145.63 55511 -259.75 55512 -219.44 55513 -380.37
55514 -349.47 55515 -204.51 55516 -259.06 55517 -181.46 55518 -194.83 55519 -292.93
55520 -289.65 55521 -379.37 55522 -221.08 55523 -288.96 55524 -211.36 55525 -221.41
55526 -386.49 55527 -258.43 55528 -374.01 55529 -96.11 55530 -400.87 55531 -366.32 55532
-142.88 55533 -308.21 55534 -251.98 55535 -350.57 55536 -175.23 55537 -81.595 55538
-81.295 55539 -137.69 55540 -258.09 55541 31.884 55542 -102. 55543 -86.298 55544 -72.696
55545 -82.505 55546 -57.987 55547 -100.78 55548 -251.93 55549 -169.53 55550 -120.1
55551 -116.94 55552 -41.82 55553 -46.592 55554 -133.5 55555 -123.01 55556 -139.04 55557
-95.027 55558 19.331 55559 -18.449 55560 146.09 55561 39.646 55562 23.888 55563 30.98
55564 -8.1644 55565 17.587 55566 28.074 55567 68.367 55568 43.758 55569 27.922 55570
144.01 55571 265.01 55572 142.81 55573 247.69 55574 141.59 55575 187.29 55576 99.664
55577 156.23 55578 66.994 55579 -1.2267 55580 192.14 55581 267.14 55582 18.355 55583
301.13 55584 199.91 55585 156.45 55586 171.86 55587 208.57 55588 120.11 55589 -26.538
55590 99.829 55591 19.734 55592 21.337 55593 33.498 55594 33.173 55595 35.756 55596
36.513 55597 37.971 55598 -85.315 55599 -37.197 55600 -103.39 55601 27.864 55602
-87.203 55603 -88.803 55604 -90.318 55605 -91.07 55606 -91.817 55607 -72.499 55608
-86.525 55609 -293.87 55610 -152.67 55611 -321.25 55612 -156.16 55613 -184.4 55614
-177.15 55615 -189.5 55616 -214.2 55617 16.571 55618 -136.53 55619 32.645 55620 0.89469
55621 -233.64 55622 -193.94 55623 -91.716 55624 -103.41 55625 -55.122 55626 -123.06
55627 -144.97 55628 -116.45 55629 15.408 55630 -127.6 55631 -49.056 55632 -40.898 55633
-32.786 55634 -45.574 55635 -33.159 55636 -53.065 55637 -44.055 55638 -45.715 55639
-45.327 55640 -15.268 55641 -17.513 55642 57.591 55643 142.13 55644 48.012 55645 56.58
55646 55.512 55647 62.592 55648 81.13 55649 17.56 55650 61.32 55651 34.739 55652
234.78 55653 364.31 55654 127.61 55655 99.377 55656 147.57 55657 148.8 55658 166.14
55659 41.46 55660 45.54 55661 314.37 55662 159.93 55663 125.41 55664 -37.628 55665

384.22 55666 119.28 55667 167.48 55668 167.83 55669 179.47 55670 186.05 55671 -9.4971
55672 -40.202 55673 -4.7182 55674 94.306 55675 13.053 55676 57.276 55677 236.49 55678
135.13 55679 136.73 55680 148.36 55681 28.799 55682 142.29 55683 63.849 55684 148.54
55685 53.377 55686 151.64 55687 58.381 55688 57.263 55689 42.542 55690 9.504 55691
62.241 55692 58.585 55693 -76.946 55694 -179.99 55695 -69.996 55696 -74.216 55697
-85.401 55698 -85.97 55699 -78.441 55700 -10.825 55701 -68.092 55702 -224.6 55703
-123.33 55704 -108.59 55705 -132.43 55706 -131.88 55707 -121.38 55708 -130.73 55709
-134.69 55710 -28.912 55711 -136.83 55712 -166.63 55713 -75.277 55714 -194. 55715
-245.71 55716 -144.74 55717 35.2 55718 -290.54 55719 -136.65 55720 -130.86 55721 -118.09
55722 -144.39 55723 -141.72 55724 -120. 55725 -74.757 55726 -144.73 55727 -59.801 55728
60.567 55729 -149.83 55730 -3.9579 55731 -63.005 55732 -58.194 55733 -106.16 55734
-52.759 55735 -56.682 55736 137.78 55737 -198.56 55738 -135.45 55739 -39.156 55740
-44.056 55741 -100.69 55742 -72.528 55743 -0.80348 55744 -2.6595 55745 82.87 55746
9.2008 55747 14.012 55748 62.795 55749 -1.7291 55750 12.893 55751 -55.966 55752 63.146
55753 1.5699 55754 -61.327 55755 -51.653 55756 1.7995 55757 -6.6578 55758 -7.8034 55759
-1.3841 55760 2.6313 55761 5.4164 55762 -4.281 55763 2.8388 55764 135.07 55765 70.2
55766 -165.26 55767 156.23 55768 10.602 55769 73.728 55770 65.27 55771 57.089 55772
-171.92 55773 3.9422 55774 13.616 55775 67.068 55776 58.611 55777 104.05 55778 -9.0503
55779 -144.59 55780 108.75 55781 54.823 55782 55.08 55783 74.978 55784 74.284 55785
-95.504 55786 161.01 55787 121.8 55788 62.277 55789 61.94 55790 76.334 55791 94.12
55792 50.491 55793 20.24 55794 -27.57 55795 1.517 55796 -30.197 55797 12.539 55798
33.679 55799 33.936 55800 2.222 55801 44.958 55802 -115.16 55803 -20.528 55804 -24.769
55805 -6.0984 55806 55.523 55807 -18.989 55808 -0.30835 55809 38.686 55810 -13.844
55811 -25.468 55812 -10.558 55813 -56.001 55814 2.0934 55815 -13.352 55816 -7.5722
55817 -11.862 55818 -19.965 55819 6.2055 55820 -9.3378 55821 -5.6076 55822 -14.051
55823 -80.202 55824 -74.412 55825 -35.417 55826 -87.947 55827 -63.555 55828 30.475
55829 18.394 55830 19.021 55831 13.116 55832 29.365 55833 26.983 55834 -1.2519 55835
5.9905 55836 13.605 55837 3.5281 55838 -2.5196 55839 -2.6239 55840 -11.174 55841 -2.436
55842 -0.67283 55843 -1.8037 55844 -3.3817 55845 -0.24846 55846 0.31637 55847 8.3845
55848 -0.1691 55849 -7.3849e-002 55850 1.5983 55851 -4.2659 55852 0.46745 55853 91.463
55854 -2.9139 55855 -6.5031 55856 -9.9002 55857 -3.5306 55858 2.0639 55859 -3.2597
55860 -2.7369 55861 -6.2271 55862 -6.7513 55863 -8.0278 55864 -3.2546 55865 -3.4808
55866 -2.5259 55867 -2.9837 55868 -2.4609 55869 -6.3376 55870 -5.7398 55871 -7.973
55872 -3.0671 55873 -2.9943 55874 -2.1122 55875 -5.5954 55876 -3.0057 55877 -6.5976
55878 -7.2395 55879 -2.8499 55880 -2.7359 55881 -1.7001 55882 -3.1328 55883 -2.85 55884
0.32986 55885 6.3341 55886 1.6575 55887 0.59968 55888 0.84042 55889 -1.355 55890
-5.8333 55891 3.1768 55892 1.0324 55893 0.74269 55894 9.1942 55895 10.226 55896 13.026
55897 61.313 55898 3.7005 55899 3.6385 55900 1.5051 55901 3.6028 55902 0.24579 55903
0.91114 55904 0.22498 55905 0.22891 55906 0.25925 55907 0.31214 55908 2.5537e-002
55909 1.0519e-002 55910 3.4141e-002 55911 3.5248e-002 55912 2.9189e-002 55913
6.4486e-002 55914 4.9558e-002 55915 0.11737 55916 2.8761e-002 55917 3.9471e-002 55918
3.2115e-002 55919 4.8857e-002 55920 -1.4972e-002 55921 -1.5675e-004 55922 -1.2858e-003
55923 -1.4268e-003 55924 8.6198e-004 55925 9.756e-003 55926 3.6977e-003 55927
1.6375e-003 55928 3.269e-003 55929 4.0683e-004 55930 6.6239e-003 55931 2.7482e-004
55932 4.4256e-002 55933 3.0974e-002 55934 3.527e-002 55935 2.4735e-002 55936 2.814e-
002 55937 2.8406e-002 55938 2.2262e-002 55939 2.0956e-002 55940 2.7772e-004 55941
2.0884e-002 55942 -1.8464e-002 55943 7.6014e-003 55944 1.1898e-002 55945 -6.0451e-003
55946 4.7938e-003 55947 1.3633e-003 55948 4.7676e-003 55949 -1.6544e-003 55950
1.0012e-003 55951 -1.1668e-003 55952 -4.6019e-002 55953 -3.5594e-002 55954 -3.3599e-
002 55955 -3.0422e-002 55956 -2.9925e-002 55957 -2.8449e-002 55958 -2.6352e-002 55959
-1.9288e-002 55960 -8.8634e-003 55961 6.7781e-003 55962 -3.6909e-003 55963 1.2065e-003
55964 -8.5938e-004 55965 5.399e-004 55966 -1.9336e-003 55967 3.7904e-004 55968
2.7384e-002 55969 3.1681e-002 55970 2.1146e-002 55971 2.455e-002 55972 1.8128e-002
55973 1.7367e-002 55974 -2.7605e-002 55975 -2.561e-002 55976 -1.8202e-002 55977
-2.1937e-002 55978 -1.8363e-002 55979 -1.8564e-002 55980 -2.0732e-002 55981 -1.2009e-
002 55982 -9.1771e-003 55983 -1.0036e-002 55984 -7.9387e-003 55985 1.8398e-002 55986
8.5302e-003 55987 6.4643e-003 55988 7.8636e-003 55989 1.1534e-002 55990 5.3901e-003

55991 1.8997e-002 55992 1.7283e-002 55993 1.3754e-002 55994 4.887e-003 55995 9.2584e-003 55996 3.2971e-004 55997 -2.6606e-003 55998 1.2142e-002 55999 -2.1827e-003 56000 8.3422e-003 56001 -2.0647e-002 56002 6.6281e-003 56003 3.0992e-003 56004 -8.8214e-003 56005 1.3571e-003 56006 -1.7374e-002 56007 -1.8382e-002 56008 -1.3963e-003 56009 -1.0325e-002 56010 -7.6604e-003 56011 -1.3315e-002 56012 -7.0305e-002 56013 -7.5732e-002 56014 -5.8479e-002 56015 -5.8959e-002 56016 -6.7032e-002 56017 -5.8201e-002 56018 -5.8639e-002 56019 -2.3588e-002 56020 -2.9015e-002 56021 3.6869e-003 56022 -1.2242e-002 56023 1.0807e-003 56024 -2.0315e-002 56025 -1.3266e-002 56026 -9.9695e-003 56027 -1.3927e-002 56028 -1.4545e-002 56029 1.4212e-002 56030 1.0683e-002 56031 6.1874e-003 56032 -2.7413e-003 56033 -5.7315e-003 56034 -4.748e-002 56035 -3.0227e-002 56036 -3.8779e-002 56037 -3.9787e-002 56038 -2.9066e-002 56039 -3.0386e-002 56040 -3.6134e-002 56041 -4.4206e-002 56042 -3.5376e-002 56043 -3.7819e-002 56044 8.9687e-003 56045 9.8915e-003 56046 1.0195e-004 56047 -4.4554e-003 56048 7.3574e-003 56049 -1.1587e-003 56050 -5.7344e-003 56051 3.7849e-002 56052 4.8662e-002 56053 4.0595e-002 56054 3.6428e-002 56055 2.913e-002 56056 3.5043e-002 56057 -2.5121e-003 56058 6.9762e-003 56059 -6.5348e-003 56060 1.7789e-002 56061 9.7222e-003 56062 -3.7159e-003 56063 6.7847e-004 56064 -2.957e-003 56065 1.2461e-003 56066 -1.0894e-003 56067 1.1833e-004 56068 6.9916e-004 56069 -2.4708e-002 56070 -3.9225e-002 56071 -2.1889e-002 56072 -2.8438e-002 56073 -1.6797e-002 56074 -1.8054e-002 56075 -2.215e-002 56076 -9.2811e-003 56077 -2.3798e-002 56078 1.5042e-002 56079 -1.3012e-002 56080 4.3413e-003 56081 -1.3706e-003 56082 -3.2574e-003 56083 -8.998e-003 56084 -1.543e-003 56085 -2.4112e-004 56086 -2.628e-003 56087 4.9129e-003 56088 2.4531e-002 56089 1.6464e-002 56090 3.7851e-003 56091 1.2297e-002 56092 4.9995e-003 56093 5.6527e-003 56094 6.8604e-003 56095 7.4413e-003 56096 -2.7821e-002 56097 -1.0485e-002 56098 -5.5228e-003 56099 -5.3933e-003 56100 -7.8584e-003 56101 -6.6507e-003 56102 -1.0746e-002 56103 -3.1551e-002 56104 -1.991e-002 56105 -2.1797e-002 56106 -2.1168e-002 56107 -2.5264e-002 56108 -1.3627e-002 56109 2.7277e-002 56110 2.4642e-002 56111 1.1303e-002 56112 1.8758e-002 56113 1.6724e-002 56114 1.5812e-002 56115 2.1724e-002 56116 1.7673e-002 56117 7.891e-002 56118 8.0702e-002 56119 8.4393e-002 56120 6.6127e-002 56121 8.2075e-002 56122 7.4287e-002 56123 7.6149e-002 56124 2.3359e-002 56125 -2.8503e-003 56126 2.5151e-002 56127 2.8842e-002 56128 2.4625e-003 56129 7.0269e-003 56130 2.7814e-002 56131 1.0576e-002 56132 1.7728e-002 56133 1.0372e-002 56134 1.8736e-002 56135 2.0598e-002 56136 -2.1616e-002 56137 -2.5373e-002 56138 -1.6303e-002 56139 -1.6444e-002 56140 -1.1749e-002 56141 -1.0382e-003 56142 -8.3938e-003 56143 -3.7975e-003 56144 -7.554e-003 56145 2.4204e-002 56146 1.3742e-003 56147 1.0451e-002 56148 6.07e-003 56149 1.678e-002 56150 1.2998e-002 56151 1.0227e-002 56152 1.5582e-002 56153 4.0969e-002 56154 4.4659e-002 56155 2.6393e-002 56156 3.4553e-002 56157 3.6415e-002 56158 -1.6999e-002 56159 1.4759e-002 56160 -7.9295e-003 56161 7.3356e-003 56162 -1.9911e-005 56163 -1.1827e-002 56164 -7.1312e-003 56165 3.5791e-003 56166 4.6452e-002 56167 2.9008e-002 56168 4.4134e-002 56169 3.5337e-002 56170 3.8207e-002 56171 2.8784e-002 56172 3.4139e-002 56173 -17.301 56174 -8.6706 56175 -0.17752 56176 -2.0186e-002 56177 0.12056 56178 0.28714 56179 0.99734 56180 7.2928e-002 56181 8.8583 56182 -2.9716e-002 56183 3.1367e-002 56184 -8.3792e-002 56185 -5.9758e-002 56186 -2.016e-002 56187 -3.469e-002 56188 -2.9895e-002 56189 -0.2209 56190 -0.66623 56191 -0.67106 56192 -0.42653 56193 -0.68628 56194 -0.72737 56195 -0.70694 56196 -0.52697 56197 -2.178 56198 -0.74816 56199 -2.9259 56200 22.078 56201 4.2222 56202 0.32678 56203 0.21422 56204 0.41851 56205 0.33492 56206 -16.182 56207 0.81654 56208 -0.20781 56209 0.41207 56210 -1.1527e-004 56211 -3.0146e-002 56212 9.4521e-003 56213 -5.0774e-003 56214 7.0597e-002 56215 9.1017e-002 56216 0.27099 56217 4.9804e-002 56218 77.494 56219 46.207 56220 38.813 56221 139.15 56222 28.494 56223 34.038 56224 40.834 56225 53.214 56226 116.42 56227 27.925 56228 38.95 56229 -3.531 56230 4.565 56231 25.874 56232 102.69 56233 21.986 56234 11.01 56235 21.497 56236 5.4694 56237 37.181 56238 21.444 56239 16.925 56240 23.882 56241 15.174 56242 -8.3107 56243 97.908 56244 31.515 56245 6.2306 56246 16.858 56247 76.299 56248 12.145 56249 20.477 56250 4.566 56251 4.8854 56252 21.227 56253 23.876 56254 11. 56255 6.5699 56256 -34.79 56257 69.87 56258 11.449 56259 30.759 56260 83.204 56261 14.005 56262 9.3993 56263 17.883 56264 24.157 56265 28.968 56266 13.453 56267 -18.998 56268 98.34 56269 125.71 56270 166.34 56271 91.616 56272 140.34

56273 56.515 56274 74.06 56275 71.477 56276 145.95 56277 152.3 56278 47.639 56279
42.475 56280 60.019 56281 123.22 56282 13.263 56283 14.33 56284 114.66 56285 89.837
56286 3.2789 56287 3.4418 56288 5.8692 56289 12.987 56290 47.111 56291 81.375 56292
1.0939 56293 2.2845 56294 -5.1823 56295 -9.1411 56296 -1.4939 56297 2.1616 56298
-4.1146 56299 -3.9517 56300 -16.746 56301 -25.382 56302 -7.0012 56303 -51.258 56304
-5.2407 56305 -4.0501 56306 2.794 56307 2.977 56308 21.902 56309 55.296 56310 53.948
56311 10.47 56312 -0.95593 56313 -8.1903 56314 6.6913 56315 -32.894 56316 15.701 56317
54.678 56318 32.406 56319 11.2 56320 1.0591 56321 -20.845 56322 -7.4598 56323 7.4218
56324 5.7032 56325 25.473 56326 18.06 56327 4.2679 56328 -2.2188 56329 -5.8731 56330
0.48959 56331 -6.5709 56332 14.995 56333 -10.854 56334 1.2027 56335 -5.284 56336 3.726
56337 -15.16 56338 -20.063 56339 -33.106 56340 -8.0062 56341 -5.4829 56342 5.4206 56343
13.055 56344 -20.082 56345 -32.486 56346 -60.724 56347 -7.3864 56348 6.0404 56349
-60.137 56350 -66.266 56351 -12.928 56352 -6.0844 56353 0.49826 56354 -44.555 56355
-24.516 56356 -68.773 56357 -125.3 56358 -134.28 56359 -14.538 56360 -19.64 56361
-26.174 56362 -81.166 56363 -126.96 56364 -17.617 56365 -107.39 56366 -21.298 56367
-4.3743 56368 2.4221 56369 3.8433 56370 -1.259 56371 -106.13 56372 -161.91 56373 -172.88
56374 -95.278 56375 -52.57 56376 -57.734 56377 -79.461 56378 -142.34 56379 -50.303
56380 -108.34 56381 -162.89 56382 -85.291 56383 -98.663 56384 -47.747 56385 -52.353
56386 -54.814 56387 -4.1423 56388 -15.599 56389 -62.496 56390 -1.9058 56391 -6.5119
56392 0.63005 56393 -6.4757 56394 -1.5417 56395 -2.4579 56396 -8.9728 56397 -27.307
56398 -9.6875 56399 -15.279 56400 -6.1563 56401 -1.2222 56402 -2.1384 56403 16.564
56404 1.5917 56405 -6.8515 56406 -42.695 56407 -100.22 56408 -33.172 56409 -10.079
56410 -64.629 56411 -21.892 56412 -30.336 56413 -25.969 56414 -92.127 56415 -17.178
56416 -1.9835 56417 -8.4404 56418 84.832 56419 4.1795 56420 4.3144 56421 4.1222 56422
3.0889 56423 6.2798 56424 -12.387 56425 4.612 56426 4.2075 56427 16.917 56428 21.134
56429 7.1075 56430 31.625 56431 81.526 56432 -192.9 56433 182.78 56434 213.95 56435
108.14 56436 96.952 56437 296.06 56438 198.04 56439 184.87 56440 100.04 56441 96.383
56442 221.89 56443 41.748 56444 62.359 56445 88.072 56446 123.69 56447 37.127 56448
33.169 56449 111.56 56450 1.2309 56451 92.585 56452 -26.135 56453 232. 56454 91.653
56455 -9.5675 56456 -83.497 56457 -8.8461 56458 -8.9776 56459 -8.3815 56460 -7.6713
56461 -37.618 56462 -17.953 56463 -0.90901 56464 -56.372 56465 0.1897 56466 -89.042
56467 -151.17 56468 -131.68 56469 -100.78 56470 -40.597 56471 -160.16 56472 -125.11
56473 -40.414 56474 -50.01 56475 -229.56 56476 -204.72 56477 -150.79 56478 -218.67
56479 -118.09 56480 -151.12 56481 -296.75 56482 -216.68 56483 -316.2 56484 -188.13 56485
-102.04 56486 -303.72 56487 2.8925 56488 -81.433 56489 50.108 56490 214.52 56491 49.331
56492 29.192 56493 4.7669 56494 95.387 56495 28.587 56496 276.5 56497 116.07 56498
231.47 56499 -201.19 56500 32.258 56501 24.534 56502 5.5603 56503 39.818 56504 0.27468
56505 252.29 56506 248.19 56507 -3.778 56508 7.4348 56509 -2.4062 56510 -140.28 56511
10.429 56512 -21.697 56513 155.67 56514 190.78 56515 -9.5156 56516 -54.08 56517 -63.921
56518 -80.343 56519 70.365 56520 30.288 56521 48.719 56522 30.282 56523 -3.9841 56524
-73.897 56525 -113.98 56526 -138.41 56527 -148.25 56528 44.686 56529 36.734 56530
39.686 56531 55.166 56532 59.438 56533 2.4621 56534 -26.982 56535 13.585 56536 32.063
56537 27.312 56538 -31.035 56539 -29.663 56540 -30.638 56541 -25.958 56542 5.4482 56543
-7.48 56544 -296.3 56545 -56.476 56546 -62.854 56547 -53.211 56548 -70.578 56549 17.599
56550 202.88 56551 37.7 56552 17.561 56553 -6.8639 56554 -17.644 56555 -192.27 56556
-23.659 56557 -28.709 56558 -17.682 56559 -42.107 56560 182.01 56561 -177.9 56562
-3.3172 56563 -27.742 56564 402.4 56565 7.3828 56566 202.11 56567 157.54 56568 433.4
56569 57.927 56570 42.489 56571 181.44 56572 192.65 56573 34.506 56574 53.824 56575
384.27 56576 214.85 56577 185.06 56578 177.33 56579 -340.97 56580 -228.42 56581 -372.61
56582 -211.57 56583 -179.94 56584 -236.99 56585 -217.46 56586 -337.09 56587 -213.09
56588 -209.1 56589 -192.26 56590 -206.42 56591 -198.14 56592 -186.93 56593 -183.92
56594 -219.06 56595 -188.97 56596 -221.86 56597 -202.37 56598 -8.002 56599 -2.8325
56600 0.99113 56601 2.1265 56602 -0.83699 56603 -6.6481 56604 -24.13 56605 -58.707
56606 -19.522 56607 -10.758 56608 -14.713 56609 -34.572 56610 -20.702 56611 -30.38 56612
-22.541 56613 -65.964 56614 -61.973 56615 -14.296 56616 -17.979 56617 -18.402 56618
-33.646 56619 -21.187 56620 -51.013 56621 -49.642 56622 -12.516 56623 -51.635 56624
-61.109 56625 -7.5571 56626 -13.547 56627 -16.332 56628 -11.328 56629 -50.447 56630

-20.359 56631 -9.3323 56632 -15.143 56633 -33.757 56634 -46.466 56635 -5.3511 56636
-11.162 56637 -95.058 56638 -55.497 56639 -88.388 56640 -50.281 56641 -68.895 56642
-100.54 56643 -83.697 56644 -97.861 56645 -59.755 56646 -89.582 56647 -78.369 56648
-82.488 56649 -79.705 56650 -72.414 56651 -68.222 56652 -105.12 56653 -85.59 56654
-0.39172 56655 -0.58241 56656 15.088 56657 -3.3496 56658 -37.615 56659 9.9295 56660
2.7272 56661 1.8735 56662 28.408 56663 2.6863 56664 -20.588 56665 -17.323 56666 8.5847
56667 6.7064 56668 7.4069 56669 33.087 56670 28.336 56671 -12.643 56672 -30.011 56673
-28.639 56674 2.3694 56675 1.3847 56676 0.68189 56677 18.04 56678 22.312 56679 -34.664
56680 1.2397 56681 0.25497 56682 1.436 56683 -1.5275 56684 -7.3386 56685 1.194 56686
-0.58843 56687 -6.3995 56688 -34.854 56689 -0.49353 56690 1.3904 56691 -4.5991 56692
-7.3842 56693 -35.839 56694 -0.4959 56695 -4.879 56696 -5.3019 56697 -20.546 56698
-36.542 56699 -0.22368 56700 -4.1785 56701 0.16359 56702 -19.845 56703 -58.3 56704
-3.4181 56705 -6.2032 56706 37.792 56707 -132.48 56708 34.99 56709 32.608 56710 4.3734
56711 11.616 56712 6.8872 56713 -168.18 56714 11.239 56715 6.7292 56716 -12.086 56717
3.6147 56718 -133.97 56719 -162.5 56720 -99.595 56721 -88.024 56722 -44.972 56723
-40.895 56724 -62.251 56725 7.3712 56726 49.175 56727 -67.278 56728 -29.18 56729 -146.16
56730 -101.94 56731 -44.296 56732 -88.059 56733 -20.272 56734 -199.82 56735 33.985
56736 167.2 56737 223.65 56738 167.04 56739 134.7 56740 154.06 56741 82.896 56742
149.54 56743 92.271 56744 79.075 56745 86.563 56746 4.5656e-004 56747 2.7044e-003
56748 1.1344e-003 56749 1.1501e-003 56750 1.0945e-005 56751 -1.0813e-003 56752
-6.3071e-004 56753 1.9062e-003 56754 -2.9901e-003 56755 3.3616e-004 56756 -9.8674e-004
56757 1.7297e-004 56758 -2.4392e-003 56759 -1.8795e-003 56760 -9.6555e-004 56761
-1.6876e-003 56762 -1.6236e-003 56763 4.203e-005 56764 -8.1675e-003 56765 -8.0282e-003
56766 -6.1641e-003 56767 -6.9218e-003 56768 -7.6165e-003 56769 -6.7927e-003 56770
-6.9708e-003 56771 -6.8763e-003 56772 -6.4757e-003 56773 -3.2792e-003 56774 -3.1398e-
003 56775 4.7103e-005 56776 -2.0334e-003 56777 -5.9271e-005 56778 -2.7282e-003 56779
-8.0391e-004 56780 -1.6916e-003 56781 -1.988e-003 56782 -2.3512e-003 56783 -1.218e-003
56784 2.5998e-003 56785 2.4208e-003 56786 1.4606e-003 56787 2.0326e-003 56788
3.6834e-004 56789 2.2899e-003 56790 -5.4992e-003 56791 -3.6352e-003 56792 -5.0876e-003
56793 -4.4418e-003 56794 -3.614e-003 56795 -4.3361e-003 56796 -4.2721e-003 56797
-3.9468e-003 56798 -4.2535e-003 56799 -4.9483e-003 56800 -4.1244e-003 56801 -4.2081e-
003 56802 -3.4381e-003 56803 1.0297e-003 56804 9.076e-004 56805 -1.0946e-004 56806
-1.7613e-003 56807 1.6296e-004 56808 -7.2473e-004 56809 -1.2017e-003 56810 -1.3844e-
003 56811 4.5327e-003 56812 6.7552e-003 56813 8.4166e-003 56814 6.8499e-003 56815
5.4786e-003 56816 5.5512e-003 56817 5.5579e-003 56818 5.1971e-003 56819 5.599e-003
56820 4.3775e-004 56821 2.4569e-003 56822 -9.9792e-004 56823 4.1183e-003 56824
2.5516e-003 56825 9.2551e-005 56826 4.6338e-004 56827 1.1803e-003 56828 8.06e-004
56829 1.0023e-003 56830 3.8925e-004 56831 -2.7461e-003 56832 -3.7648e-003 56833
-1.6556e-003 56834 -2.5443e-003 56835 -5.679e-004 56836 -1.7636e-003 56837 -2.8412e-004
56838 -6.132e-004 56839 -7.9456e-004 56840 -1.8133e-003 56841 4.3217e-003 56842
-5.9269e-004 56843 1.7386e-003 56844 1.3837e-003 56845 1.3255e-003 56846 1.3067e-003
56847 1.5041e-003 56848 -4.3821e-005 56849 4.7741e-003 56850 3.4028e-003 56851
3.4754e-003 56852 3.0285e-003 56853 3.1214e-003 56854 3.2248e-003 56855 2.6117e-003
56856 -3.2489e-003 56857 -1.1398e-003 56858 -1.1017e-003 56859 -5.2009e-005 56860
-1.2477e-003 56861 -4.2631e-004 56862 2.3177e-004 56863 -8.4306e-004 56864 -9.7312e-
005 56865 -3.0471e-003 56866 -1.0707e-003 56867 -2.2665e-003 56868 -1.1476e-003 56869
-7.8694e-004 56870 -2.4982e-003 56871 6.4355e-003 56872 5.4191e-003 56873 5.0642e-003
56874 5.0061e-003 56875 5.1435e-003 56876 5.1846e-003 56877 6.4831e-003 56878
9.7213e-003 56879 9.6282e-003 56880 9.3032e-003 56881 7.7782e-003 56882 8.3291e-003
56883 7.3842e-003 56884 8.0467e-003 56885 6.824e-004 56886 4.1946e-003 56887
-3.1613e-004 56888 4.1015e-003 56889 3.7765e-003 56890 3.2911e-004 56891 1.2163e-003
56892 2.2515e-003 56893 8.6361e-004 56894 1.8575e-003 56895 2.3055e-003 56896
2.1815e-003 56897 -1.3573e-003 56898 -1.5311e-003 56899 7.0199e-004 56900 -7.1209e-004
56901 -1.033e-003 56902 1.2103e-003 56903 -5.0132e-004 56904 1.2643e-003 56905
1.0556e-003 56906 -5.9017e-004 56907 -7.6394e-004 56908 3.8275e-003 56909 -2.658e-004
56910 1.2435e-003 56911 1.9775e-003 56912 2.8861e-004 56913 1.8227e-003 56914
1.6762e-003 56915 7.0147e-003 56916 5.4897e-003 56917 5.0956e-003 56918 5.7582e-003

56919 5.4197e-003 56920 -1.7625e-003 56921 4.7062e-004 56922 -9.4345e-004 56923
9.7896e-004 56924 -4.0896e-004 56925 -7.3269e-004 56926 1.033e-003 56927 2.9685e-004
56928 -1.4381e-003 56929 8.0519e-004 56930 -8.8369e-004 56931 -9.0646e-004 56932
6.5044e-004 56933 6.9216e-003 56934 4.6626e-003 56935 5.3966e-003 56936 5.9475e-003
56937 5.0953e-003 56938 4.3249e-003 56939 8.7128e-003 56940 6.0952e-003 56941
7.2626e-003 56942 5.2404e-003 56943 5.8848e-003 56944 5.2928e-003 56945 5.0746e-003
56946 1.1572e-004 56947 4.6198e-003 56948 -1.7119e-003 56949 2.0023e-003 56950
3.1696e-003 56951 -3.267e-004 56952 1.1024e-003 56953 1.1474e-003 56954 1.026e-003
56955 1.0299e-003 56956 6.5349e-004 56957 -3.7539e-003 56958 -3.1638e-003 56959
-2.3686e-003 56960 -2.2135e-003 56961 -1.8132e-003 56962 -1.3822e-003 56963 -1.7393e-
003 56964 -1.8281e-003 56965 -1.238e-003 56966 1.8861e-003 56967 -2.8776e-004 56968
6.022e-004 56969 1.0312e-003 56970 1.8644e-004 56971 3.0704e-004 56972 8.6543e-004
56973 7.5576e-003 56974 5.5353e-003 56975 6.1798e-003 56976 5.4178e-003 56977
5.0414e-003 56978 -3.0657e-003 56979 -2.2705e-003 56980 -7.9642e-004 56981 -1.2842e-
003 56982 -1.6412e-003 56983 -9.178e-004 56984 -1.2904e-003 56985 -1.5253e-003 56986
-1.125e-003 56987 -1.0511e-003 56988 -9.3053e-004 56989 4.94e-003 56990 2.4887e-003
56991 2.9178e-003 56992 2.225e-003 56993 2.9702e-003 56994 2.1936e-003 56995 2.752e-
003 56996 3.2185e-003 56997 5.8164e-003 56998 3.8457e-003 56999 4.1927e-003 57000
2.8482e-003 57001 2.6511e-003 57002 3.3374e-003 57003 -7.3528e-005 57004 3.0536e-003
57005 -2.9386e-003 57006 1.083e-003 57007 1.4299e-003 57008 -7.3093e-004 57009 7.292e-
004 57010 -8.4146e-004 57011 2.8797e-004 57012 -4.871e-004 57013 -5.6745e-004 57014
8.5471e-005 57015 -7.1534e-003 57016 -5.8322e-003 57017 -4.9457e-003 57018 -4.9111e-
003 57019 -5.0563e-003 57020 -4.6089e-003 57021 -4.6401e-003 57022 -5.193e-003 57023
-3.4679e-003 57024 -2.1467e-003 57025 5.5369e-004 57026 -1.2256e-003 57027 -1.4281e-
004 57028 -6.9135e-004 57029 -1.3707e-003 57030 -6.4449e-004 57031 -9.5461e-004 57032
-1.0131e-003 57033 4.0278e-003 57034 2.8859e-003 57035 2.0304e-003 57036 2.6834e-003
57037 2.4863e-003 57038 -5.0117e-003 57039 -4.1253e-003 57040 -4.2358e-003 57041
-3.8814e-003 57042 -3.7884e-003 57043 -3.9618e-003 57044 -4.3725e-003 57045 -2.7694e-
003 57046 -2.9146e-003 57047 -2.1884e-003 57048 -2.4985e-003 57049 -3.0513e-003 57050
2.0572e-003 57051 1.0137e-003 57052 4.6514e-004 57053 -2.1424e-004 57054 1.4342e-004
57055 7.1269e-004 57056 1.2019e-003 57057 2.8653e-003 57058 3.2777e-003 57059
4.8652e-003 57060 3.2372e-003 57061 1.4546e-003 57062 2.8752e-003 57063 2.371e-003
57064 2.4533e-003 57065 -2.6083e-005 57066 1.1846e-003 57067 -1.498e-003 57068
2.7721e-003 57069 1.1441e-003 57070 -4.2757e-005 57071 -1.0635e-004 57072 4.0941e-004
57073 -6.3851e-004 57074 7.8215e-004 57075 -2.7132e-004 57076 1.1549e-004 57077
-5.6866e-003 57078 -6.4482e-003 57079 -4.2313e-003 57080 -5.6416e-003 57081 -4.8271e-
003 57082 -4.0479e-003 57083 -4.8368e-003 57084 -4.1396e-003 57085 -4.5208e-003 57086
-2.2963e-003 57087 -3.058e-003 57088 1.9738e-003 57089 -2.2513e-003 57090 5.9691e-004
57091 -1.4368e-003 57092 -8.43e-004 57093 -1.4465e-003 57094 -5.2038e-004 57095
-1.6313e-003 57096 -1.1305e-003 57097 1.5565e-003 57098 -2.2615e-004 57099 1.1945e-003
57100 1.4104e-004 57101 6.9027e-004 57102 -9.0513e-004 57103 -4.5299e-003 57104
-2.313e-003 57105 -2.9087e-003 57106 -2.1295e-003 57107 -2.5415e-003 57108 -2.1547e-003
57109 -2.2213e-003 57110 -4.4849e-003 57111 -3.6704e-003 57112 -3.6801e-003 57113
-3.3641e-003 57114 3.144e-003 57115 3.3951e-003 57116 1.3614e-003 57117 1.9552e-003
57118 2.2778e-003 57119 2.3602e-003 57120 1.4432e-002 57121 1.2827e-002 57122
1.5591e-002 57123 1.5564e-002 57124 1.583e-002 57125 1.1399e-002 57126 8.1299e-003
57127 1.1767e-002 57128 4.6453e-003 57129 3.0515e-003 57130 4.5639e-003 57131
7.3278e-003 57132 2.8907e-003 57133 3.1358e-003 57134 3.5045e-003 57135 3.213e-003
57136 2.3312e-003 57137 1.5277e-003 57138 5.804e-003 57139 3.073e-003 57140 1.3668e-
003 57141 1.612e-003 57142 1.7252e-003 57143 1.6638e-003 57144 1.9806e-003 57145
7.3736e-004 57146 2.2827e-003 57147 7.6827e-004 57148 9.3488e-004 57149 7.5699e-004
57150 8.7351e-004 57151 3.1519e-003 57152 6.3626e-003 57153 3.6977e-003 57154
9.4431e-004 57155 3.8284e-003 57156 6.7741e-004 57157 7.0245e-004 57158 4.0747e-003
57159 1.4098e-003 57160 4.2071e-004 57161 3.6645e-004 57162 -2.4528e-005 57163
1.5406e-003 57164 3.1641e-004 57165 5.1589e-004 57166 1.2233e-003 57167 4.7175e-004
57168 2.3416e-004 57169 -3.1958e-004 57170 1.9529e-004 57171 1.7989e-004 57172
3.4145e-004 57173 2.973e-004 57174 2.0842e-005 57175 5.4444e-006 57176 1.3989e-002

57177 1.6576e-002 57178 1.0167e-002 57179 1.5043e-002 57180 8.6572e-003 57181
1.0659e-002 57182 1.3658e-002 57183 1.0187e-002 57184 1.1489e-002 57185 6.9412e-003
57186 5.9842e-003 57187 4.6443e-003 57188 1.1355e-002 57189 4.9457e-003 57190
5.4379e-003 57191 6.2683e-003 57192 2.2234e-003 57193 1.8599e-003 57194 2.1613e-003
57195 1.7864e-003 57196 1.8094e-003 57197 1.7079e-003 57198 2.6535e-003 57199
3.4839e-003 57200 8.8341e-004 57201 8.0992e-004 57202 6.0421e-004 57203 8.3289e-004
57204 7.3142e-004 57205 3.3535e-002 57206 3.2698e-002 57207 2.8327e-002 57208
3.1876e-002 57209 4.7825e-002 57210 3.0158e-002 57211 1.3046e-002 57212 8.7034e-003
57213 1.6091e-002 57214 1.172e-002 57215 1.5269e-002 57216 9.0342e-003 57217 9.4927e-
003 57218 1.0259e-002 57219 1.355e-002 57220 1.0145e-002 57221 6.0642e-003 57222
4.8221e-003 57223 7.8384e-003 57224 6.0753e-003 57225 5.6115e-003 57226 6.3777e-003
57227 6.2641e-003 57228 1.7214e-003 57229 2.9746e-003 57230 1.4772e-003 57231 1.452e-
003 57232 2.5108e-003 57233 2.022e-003 57234 3.277e-003 57235 1.901e-003 57236
6.3094e-004 57237 9.2333e-004 57238 8.6652e-004 57239 -9.3729e-005 57240 1.7869e-004
57241 4.7825e-004 57242 1.9685e-004 57243 5.0883e-004 57244 4.5202e-004 57245
2.0132e-004 57246 6.3744e-005 57247 1.4127e-004 57248 4.3244e-004 57249 1.7387e-004
57250 1.8174e-004 57251 4.4165e-005 57252 8.2443e-005 57253 6.6198e-005 57254
1.3787e-004 57255 1.4574e-004 57256 7.0815e-005 57257 4.3755e-005 57258 8.1626e-006
57259 4.644e-005 57260 2.0324e-005 57261 9.8799e-005 57262 2.416e-005 57263 3.1744e-
005 57264 8.9946e-006 57265 8.8839e-006 57266 7.3689e-006 57267 1.0985e-005 57268
1.7356e-005 57269 2.4941e-005 57270 1.3761e-005 57271 2.1914e-006 57272 2.0807e-006
57273 9.1141e-006 57274 4.255e-006 57275 1.4821e-005 57276 7.4284e-006 57277 1.1225e-
005 57278 -3.4442e-007 57279 3.8931e-006 57280 -4.551e-007 57281 4.4452e-006 57282
7.0556e-006 57283 4.9202e-006 57284 8.0936e-006 57285 5.9772e-006 57286 4.5583e-006
57287 6.007e-007 57288 5.1104e-006 57289 2.1965e-006 57290 5.3699e-006 57291 3.2536e-
006 57292 1.8346e-006 57293 -2.1229e-006 57294 9.3155e-007 57295 3.7466e-003 57296
3.8524e-003 57297 2.7806e-003 57298 2.189e-003 57299 3.5702e-003 57300 3.5768e-003
57301 2.8064e-003 57302 3.3195e-003 57303 1.9565e-003 57304 2.7302e-003 57305
1.6584e-003 57306 1.8809e-003 57307 1.0668e-003 57308 1.5601e-003 57309 1.4876e-003
57310 1.6842e-003 57311 2.1973e-003 57312 9.6611e-004 57313 9.9043e-004 57314
7.3438e-004 57315 1.2129e-003 57316 8.9207e-004 57317 8.1961e-004 57318 5.0234e-004
57319 4.12e-004 57320 8.9054e-004 57321 5.1774e-004 57322 5.697e-004 57323 3.082e-004
57324 4.9723e-004 57325 3.7154e-004 57326 3.0216e-004 57327 2.7061e-004 57328 2.221e-
004 57329 3.7635e-004 57330 1.6681e-004 57331 2.3015e-004 57332 2.3382e-004 57333
1.8182e-004 57334 1.6331e-004 57335 3.1756e-004 57336 1.9054e-004 57337 1.7135e-004
57338 1.4445e-004 57339 1.7503e-004 57340 9.1516e-005 57341 6.6709e-005 57342
1.0176e-004 57343 7.1036e-005 57344 1.2899e-004 57345 7.6547e-005 57346 8.2905e-005
57347 6.2653e-005 57348 6.5852e-005 57349 1.1348e-004 57350 4.6263e-005 57351
3.7956e-005 57352 4.2284e-005 57353 4.7795e-005 57354 3.496e-005 57355 5.4152e-005
57356 3.4962e-005 57357 2.1457e-005 57358 2.5784e-005 57359 1.4626e-005 57360
1.5073e-005 57361 1.846e-005 57362 1.9411e-005 57363 1.8462e-005 57364 5.0819e-003
57365 4.3376e-003 57366 4.0363e-003 57367 5.6225e-003 57368 4.6775e-003 57369
4.0133e-003 57370 4.3521e-003 57371 4.1456e-003 57372 2.755e-003 57373 2.823e-003
57374 2.5217e-003 57375 2.1524e-003 57376 2.4987e-003 57377 2.8374e-003 57378
2.2838e-003 57379 1.5407e-003 57380 1.7094e-003 57381 1.2343e-003 57382 1.3402e-003
57383 1.6864e-003 57384 1.2163e-003 57385 1.4715e-003 57386 8.9409e-004 57387
8.3224e-004 57388 9.3812e-004 57389 6.7734e-004 57390 8.1428e-004 57391 7.7169e-004
57392 1.0695e-003 57393 5.0772e-004 57394 5.8766e-004 57395 3.9205e-004 57396
4.3277e-004 57397 5.6971e-004 57398 4.1437e-004 57399 5.2712e-004 57400 2.7638e-004
57401 2.5025e-004 57402 2.9097e-004 57403 2.3389e-004 57404 2.7258e-004 57405
2.6541e-004 57406 3.8532e-004 57407 1.4535e-004 57408 9.7799e-005 57409 1.6071e-004
57410 1.2241e-004 57411 1.4434e-004 57412 1.8303e-004 57413 1.2039e-004 57414
1.3265e-004 57415 1.7587e-004 57416 1.2106e-004 57417 1.1477e-004 57418 7.5991e-005
57419 5.6319e-005 57420 8.0931e-005 57421 7.8911e-005 57422 9.1175e-005 57423
6.3741e-005 57424 6.3993e-005 57425 2.8439e-005 57426 5.3051e-005 57427 2.3719e-005
57428 3.5861e-005 57429 3.6113e-005 57430 4.1006e-003 57431 3.6561e-003 57432
4.0402e-003 57433 4.7296e-003 57434 3.3831e-003 57435 3.3933e-003 57436 2.7759e-003

57437 3.5632e-003 57438 4.1376e-003 57439 3.5912e-003 57440 1.6596e-003 57441
1.6494e-003 57442 2.0334e-003 57443 1.183e-003 57444 1.3763e-003 57445 1.2125e-003
57446 1.3865e-003 57447 8.9791e-004 57448 1.5992e-003 57449 9.5976e-004 57450
7.4877e-004 57451 9.4204e-004 57452 7.7826e-004 57453 6.9664e-004 57454 4.6481e-004
57455 6.3231e-004 57456 4.2132e-004 57457 2.9539e-004 57458 4.5081e-004 57459
3.6919e-004 57460 3.0903e-004 57461 3.1378e-004 57462 2.7552e-004 57463 5.2666e-004
57464 2.7716e-004 57465 1.8974e-004 57466 2.6354e-004 57467 1.9119e-004 57468
2.0337e-004 57469 2.0813e-004 57470 1.5587e-004 57471 1.9353e-004 57472 1.061e-004
57473 1.1194e-004 57474 1.0755e-004 57475 1.032e-004 57476 1.1974e-004 57477 1.245e-
004 57478 8.7598e-005 57479 6.1511e-005 57480 1.5751e-004 57481 9.48e-005 57482
7.5919e-005 57483 7.1533e-005 57484 6.6377e-005 57485 7.4267e-005 57486 6.7177e-005
57487 6.6798e-005 57488 3.9729e-005 57489 2.9263e-005 57490 6.2551e-005 57491
3.4129e-005 57492 3.455e-005 57493 1.3642e-005 57494 4.6931e-005 57495 1.2144e-005
57496 1.1801e-005 57497 1.1792e-005 57498 1.8509e-005 57499 1.6084e-005 57500
1.3229e-005 57501 1.6577e-003 57502 1.3607e-003 57503 1.7034e-003 57504 1.2622e-003
57505 1.0487e-003 57506 8.6257e-004 57507 1.5489e-003 57508 6.8268e-004 57509
6.1419e-004 57510 9.5693e-004 57511 5.0763e-004 57512 5.2702e-004 57513 3.0223e-004
57514 8.0239e-004 57515 4.2435e-004 57516 3.203e-004 57517 7.2841e-004 57518 3.6515e-
004 57519 2.791e-004 57520 2.9849e-004 57521 2.2675e-004 57522 1.9582e-004 57523
1.5628e-004 57524 2.313e-004 57525 1.4525e-004 57526 1.0003e-004 57527 1.6464e-004
57528 9.2896e-005 57529 9.5915e-005 57530 9.7632e-005 57531 2.0113e-004 57532
1.0599e-004 57533 6.9861e-005 57534 6.273e-005 57535 6.5748e-005 57536 6.1023e-005
57537 4.6278e-005 57538 7.7506e-005 57539 4.138e-005 57540 3.9034e-005 57541 3.7267e-
005 57542 3.2542e-005 57543 1.634e-005 57544 1.163e-005 57545 5.4633e-005 57546
2.6218e-005 57547 1.6161e-005 57548 1.2285e-005 57549 -5.8841e-006 57550 1.4394e-005
57551 9.6689e-006 57552 1.1827e-005 57553 1.2478e-005 57554 9.9094e-006 57555 4.565e-
006 57556 1.9153e-005 57557 4.7615e-006 57558 5.4129e-006 57559 6.7736e-006 57560
9.5352e-004 57561 1.7671e-003 57562 2.6558e-004 57563 1.1541e-003 57564 6.0217e-004
57565 7.3218e-004 57566 7.8741e-004 57567 3.4698e-004 57568 1.2046e-003 57569
-2.9696e-004 57570 4.9571e-004 57571 3.9627e-005 57572 1.0887e-004 57573 2.2486e-004
57574 2.5744e-004 57575 -3.4095e-004 57576 1.6195e-004 57577 4.5172e-004 57578
-4.362e-006 57579 1.3442e-004 57580 6.4882e-005 57581 2.1466e-004 57582 1.6774e-004
57583 1.164e-004 57584 4.0617e-004 57585 1.8501e-004 57586 1.1364e-004 57587 8.8875e-
005 57588 1.6911e-004 57589 9.7437e-005 57590 7.225e-005 57591 6.7514e-005 57592
1.4086e-004 57593 6.9491e-005 57594 6.8362e-005 57595 4.4724e-005 57596 5.5317e-005
57597 4.1358e-005 57598 1.147e-004 57599 7.3285e-005 57600 4.3335e-005 57601 4.2206e-
005 57602 2.9003e-005 57603 1.9947e-005 57604 2.5394e-005 57605 2.1482e-005 57606
5.7321e-005 57607 2.7371e-005 57608 2.6242e-005 57609 1.92e-005 57610 2.1558e-005
57611 2.6477e-007 57612 1.9188e-005 57613 1.4115e-005 57614 9.5967e-006 57615
1.1132e-005 57616 8.8492e-006 57617 9.6074e-006 57618 1.1208e-005 57619 5.06e-006
57620 6.5952e-006 57621 4.1588e-006 57622 5.0708e-006 57623 6.6712e-006 57624
-2.296e-007 57625 1.1248e-004 57626 -3.8486e-007 57627 -3.129e-007 57628 -1.2262e-006
57629 4.2293e-006 57630 6.0455e-006 57631 3.9781e-006 57632 4.9071e-007 57633
-3.5412e-007 57634 -4.304e-006 57635 6.7831e-006 57636 -3.5633e-006 57637 9.2243e-007
57638 4.1719e-007 57639 -2.1853e-009 57640 1.3887e-007 57641 -4.096e-008 57642
-4.4541e-006 57643 6.1048e-007 57644 -1.5625e-005 57645 1.9711e-006 57646 -6.5926e-007
57647 2.3181e-005 57648 -2.3434e-007 57649 -7.5231e-007 57650 -5.9853e-007 57651
1.5964e-007 57652 -1.3562e-006 57653 -5.6254e-006 57654 2.2944e-005 57655 1.3486e-005
57656 1.4683e-008 57657 -2.8344e-006 57658 5.3598e-006 57659 3.2226e-006 57660
4.2943e-007 57661 -4.1033e-006 57662 -1.0209e-005 57663 -8.0883e-007 57664 1.2529e-005
57665 -9.6725e-007 57666 -9.4349e-007 57667 3.3057e-005 57668 -1.2832e-006 57669
4.1651e-006 57670 7.9162e-006 57671 -133.12 57672 21.39 57673 26.563 57674 -73.925
57675 22.367 57676 9.7575 57677 -4.1979 57678 -4.2412 57679 84.694 57680 -6.2634 57681
44.789 57682 -15.066 57683 -0.91216 57684 3.3108 57685 2.6313 57686 -177.99 57687
-58.179 57688 -129.35 57689 -157.38 57690 -247.12 57691 -245.88 57692 76.012 57693
-75.052 57694 44.912 57695 -73.809 57696 3.1951 57697 4.9986 57698 1.8841 57699 -13.779
57700 -1.4735e-002 57701 0.80674 57702 4.8184e-002 57703 -3.5504e-002 57704 -5.3646e-

002 57705 -7.8521e-002 57706 64.859 57707 -1.4723 57708 -2.3697 57709 -1.4931 57710
-1.6178 57711 -1.5113 57712 -1.2598 57713 -1.077 57714 6.2888 57715 -7.9109 57716
-9.1356 57717 -3.503 57718 -3.4068 57719 -3.3318 57720 -2.3586 57721 -3.3964 57722
-3.8766 57723 5.5023 57724 -4.4141 57725 2.6785 57726 9.0101e-002 57727 0.15068 57728
0.16505 57729 -0.37969 57730 1.0166 57731 3.0713 57732 9.3844 57733 8.1609 57734
2.4652 57735 2.4796 57736 3.3311 57737 0.6276 57738 -7.7394e-002 57739 0.64197 57740
1.4935 57741 3.4971e-003 57742 1.3778e-003 57743 1.9727e-003 57744 1.6504e-003 57745
1.8087e-003 57746 1.3494e-003 57747 1.3266e-003 57748 3.0923e-003 57749 2.8835e-003
57750 3.6434e-003 57751 -2.8764e-006 57752 -1.6083e-005 57753 -1.8059e-005 57754
-2.9272e-005 57755 1.1287e-004 57756 1.35e-005 57757 8.3985e-005 57758 3.4028e-005
57759 3.2424e-005 57760 -8.3434e-007 57761 4.6212e-006 57762 8.8873e-006 57763 55.133
57764 -55.625 57765 -54.472 57766 -86.568 57767 -92.891 57768 -125.56 57769 -66.285
57770 -18.41 57771 -18.656 57772 -18.827 57773 -4.9991 57774 -3.2341 57775 -1.7767
57776 21.239 57777 18.257 57778 6.7855 57779 6.4931 57780 7.2489 57781 6.942 57782
7.5754 57783 4.132 57784 3.2712 57785 -45.714 57786 -39.177 57787 -24.468 57788 31.894
57789 -92.093 57790 -113.7 57791 80.956 57792 -72.333 57793 -95.964 57794 -155.99 57795
112.75 57796 -160.47 57797 -67.045 57798 -125.71 57799 -116.8 57800 122.21 57801 57.681
57802 -82.708 57803 35.375 57804 50.388 57805 -130.63 57806 -117.85 57807 -17.133 57808
22.515 57809 -318.98 57810 56.161 57811 95.809 57812 -185.77 57813 -300.46 57814 82.63
57815 82.467 57816 85.123 57817 163.95 57818 84.493 57819 -12.971 57820 -32.068 57821
278.33 57822 221.72 57823 303.2 57824 107.18 57825 162.54 57826 229.18 57827 171.91
57828 230.29 57829 44.762 57830 46.006 57831 166.2 57832 63.334 57833 100.74 57834
-25.161 57835 41.245 57836 84.5 57837 -53.197 57838 171.48 57839 189.25 57840 125.3
57841 116.12 57842 153.98 57843 50.587 57844 97.303 57845 61.366 57846 8.1155 57847
73.261 57848 35.787 57849 41.149 57850 25.068 57851 12.139 57852 -8.6086 57853 4.9086
57854 5.7924 57855 -19.742 57856 -100.19 57857 -37.984 57858 -38.725 57859 -65.117
57860 -52.909 57861 -146.79 57862 -155.47 57863 -72.503 57864 -70.586 57865 -62.598
57866 -148.75 57867 -76.965 57868 -89.229 57869 -150.99 57870 -256.64 57871 -27.372
57872 -36.438 57873 -18.464 57874 -198.01 57875 -61.284 57876 -178.27 57877 -134.05
57878 -120.16 57879 -127.47 57880 -52.376 57881 -95.948 57882 -14.279 57883 -188.9
57884 -154.52 57885 -166.49 57886 -288.92 57887 -209.65 57888 -202.84 57889 -193.75
57890 -214.3 57891 -151.39 57892 -285.79 57893 -206.52 57894 -188.45 57895 -200.08
57896 -147.81 57897 -148.14 57898 -293.77 57899 -300.74 57900 -218. 57901 -165.73 57902
-331.14 57903 -146.15 57904 -311.56 57905 -320.74 57906 -230.33 57907 -311.33 57908
-135.47 57909 -222.19 57910 -64.405 57911 -64.814 57912 -32.562 57913 -278.84 57914
-25.498 57915 -79.425 57916 -240.6 57917 -165.26 57918 -198.47 57919 1.1138 57920
-243.63 57921 -255.89 57922 -423.31 57923 -36.144 57924 -153.21 57925 -151.3 57926
-143.31 57927 -229.46 57928 -242.39 57929 4.2486 57930 -93.191 57931 -93.932 57932
-56.754 57933 -120.32 57934 -108.12 57935 -201.99 57936 7.8297e-002 57937 -5.3112 57938
8.206 57939 3.8077 57940 33.867 57941 9.0899 57942 -16.445 57943 -19.27 57944 86.265
57945 91.627 57946 75.545 57947 62.616 57948 93.063 57949 32.56 57950 124.01 57951
170.73 57952 134.79 57953 81.539 57954 74.003 57955 44.303 57956 284.38 57957 302.16
57958 162.67 57959 229.02 57960 167.39 57961 225.76 57962 40.237 57963 160.2 57964
41.481 57965 161.68 57966 -15.786 57967 364.11 57968 307.49 57969 310.15 57970 201.05
57971 388.97 57972 278.17 57973 171.72 57974 359.65 57975 205.29 57976 130.56 57977
24.274 57978 203.57 57979 218.19 57980 63.183 57981 120.53 57982 155.29 57983 164.2
57984 46.817 57985 219.27 57986 195.64 57987 217.36 57988 135.62 57989 285.63 57990
280.86 57991 264.02 57992 38.662 57993 67.34 57994 64.358 57995 50.233 57996 49.372
57997 6.2939 57998 -72.198 57999 -72.444 58000 -72.615 58001 -52.276 58002 -57.022
58003 -55.565 58004 -225. 58005 -186.78 58006 -258.21 58007 -161.04 58008 -85.788 58009
-184.52 58010 -184.93 58011 -152.67 58012 -296.4 58013 -286.72 58014 -320.05 58015
-242.45 58016 -284.55 58017 -221.64 58018 -233.6 58019 -177.37 58020 -356.03 58021
-275.96 58022 -258.69 58023 -179.93 58024 -135.65 58025 -314.32 58026 -216.98 58027
-212.93 58028 -199.05 58029 -241.41 58030 -206.36 58031 -162.14 58032 -87.04 58033
-301.78 58034 -122.36 58035 -123.58 58036 -145.68 58037 -101.67 58038 -165.56 58039
-188.88 58040 -144.87 58041 -51.131 58042 -44.352 58043 29.161 58044 -57.745 58045
-47.258 58046 113.09 58047 42.818 58048 81.039 58049 157.57 58050 132.96 58051 66.33

58052 65.433 58053 74.091 58054 69.345 58055 1.1481 58056 -25.927 58057 -13.766 58058
-12.944 58059 -15.211 58060 -13.829 58061 -15.959 58062 -14.09 58063 -13.841 58064
-11.507 58065 -16.82 58066 -271.37 58067 -114.24 58068 -103.89 58069 -63.149 58070
-127.15 58071 -152.99 58072 -127.27 58073 -139.61 58074 -86.644 58075 -133.59 58076
-156.97 58077 -169.31 58078 -116.34 58079 -60.05 58080 -71.743 58081 -67.837 58082
-80.393 58083 -84.789 58084 -1.7067 58085 -6.1995 58086 -0.18749 58087 -1.4595 58088
28.599 58089 56.731 58090 77.915 58091 77.274 58092 82.813 58093 84.354 58094 95.258
58095 102.89 58096 -42.348 58097 158.03 58098 206.22 58099 224.79 58100 104.19 58101
-1.4602 58102 88.363 58103 80.628 58104 100.33 58105 -17.968 58106 95.526 58107 101.77
58108 96.671 58109 2.0899 58110 10.158 58111 -5.2468 58112 -45.669 58113 0.29708 58114
7.0935 58115 7.0676 58116 -2.4924 58117 3.4124 58118 -5.8162 58119 -92.89 58120 -110.72
58121 -97.11 58122 -99.676 58123 -7.2042 58124 -108.86 58125 -125.03 58126 -124.42 58127
-181.05 58128 -119.24 58129 -106.47 58130 -59.266 58131 -72.143 58132 -56.399 58133
-65.869 58134 -117.93 58135 -109.02 58136 4.0323 58137 82.761 58138 -5.6651 58139
2.8189 58140 1.4547 58141 9.0922 58142 13.903 58143 8.0477 58144 -47.96 58145 -1.6497
58146 5.4923 58147 5.4701 58148 -2.9651 58149 -4.1106 58150 71.993 58151 88.222 58152
79.765 58153 86.05 58154 71.584 58155 38.375 58156 41.906 58157 38.631 58158 32.445
58159 46.84 58160 64.626 58161 -25.402 58162 8.4531 58163 3.6851 58164 26.52 58165
14.707 58166 71.81 58167 -2.7025 58168 -15.095 58169 54.973 58170 -9.1812 58171 6.6597
58172 5.7855 58173 20.526 58174 5.9735 58175 6.1877 58176 -7.7082 58177 5.0278 58178
7.1484 58179 8.4751 58180 -9.3551 58181 -8.812 58182 -7.422e-002 58183 -7.8491e-002
58184 1.6889 58185 0.55806 58186 9.0399 58187 0.48634 58188 0.35515 58189 5.9496
58190 0.58159 58191 0.62604 58192 -3.6105 58193 -9.6036 58194 -8.0072 58195 -3.234
58196 -2.9631 58197 -2.4404 58198 -8.8904 58199 -8.5314 58200 -3.9844 58201 -3.0295
58202 -8.2925 58203 -7.0615 58204 -3.3138 58205 -2.1639 58206 -2.4317 58207 -3.3139
58208 0.44784 58209 -4.0449 58210 -5.1137 58211 -0.61 58212 -0.17732 58213 -1.0069
58214 6.452 58215 14.961 58216 18.867 58217 5.635 58218 3.4395 58219 -1.0387 58220
5.5372 58221 1.9148 58222 7.2873 58223 23.536 58224 64.28 58225 6.605 58226 4.4716
58227 0.27908 58228 6.5693 58229 0.16189 58230 7.7761 58231 0.69556 58232 0.69948
58233 0.78272 58234 0.90975 58235 0.66378 58236 1.8705 58237 223.84 58238 -208.82
58239 24.629 58240 64.192 58241 64.494 58242 -224.33 58243 15.498 58244 169.82 58245
140.03 58246 179.59 58247 -223.9 58248 -192.27 58249 -249.32 58250 -9.4157 58251 -13.37
58252 -33.229 58253 -19.36 58254 -65.644 58255 -58.353 58256 -91.062 58257 -47.918
58258 25.031 58259 -0.69013 58260 -23.965 58261 -4.6068 58262 -0.26466 58263 -10.596
58264 -20.274 58265 -78.787 58266 -246.2 58267 -28.387 58268 -80.646 58269 -152.82
58270 -258.47 58271 -68.325 58272 -146.49 58273 -142.41 58274 -48.697 58275 -58.421
58276 -157.5 58277 -31.726 58278 -139.79 58279 -24.217 58280 -58.858 58281 -35.351
58282 -2.4507 58283 -1.5669 58284 -27.102 58285 29.929 58286 11.95 58287 54.153 58288
38.071 58289 55.589 58290 40.068 58291 30.504 58292 67.337 58293 31.399 58294 146.57
58295 24.865 58296 196.87 58297 132.91 58298 57.383 58299 123.73 58300 294.61 58301
141.51 58302 -208.94 58303 -204.17 58304 -21.835 58305 108.72 58306 229.15 58307 245.23
58308 98.09 58309 64.451 58310 11.201 58311 24.586 58312 -0.1177 58313 77.551 58314
34.765 58315 14.486 58316 10.832 58317 -11.072 58318 21.836 58319 17.44 58320 1.5028
58321 7.0727 58322 16.083 58323 14.423 58324 14.811 58325 44.87 58326 20.093 58327
-37.389 58328 -9.766 58329 8.7716 58330 -54.798 58331 -42.59 58332 -11.038 58333 -5.7559
58334 -78.67 58335 -11.906 58336 -136.59 58337 -4.2716 58338 -149.51 58339 -40.143 58340
-164.82 58341 -160.74 58342 -266.39 58343 224.21 58344 303.03 58345 305.69 58346 41.343
58347 226.24 58348 128.77 58349 162.78 58350 -128.98 58351 -251.41 58352 -154.07 58353
-263.38 58354 -183.3 58355 -177.29 58356 71.392 58357 6.8849 58358 173.21 58359 126.85
58360 94.313 58361 75.216 58362 71.555 58363 2.7515 58364 26.845 58365 11.858 58366
-24.569 58367 -10.912 58368 -9.9041 58369 -7.6897 58370 32.817 58371 27.337 58372
21.434 58373 14.143 58374 13.906 58375 17.334 58376 32.188 58377 18.162 58378 135.24
58379 129.76 58380 134.61 58381 120.59 58382 30.028 58383 29.685 58384 34.878 58385
29.399 58386 15.373 58387 -51.976 58388 -48.511 58389 -31.988 58390 -50.5 58391 -62.932
58392 -212.88 58393 -209.41 58394 -226.81 58395 -211.4 58396 -263.16 58397 -57.381 58398
-59.371 58399 -71.802 58400 -111.13 58401 -39.536 58402 -71.316 58403 -55.906 58404
-35.629 58405 -7.935 58406 9.7377 58407 29.056 58408 8.8768 58409 -21.249 58410 -4.8174

58411 -9.5635 58412 12.636 58413 -9.4654 58414 6.2358 58415 7.8067 58416 3.2412 58417
1.7261 58418 0.97441 58419 1.1546 58420 -6.4874e-002 58421 -0.32594 58422 0.3943 58423
7.76 58424 3.0139 58425 -2.0154 58426 35.372 58427 -5.0736 58428 4.3053 58429 8.245
58430 2.1712 58431 2.019 58432 3.4153 58433 99.424 58434 94.544 58435 101.32 58436
71.374 58437 91.039 58438 58.943 58439 19.62 58440 52.62 58441 109.18 58442 -0.6098
58443 0.1004 58444 -0.68597 58445 6.8627 58446 -4.7804 58447 3.0806 58448 -0.62495
58449 0.7566 58450 5.3391 58451 -10.689 58452 6.5832 58453 10.505 58454 14.374 58455
-8.9164 58456 1.5846 58457 -11.725 58458 -1.1243 58459 -0.72218 58460 10.322 58461
4.4577 58462 1.1339 58463 -9.2948 58464 -10.167 58465 -4.3972 58466 -4.6649 58467
1.4649 58468 8.0476 58469 -8.7056 58470 -3.1662 58471 9.2786 58472 -2.7172 58473
-5.7153 58474 3.2947 58475 1.1503 58476 0.32075 58477 67.08 58478 22.699 58479 7.2715
58480 -0.86101 58481 5.7468 58482 3.0156 58483 0.88046 58484 13.616 58485 55.559
58486 51.366 58487 47.426 58488 25.522 58489 -11.404 58490 -5.8374 58491 0.41044 58492
-4.3059 58493 1.8239 58494 -4.241 58495 -18.009 58496 -7.5084 58497 -6.9653 58498
-8.2788 58499 -1.198 58500 -4.172 58501 -3.8081 58502 -2.2668 58503 -5.2408 58504 6.7
58505 14.05 58506 9.6535 58507 5.796e-002 58508 0.10684 58509 6.399e-002 58510
6.9044e-003 58511 0.52068 58512 0.98408 58513 1.4458 58514 4.9328e-002 58515 1.3106
58516 -1.3849 58517 4.4968e-002 58518 -2.1328 58519 -0.1302 58520 -0.26437 58521
0.10882 58522 -1.5413e-002 58523 -2.9936 58524 3.0755 58525 -2.5812e-005 58526
3.7915e-005 58527 -8.733e-005 58528 7.8106e-007 58529 -3.5999e-007 58530 -2.1929e-007
58531 -6.3589e-006 58532 2.1524e-006 58533 -8.4707e-006 58534 -2.0479e-005 58535
-4.9014e-006 58536 -1.1368e-004 58537 -5.8895e-005 58538 -2.2565e-004 58539 -2.5993e-
005 58540 -9.6698e-006 58541 -2.2504e-005 58542 -3.2712e-005 58543 -2.3564e-005 58544
-4.6833e-005 58545 -2.9828e-005 58546 5.6872e-006 58547 1.7757e-006 58548 -3.2842e-005
58549 -2.5064e-006 58550 -5.1892e-007 58551 -3.7753e-006 58552 -2.268e-003 58553
-9.2131e-004 58554 -4.1841e-004 58555 -8.7613e-004 58556 -4.6167e-004 58557 -6.2843e-
004 58558 -4.0556e-004 58559 -6.743e-004 58560 -1.8103e-004 58561 -4.4253e-004 58562
-2.5349e-004 58563 -6.9947e-004 58564 -8.3e-004 58565 -1.5389e-003 58566 -2.2864e-003
58567 -2.2699e-003 58568 -2.0845e-003 58569 -2.2279e-003 58570 -2.8734e-003 58571
-2.2312e-003 58572 1.3093e-003 58573 5.7828e-004 58574 6.2025e-004 58575 9.8324e-004
58576 1.0385e-003 58577 -4.82e-004 58578 -4.6915e-004 58579 -9.6405e-005 58580
-6.4831e-004 58581 -4.2928e-004 58582 1.6171e-005 58583 -2.2359e-005 58584 3.3756e-005
58585 1.8148e-005 58586 7.3619e-005 58587 7.523e-006 58588 -2.7095e-005 58589 2.902e-
005 58590 1.3412e-005 58591 5.2284e-006 58592 1.3289e-006 58593 2.0871e-006 58594
1.3169e-006 58595 3.7929e-004 58596 -1.4705e-004 58597 -8.8623e-005 58598 2.8315e-004
58599 2.1361e-004 58600 3.296e-004 58601 1.1671e-004 58602 -8.5364e-006 58603
-3.6821e-004 58604 -3.0978e-004 58605 6.1934e-006 58606 8.563e-005 58607 6.1992e-005
58608 -2.0699e-004 58609 -4.3535e-005 58610 -4.9956e-005 58611 -3.5226e-005 58612
4.421e-005 58613 3.9526e-005 58614 1.6895e-005 58615 -5.3487e-004 58616 -2.8717e-004
58617 -1.6047e-004 58618 -3.793e-005 58619 -8.5082e-005 58620 -1.0835e-004 58621
-2.102e-004 58622 -7.1752e-005 58623 -6.4683e-004 58624 -6.9271e-004 58625 -8.3612e-004
58626 -2.719e-004 58627 -7.3332e-004 58628 -5.6987e-004 58629 -2.3238e-004 58630
-9.5097e-006 58631 -4.6479e-005 58632 -3.0294e-005 58633 -3.3301e-005 58634 -3.6557e-
005 58635 -4.2663e-005 58636 -2.1323e-004 58637 -2.4196e-005 58638 -1.4989e-004 58639
-1.9705e-004 58640 -3.2216e-004 58641 -2.327e-005 58642 4.386e-006 58643 -3.4503e-005
58644 -4.2847e-006 58645 7.0325e-007 58646 -1.8654e-006 58647 -3.544e-006 58648
-5.7628e-005 58649 -1.252e-004 58650 -2.0752e-004 58651 -1.1588e-005 58652 -2.741e-005
58653 -1.6743e-005 58654 -2.7514e-005 58655 -1.5943e-005 58656 -4.2856e-005 58657
-2.6669e-005 58658 4.4426e-005 58659 1.6011e-005 58660 -1.0051e-004 58661 1.6581e-006
58662 1.5784e-006 58663 1.7285e-006 58664 -1.6091e-005 58665 -4.617e-006 58666
-1.8163e-005 58667 -9.1476e-006 58668 3.6314e-006 58669 -1.883e-003 58670 -4.5747e-004
58671 -8.2073e-004 58672 -1.0998e-003 58673 -1.0608e-003 58674 -1.1431e-003 58675
-6.2945e-004 58676 -1.2366e-003 58677 -1.6738e-003 58678 -1.4581e-003 58679 -9.9978e-
004 58680 -2.1649e-003 58681 -1.0813e-003 58682 -7.6556e-004 58683 -8.7213e-004 58684
-1.0652e-003 58685 -1.2672e-003 58686 -1.202e-003 58687 -1.0377e-003 58688 -2.1302e-003
58689 -1.0466e-003 58690 2.1062e-004 58691 -2.3136e-004 58692 -1.845e-004 58693
5.0538e-004 58694 6.3941e-004 58695 5.6143e-004 58696 2.3891e-004 58697 3.4796e-004

58698 -2.1364e-004 58699 2.0421e-006 58700 -2.5682e-004 58701 4.7008e-004 58702
1.8101e-004 58703 3.6074e-005 58704 2.8548e-006 58705 1.3775e-004 58706 -3.6121e-004
58707 5.7835e-005 58708 9.7097e-005 58709 1.0682e-004 58710 5.7446e-005 58711
-5.9072e-005 58712 -9.2291e-005 58713 4.2603e-005 58714 2.5344e-005 58715 4.0897e-005
58716 -3.7311e-005 58717 2.3272e-005 58718 -2.7927e-005 58719 -3.0708e-006 58720
1.464e-005 58721 1.6652e-005 58722 5.8831e-005 58723 -8.8974e-005 58724 -2.9106e-004
58725 1.2344e-004 58726 -6.1526e-005 58727 3.9882e-004 58728 1.1263e-005 58729
-2.7627e-005 58730 -1.342e-004 58731 1.0874e-005 58732 7.822e-005 58733 9.4957e-006
58734 5.0113e-006 58735 -1.0675e-004 58736 -2.9973e-005 58737 7.1497e-006 58738
2.6653e-006 58739 -1.7543e-004 58740 -2.1875e-004 58741 -3.0361e-005 58742 -5.2429e-
005 58743 -2.2822e-005 58744 -3.8643e-005 58745 -3.6224e-005 58746 -2.7177e-005 58747
-1.0634e-005 58748 -3.2532e-004 58749 -1.3693e-004 58750 -1.59e-004 58751 -2.5455e-004
58752 -2.6347e-004 58753 -5.4985e-005 58754 -2.8632e-004 58755 -2.3722e-004 58756
-1.8044e-005 58757 -9.0393e-005 58758 -1.1055e-004 58759 -1.2166e-004 58760 -1.4298e-
004 58761 -2.0232e-004 58762 -1.0036e-004 58763 -1.7271e-004 58764 -2.253e-004 58765
-3.0679e-004 58766 -1.6052e-004 58767 -8.7871e-006 58768 1.7584e-005 58769 -8.2158e-
006 58770 1.3255e-006 58771 8.0423e-006 58772 6.725e-007 58773 8.4626e-006 58774
-2.0179e-005 58775 -6.3816e-005 58776 -6.9825e-005 58777 2.1968e-005 58778 -1.1291e-
005 58779 -4.0189e-006 58780 9.9328e-005 58781 3.6623e-005 58782 -5.1694e-005 58783
1.5175e-006 58784 1.9948e-006 58785 1.609e-005 58786 9.1091e-006 58787 5.7756e-006
58788 8.1027e-006 58789 2.3324e-005 58790 4.7641e-006 58791 -7.3017e-004 58792
5.4384e-004 58793 -9.5565e-005 58794 -4.5906e-004 58795 -4.9609e-004 58796 -5.021e-004
58797 -3.2986e-004 58798 1.0108e-004 58799 -1.3652e-004 58800 -1.0775e-004 58801
6.1114e-004 58802 9.4892e-005 58803 -4.4301e-004 58804 3.149e-004 58805 -1.5144e-004
58806 -3.0394e-004 58807 -1.7474e-004 58808 5.1186e-005 58809 1.9747e-005 58810
7.3852e-004 58811 9.4114e-004 58812 9.4201e-004 58813 1.6864e-003 58814 9.097e-004
58815 1.3336e-003 58816 1.3158e-003 58817 1.2926e-003 58818 1.4959e-003 58819 1.524e-
003 58820 4.4466e-004 58821 2.9364e-004 58822 6.7644e-004 58823 6.532e-004 58824
4.4054e-004 58825 4.3104e-004 58826 3.4672e-004 58827 1.3246e-004 58828 4.4142e-005
58829 1.9104e-004 58830 1.8154e-004 58831 1.0919e-004 58832 1.1193e-004 58833
1.1916e-004 58834 4.1331e-005 58835 4.922e-005 58836 3.8906e-005 58837 1.4625e-004
58838 1.1968e-004 58839 2.4888e-004 58840 4.748e-004 58841 3.0167e-004 58842 4.7568e-
004 58843 2.2211e-004 58844 2.6156e-005 58845 3.5589e-007 58846 -6.2546e-006 58847
1.2295e-004 58848 1.7574e-004 58849 9.6175e-005 58850 3.8711e-005 58851 6.1921e-006
58852 2.325e-005 58853 2.2871e-005 58854 4.4547e-005 58855 -2.6218e-005 58856
-6.9254e-005 58857 -5.7341e-006 58858 1.0299e-004 58859 -1.0719e-005 58860 -2.9291e-
006 58861 1.8747e-005 58862 -7.5864e-005 58863 9.6376e-005 58864 6.9601e-005 58865
-1.1289e-004 58866 4.0019e-005 58867 -2.1097e-005 58868 -4.7084e-005 58869 -5.3801e-
005 58870 -3.1863e-005 58871 5.334e-005 58872 -2.7107e-005 58873 -6.0366e-005 58874
-5.981e-005 58875 1.4258e-006 58876 5.531e-005 58877 -1.1781e-005 58878 4.3812e-006
58879 8.9233e-006 58880 3.1359e-005 58881 1.074e-005 58882 1.6189e-005 58883
-1.9122e-005 58884 -2.1098e-005 58885 -3.231e-005 58886 1.5825e-006 58887 6.8816e-005
58888 3.0521e-005 58889 -1.6614e-005 58890 1.4721e-006 58891 6.5807e-006 58892
1.0332e-005 58893 1.3583e-005 58894 2.2883e-005 58895 -6.1909e-004 58896 5.8894e-004
58897 1.138e-004 58898 -2.2395e-004 58899 -1.6725e-004 58900 -1.7846e-004 58901
2.3628e-004 58902 -1.1101e-006 58903 -8.7443e-005 58904 5.6933e-004 58905 -1.012e-004
58906 -5.4482e-004 58907 -1.3509e-004 58908 -3.8556e-004 58909 -4.0832e-004 58910
1.4081e-003 58911 3.3635e-003 58912 1.3742e-003 58913 2.0931e-003 58914 1.1237e-003
58915 2.5113e-003 58916 1.001e-003 58917 1.1234e-003 58918 2.1173e-003 58919 1.4531e-
003 58920 8.8604e-004 58921 3.302e-004 58922 2.4477e-004 58923 9.7793e-004 58924
4.109e-004 58925 2.9685e-004 58926 5.0785e-004 58927 4.4148e-004 58928 9.6285e-005
58929 4.915e-005 58930 1.0124e-004 58931 3.1224e-004 58932 1.569e-004 58933 8.8647e-
005 58934 3.405e-005 58935 6.8234e-005 58936 5.6642e-005 58937 4.1053e-005 58938
5.0353e-005 58939 4.768e-004 58940 2.9395e-004 58941 4.5269e-004 58942 7.0368e-004
58943 1.4226e-003 58944 8.6895e-004 58945 1.5894e-004 58946 9.1846e-005 58947
3.3171e-005 58948 1.9191e-004 58949 1.4035e-004 58950 3.1037e-004 58951 6.0817e-004
58952 3.4762e-005 58953 8.327e-005 58954 5.5467e-005 58955 7.7902e-005 58956 1.3338e-

004 58957 2.5329e-004 58958 7.2504e-005 58959 -9.1004e-005 58960 -4.5517e-005 58961
6.7739e-005 58962 1.6179e-005 58963 -1.1624e-005 58964 -1.0419e-004 58965 9.0642e-006
58966 2.6006e-004 58967 -4.7493e-005 58968 1.2986e-004 58969 1.5807e-005 58970
-9.3338e-006 58971 3.2175e-006 58972 1.1864e-004 58973 4.5937e-006 58974 -5.3208e-006
58975 7.543e-005 58976 -4.0245e-005 58977 6.2308e-006 58978 6.6352e-006 58979 1.163e-
005 58980 1.0153e-005 58981 1.1104e-005 58982 2.9345e-005 58983 3.1644e-005 58984
1.1807e-005 58985 -5.8715e-005 58986 -1.9257e-005 58987 -5.64e-005 58988 -1.2289e-005
58989 -6.8404e-006 58990 -6.6627e-006 58991 4.2462e-005 58992 1.1738e-005 58993
-6.5248e-006 58994 1.2091e-006 58995 6.5542e-006 58996 4.417e-006 58997 -9.3789e-004
58998 3.2154e-004 58999 6.5495e-005 59000 -1.9791e-004 59001 -3.2003e-005 59002
-6.9146e-005 59003 -1.0798e-005 59004 -1.1223e-005 59005 -1.5727e-004 59006 1.2335e-
004 59007 3.1024e-004 59008 2.4741e-004 59009 5.0474e-004 59010 -3.4457e-004 59011
-1.0865e-003 59012 -1.0459e-003 59013 -7.6525e-004 59014 -4.4969e-004 59015 -7.3468e-
004 59016 -1.2776e-003 59017 1.9867e-003 59018 2.423e-003 59019 2.5604e-003 59020
1.8816e-003 59021 1.79e-003 59022 1.0536e-003 59023 4.3632e-004 59024 5.9402e-004
59025 6.8107e-004 59026 1.2313e-003 59027 6.1824e-004 59028 1.3176e-004 59029
8.2775e-005 59030 1.0398e-004 59031 3.3797e-004 59032 7.6469e-005 59033 4.2502e-004
59034 5.2527e-005 59035 3.4264e-005 59036 5.5469e-005 59037 2.7958e-005 59038
4.4144e-005 59039 4.7343e-005 59040 9.4972e-005 59041 3.1774e-005 59042 2.7315e-005
59043 1.662e-005 59044 1.4483e-005 59045 7.6456e-004 59046 3.9541e-004 59047 7.4405e-
004 59048 1.0322e-003 59049 9.4064e-004 59050 7.4725e-004 59051 2.6473e-004 59052
1.4906e-004 59053 2.2611e-005 59054 3.7124e-004 59055 2.4555e-004 59056 2.5988e-004
59057 3.7445e-004 59058 2.2035e-005 59059 1.1853e-004 59060 9.1625e-005 59061
9.3924e-005 59062 1.3286e-004 59063 8.4704e-005 59064 -2.2009e-004 59065 -9.1324e-005
59066 -1.2873e-005 59067 -4.7213e-005 59068 -2.1751e-005 59069 1.7185e-005 59070
-4.1587e-005 59071 -2.1777e-004 59072 -1.5985e-004 59073 -2.527e-005 59074 -1.3932e-004
59075 -1.0926e-004 59076 5.3044e-006 59077 -5.1866e-005 59078 6.483e-006 59079
6.0577e-006 59080 -7.7544e-006 59081 -1.6434e-006 59082 -3.1086e-005 59083 -1.0558e-
005 59084 -4.4898e-005 59085 -3.2136e-005 59086 7.0315e-006 59087 -6.4057e-005 59088
3.3454e-007 59089 -1.7556e-005 59090 -4.2584e-006 59091 -1.0612e-005 59092 2.5129e-007
59093 -9.6253e-005 59094 -1.1272e-004 59095 -3.0756e-004 59096 -3.2105e-005 59097
-3.2361e-005 59098 -4.9753e-005 59099 -4.0329e-005 59100 -4.0907e-005 59101 -4.2809e-
005 59102 -1.0302e-004 59103 -6.3531e-005 59104 -3.8019e-005 59105 1.0498e-005 59106
3.1061e-006 59107 -8.0648e-005 59108 -2.1047e-007 59109 -8.8392e-006 59110 -1.951e-005
59111 -1.3323e-006 59112 -5.6015e-006 59113 -2.3895e-003 59114 -4.721e-004 59115
-7.3067e-004 59116 -1.2409e-003 59117 -8.9646e-004 59118 -1.0913e-003 59119 -9.7889e-
004 59120 -1.3152e-003 59121 -1.102e-003 59122 -1.6106e-003 59123 -1.9434e-003 59124
-1.1729e-003 59125 -1.4804e-003 59126 -1.9986e-003 59127 -3.0181e-003 59128 -1.9176e-
003 59129 -1.836e-003 59130 -2.0728e-003 59131 -2.3317e-003 59132 -2.701e-003 59133
4.9372e-004 59134 5.6587e-005 59135 3.5614e-004 59136 4.2904e-004 59137 1.8081e-004
59138 2.9933e-004 59139 -4.5092e-004 59140 3.3761e-004 59141 -1.6355e-004 59142
5.5666e-004 59143 9.5831e-005 59144 4.6855e-006 59145 -7.7753e-005 59146 2.4262e-005
59147 -2.0082e-004 59148 7.9041e-005 59149 1.38e-005 59150 -6.9954e-005 59151
-8.8156e-006 59152 -5.0377e-005 59153 5.9166e-006 59154 4.4016e-006 59155 2.8726e-006
59156 -1.6208e-005 59157 1.9695e-006 59158 -1.4756e-006 59159 -2.2997e-006 59160
1.1129e-004 59161 -3.3191e-004 59162 -2.5092e-004 59163 -1.6932e-004 59164 8.4226e-005
59165 4.8634e-005 59166 -1.0915e-005 59167 2.5181e-005 59168 -4.5907e-005 59169
-4.0684e-004 59170 9.3007e-006 59171 1.3612e-005 59172 -6.2061e-005 59173 2.7207e-006
59174 1.1986e-005 59175 -5.9216e-006 59176 -5.7086e-005 59177 -1.0586e-005 59178
2.4321e-006 59179 2.7121e-006 59180 -8.4588e-006 59181 7.2218e-006 59182 -4.8911e-004
59183 -3.3948e-004 59184 -1.9931e-004 59185 -8.1674e-005 59186 -6.6121e-005 59187
-1.4433e-004 59188 -7.9547e-005 59189 -1.3494e-004 59190 -7.0042e-004 59191 -6.8744e-
004 59192 -5.6024e-004 59193 -4.339e-004 59194 -9.2431e-004 59195 -5.0526e-004 59196
-7.1107e-004 59197 -4.5627e-004 59198 -3.5595e-004 59199 -1.5342e-004 59200 -8.9291e-
005 59201 -9.9961e-005 59202 -1.4152e-004 59203 -3.666e-004 59204 -1.5141e-004 59205
-1.1191e-004 59206 -4.1062e-004 59207 -3.4827e-004 59208 -5.6145e-004 59209 -3.4625e-
004 59210 6.0336e-005 59211 -1.2097e-003 59212 7.867e-003 59213 2.3303e-004 59214

2.0349e-003 59215 6.2391e-004 59216 3.6469e-004 59217 6.3833e-004 59218 6.5898e-004
59219 -1.4877e-003 59220 -1.6287e-003 59221 2.0487e-004 59222 7.2855e-005 59223
-1.3433e-003 59224 3.2211e-003 59225 1.458e-003 59226 1.5799e-003 59227 5.0536e-004
59228 2.173e-004 59229 1.6467e-003 59230 -2.7578e-003 59231 1.9476e-003 59232
5.4966e-003 59233 3.0648e-004 59234 5.2929e-003 59235 -1.0562e-003 59236 6.1779e-003
59237 1.797e-003 59238 -1.0652e-003 59239 -1.0507e-003 59240 3.0381e-002 59241
9.4226e-003 59242 1.0874e-002 59243 1.2714e-002 59244 8.026e-003 59245 1.5031e-002
59246 4.7489e-003 59247 2.6278e-003 59248 1.0061e-002 59249 4.8708e-003 59250
3.8265e-003 59251 4.9376e-003 59252 2.5219e-003 59253 2.0332e-003 59254 3.1745e-003
59255 -5.725e-004 59256 -1.0122e-002 59257 7.2305e-003 59258 2.8762e-004 59259
2.1454e-004 59260 8.3047e-004 59261 4.6943e-004 59262 2.9339e-004 59263 -1.6811e-004
59264 -5.0501e-004 59265 2.1387e-004 59266 2.144e-003 59267 -4.6655e-003 59268
-1.1215e-002 59269 -7.9455e-004 59270 -1.0657e-003 59271 -1.5975e-003 59272 -1.1242e-
003 59273 -8.7859e-004 59274 -3.8193e-003 59275 5.7511e-004 59276 2.0021e-004 59277
-1.2051e-005 59278 1.217e-004 59279 -2.7797e-004 59280 -1.4215e-002 59281 -3.2716e-003
59282 -2.9937e-003 59283 -2.7039e-003 59284 -4.4612e-003 59285 -7.9276e-003 59286
-4.598e-003 59287 -3.2509e-003 59288 -4.1247e-003 59289 -3.4118e-003 59290 -1.101e-002
59291 -9.2961e-003 59292 -9.8118e-003 59293 -1.4477e-002 59294 -1.1147e-002 59295
8.0567e-003 59296 7.541e-003 59297 6.0225e-003 59298 8.8545e-003 59299 7.4789e-004
59300 5.3563e-004 59301 1.615e-003 59302 1.1435e-003 59303 2.6971e-004 59304 1.6072e-
004 59305 2.9448e-004 59306 1.2401e-003 59307 -1.5146e-003 59308 -8.9302e-003 59309
-9.41e-003 59310 3.9132e-003 59311 -3.4211e-004 59312 -3.8415e-003 59313 2.0492e-004
59314 -1.8605e-004 59315 -7.8472e-005 59316 1.8635e-004 59317 -1.0986e-002 59318
-1.743e-003 59319 -1.7757e-003 59320 -2.1594e-003 59321 -2.3977e-003 59322 -5.8971e-003
59323 -2.2132e-003 59324 -2.7121e-003 59325 -9.3399e-003 59326 8.3863e-004 59327
8.7097e-005 59328 -1.0958e-004 59329 -7.0423e-004 59330 -1.8936e-004 59331 -1.0662e-
003 59332 -1.8881e-002 59333 -8.2228e-003 59334 -1.0149e-002 59335 -1.8123e-002 59336
-1.0976e-002 59337 -1.3313e-002 59338 -1.724e-002 59339 -1.8561e-002 59340 -1.049e-002
59341 -1.1865e-002 59342 -1.0128e-002 59343 -6.0378e-003 59344 -1.8603e-002 59345
-1.2898e-002 59346 -1.3793e-002 59347 -1.0137e-002 59348 -1.7088e-002 59349 -2.1046e-
002 59350 -2.5042e-003 59351 3.1862e-003 59352 4.7513e-003 59353 -3.7649e-003 59354
1.2042e-003 59355 9.6658e-004 59356 4.1284e-004 59357 -7.977e-004 59358 2.0864e-003
59359 -3.111e-004 59360 5.0874e-005 59361 -3.3869e-004 59362 1.7618e-004 59363 -7.36e-
004 59364 -3.4512e-003 59365 1.4462e-003 59366 1.9734e-004 59367 -2.27e-004 59368
6.9985e-005 59369 9.5351e-005 59370 -7.2985e-003 59371 -4.121e-003 59372 -4.725e-004
59373 -7.2786e-004 59374 -5.7792e-004 59375 -3.0428e-004 59376 -4.5226e-004 59377
-6.9054e-003 59378 3.9334e-003 59379 1.2024e-003 59380 -2.7221e-004 59381 -3.2325e-004
59382 -2.3692e-004 59383 -5.914e-005 59384 -1.0014e-002 59385 -2.3524e-003 59386
-9.5173e-003 59387 -6.5227e-003 59388 -6.197e-003 59389 -6.3449e-003 59390 -8.313e-003
59391 -1.9388e-003 59392 -3.1877e-003 59393 -4.0047e-003 59394 -6.3398e-003 59395
-4.8634e-003 59396 -3.0195e-003 59397 -3.2897e-003 59398 8.9277e-004 59399 5.9624e-003
59400 1.8992e-003 59401 1.6078e-003 59402 5.7555e-003 59403 8.4603e-003 59404
4.2944e-003 59405 4.3161e-003 59406 2.5259e-003 59407 1.5635e-003 59408 1.6767e-003
59409 1.4988e-003 59410 1.5851e-003 59411 5.1402e-003 59412 4.3677e-002 59413 2.013e-
002 59414 9.6563e-002 59415 0.2236 59416 0.64169 59417 -0.93632 59418 -0.13032 59419
-9.7217e-003 59420 1.586e-002 59421 9.2293e-002 59422 9.6123e-002 59423 0.14057 59424
-3.9471e-002 59425 0.63742 59426 -0.4877 59427 -0.14091 59428 -0.16918 59429 9.3833e-
003 59430 -0.17066 59431 -0.64107 59432 -0.39536 59433 -0.41629 59434 0.24101 59435
-0.2168 59436 -0.39685 59437 -0.38109 59438 -0.45422 59439 -0.34348 59440 -0.32016
59441 0.31382 59442 -0.30827 59443 -0.56838 59444 -9.9438e-002 59445 -0.20612 59446
-0.17454 59447 9.2497e-002 59448 -0.19423 59449 -0.73709 59450 -0.45434 59451 7.9278e-
002 59452 6.6201e-002 59453 9.2949e-002 59454 0.16251 59455 0.33324 59456 4.6506e-002
59457 4.3569e-002 59458 3.6496e-005 59459 3.9055e-003 59460 -3.5613e-004 59461
-1.2149e-003 59462 3.5542e-004 59463 6.2906e-004 59464 3.5885e-004 59465 -9.8809e-004
59466 -7.8047e-004 59467 -5.9258e-003 59468 -9.0855e-005 59469 2.2598e-004 59470
-6.549e-005 59471 -8.0544e-004 59472 -6.941e-003 59473 -6.526e-003 59474 -3.7426e-004
59475 -8.5971e-004 59476 -1.2507e-003 59477 -1.1431e-003 59478 -3.6972e-003 59479

-7.043e-004 59480 -6.1582e-003 59481 -6.8177e-003 59482 -5.7628e-004 59483 -6.1414e-005
59484 -7.6811e-005 59485 -4.6778e-004 59486 1.0973e-003 59487 -1.3002e-003 59488
-7.1879e-004 59489 -7.4995e-003 59490 -3.7671e-003 59491 -6.6338e-004 59492 -4.8357e-
004 59493 -1.258e-003 59494 3.6056e-004 59495 -1.982e-003 59496 -3.357e-003 59497
-1.62e-003 59498 8.136e-004 59499 -3.0998e-003 59500 1.1033e-003 59501 8.2217e-005
59502 1.0278e-003 59503 5.5632e-004 59504 -3.1745e-004 59505 1.0573e-002 59506
1.9684e-003 59507 2.1121e-004 59508 2.4542e-003 59509 7.0139e-003 59510 6.0612e-004
59511 -3.2552e-003 59512 7.4383e-005 59513 5.4768e-004 59514 1.836e-002 59515 3.0925e-
002 59516 3.267e-002 59517 0.10048 59518 -1.5518e-002 59519 -1.8455e-002 59520
1.0862e-002 59521 3.2032e-002 59522 3.3777e-002 59523 1.1348e-002 59524 1.6335e-002
59525 1.5908e-002 59526 4.2647e-002 59527 3.0885e-003 59528 1.91e-002 59529 7.534e-
004 59530 6.9214e-003 59531 4.0593e-003 59532 2.2298e-003 59533 3.8001e-003 59534
1.3849e-002 59535 4.0737e-003 59536 1.1078e-002 59537 2.7018e-002 59538 1.09e-002
59539 5.4397e-002 59540 0.13083 59541 5.5001e-002 59542 4.9146e-002 59543 6.2315e-002
59544 4.6196e-002 59545 -4.858e-002 59546 -1.0743e-002 59547 5.2683e-003 59548
-1.5888e-002 59549 -5.0062e-002 59550 -1.1817e-002 59551 -1.6846e-002 59552 -2.7996e-
002 59553 -9.7773e-002 59554 -4.4571e-002 59555 -4.4156e-002 59556 -7.8329e-002 59557
-5.6263e-002 59558 -9.5378e-002 59559 -6.5496e-002 59560 -6.6155e-002 59561 -7.811e-002
59562 -7.868e-002 59563 -9.9255e-002 59564 -7.0053e-002 59565 -8.3494e-002 59566
-7.3043e-002 59567 -7.7189e-002 59568 -7.1332e-002 59569 -4.0479e-002 59570 -4.2835e-
002 59571 -3.9103e-002 59572 -4.2398e-002 59573 -5.479e-002 59574 -6.0174e-002 59575
-4.4069e-002 59576 -4.9724e-002 59577 -7.5238e-003 59578 -3.3207e-003 59579 1.7849e-
002 59580 -3.1911e-003 59581 -1.0819e-002 59582 -2.8595e-002 59583 -5.6562e-003 59584
1.4838e-002 59585 -6.3184e-003 59586 -2.0318e-003 59587 3.8965e-003 59588 -2.2473e-003
59589 6.5313e-005 59590 -1.6665e-004 59591 6.638e-003 59592 -4.5812e-004 59593
-1.2953e-002 59594 -1.1879e-002 59595 -1.6851e-002 59596 -1.9841e-002 59597 -6.6034e-
003 59598 -5.0383e-003 59599 -1.3554e-002 59600 -2.3986e-002 59601 -9.05e-003 59602
-1.813e-002 59603 -9.8805e-003 59604 -8.582e-003 59605 -1.4846e-002 59606 -2.0501e-002
59607 -5.6979e-003 59608 -8.0954e-003 59609 -9.4704e-003 59610 -1.945e-003 59611
2.3636e-003 59612 -9.4429e-003 59613 -4.9338e-003 59614 -1.1114e-002 59615 -2.0205e-
003 59616 -4.2806e-003 59617 9.785e-004 59618 -2.492e-003 59619 -5.7381e-003 59620
2.3427e-002 59621 2.3877e-003 59622 7.3036e-003 59623 -7.741e-005 59624 -2.9655e-003
59625 1.7112e-003 59626 8.3739e-004 59627 2.3557e-002 59628 4.6342e-002 59629
-1.8467e-003 59630 2.8473e-002 59631 1.8204e-002 59632 0.10728 59633 3.1454e-002
59634 -2.4481e-002 59635 1.3764e-002 59636 1.6077e-002 59637 8.7355e-003 59638
2.2649e-002 59639 -1.2488e-003 59640 -7.3927e-003 59641 -5.312e-003 59642 -8.6982e-003
59643 -1.2421e-002 59644 -2.3571e-002 59645 -8.635e-003 59646 1.1686e-004 59647
-6.2484e-006 59648 -3.8588e-004 59649 7.1176e-004 59650 4.652e-006 59651 3.4278e-004
59652 7.5485e-005 59653 -1.3928e-005 59654 6.7611e-006 59655 -1.4267e-007 59656
3.1542e-006 59657 2.2766e-006 59658 -1.0948e-004 59659 1.1324e-005 59660 1.0944e-005
59661 9.0085e-005 59662 3.2621e-005 59663 5.5001e-007 59664 -9.2306e-006 59665
-6.1536e-004 59666 1.6699e-006 59667 -7.7922e-006 59668 -3.4813e-006 59669 7.5619e-007
59670 -3.2014e-006 59671 -1.4372e-005 59672 -5.107e-006 59673 1.3083e-006 59674
-2.3015e-005 59675 2.2765e-005 59676 -6.1699e-004 59677 -1.6353e-004 59678 7.157e-006
59679 -5.1064e-006 59680 -1.0144e-006 59681 -8.6891e-007 59682 -1.9949e-005 59683
-1.772e-006 59684 -6.1511e-005 59685 -5.2171e-006 59686 -6.7321e-006 59687 -6.0412e-006
59688 3.7147e-005 59689 -8.8225e-004 59690 -9.8091e-003 59691 -5.9315e-004 59692
4.1935e-004 59693 -1.3969e-004 59694 9.6354e-006 59695 -1.3256e-004 59696 3.0997e-005
59697 2.2826e-005 59698 -6.3412e-004 59699 -2.4731e-004 59700 -3.7671e-005 59701
-8.3243e-005 59702 -6.3313e-005 59703 2.2814e-005 59704 -2.5471e-006 59705 8.6468e-005
59706 -4.8404e-004 59707 1.3451e-005 59708 4.1061e-002 59709 7.8017e-002 59710
6.1032e-002 59711 -0.63186 59712 8.7509e-002 59713 6.1683e-002 59714 2.2919e-002
59715 -0.16733 59716 -2.7878e-002 59717 -2.2656e-002 59718 -2.2005e-002 59719 -6.0769e-
002 59720 -0.19583 59721 -0.15258 59722 -0.15585 59723 -0.12088 59724 -0.14671 59725
-0.18547 59726 -3.9053e-002 59727 -5.072e-002 59728 -5.9647e-002 59729 -2.468e-002
59730 -5.0506e-002 59731 2.4264e-002 59732 2.2455e-003 59733 1.3266e-003 59734
2.6175e-003 59735 1.0266e-002 59736 4.0594e-003 59737 3.579e-003 59738 3.6756e-003

59739 5.5239e-003 59740 3.2499e-003 59741 3.2794e-002 59742 2.1127e-002 59743
3.0066e-002 59744 8.2048e-004 59745 4.515e-004 59746 6.5651e-004 59747 1.9669e-004
59748 1.4513e-004 59749 1.1187e-004 59750 4.4768e-004 59751 2.9946e-004 59752
1.9722e-004 59753 2.4912e-003 59754 1.9881e-004 59755 1.1243e-004 59756 4.2006e-004
59757 1.4134e-004 59758 -4.0027e-004 59759 -6.2677e-004 59760 -9.7358e-006 59761
6.1097e-005 59762 -1.9198e-005 59763 -1.0645e-005 59764 -7.6267e-006 59765 -1.2352e-
005 59766 -9.056e-005 59767 -1.1434e-004 59768 -3.442e-005 59769 2.7263e-005 59770
-8.9171e-004 59771 2.6168e-004 59772 1.7713e-007 59773 1.9562e-005 59774 -2.5677e-004
59775 -9.2701e-005 59776 3.4873e-004 59777 3.9931e-006 59778 -8.9213e-004 59779
3.9881e-004 59780 -1.1921e-004 59781 1.6141e-004 59782 4.7365e-005 59783 1.3026e-005
59784 7.0223e-004 59785 3.483e-004 59786 2.8547e-004 59787 1.0312e-003 59788 9.8566e-
003 59789 3.5897e-002 59790 1.0071e-002 59791 1.8796e-002 59792 1.6351e-002 59793
1.4301e-002 59794 1.4951e-002 59795 1.5821e-002 59796 2.3677e-002 59797 1.6748e-002
59798 1.9517e-002 59799 1.8021e-002 59800 -6.9542e-003 59801 3.1774e-004 59802
-1.0064e-003 59803 -1.7321e-003 59804 -7.3304e-004 59805 -5.1238e-005 59806 -3.1854e-
004 59807 -7.243e-004 59808 -5.035e-004 59809 -1.0432e-003 59810 -1.1016e-003 59811
-5.3235e-004 59812 -4.9397e-004 59813 -4.316e-005 59814 -2.4675e-003 59815 -1.0738e-002
59816 -1.5972e-003 59817 -5.0951e-004 59818 -2.1674e-004 59819 -3.3873e-003 59820
-1.563e-003 59821 7.128e-003 59822 -1.0121e-003 59823 -2.6092e-003 59824 -1.6761e-003
59825 5.379e-004 59826 -5.7067e-004 59827 1.1225e-004 59828 -1.6397e-002 59829
-7.1807e-003 59830 -7.9065e-003 59831 -7.2559e-003 59832 -6.3866e-003 59833 -8.1095e-
003 59834 -9.0461e-003 59835 -1.11e-002 59836 -9.6812e-003 59837 -7.3408e-003 59838
-8.6418e-003 59839 -1.0449e-002 59840 -1.0524e-002 59841 -9.4363e-003 59842 -1.1212e-
002 59843 -1.1541e-002 59844 -1.2314e-002 59845 -1.4368e-002 59846 -1.1536e-002 59847
-9.8582e-003 59848 -1.034e-002 59849 -6.345e-004 59850 1.0464e-003 59851 8.9436e-004
59852 3.7334e-004 59853 1.8127e-003 59854 1.008e-003 59855 3.0861e-003 59856 1.015e-
003 59857 1.5733e-003 59858 -9.6047e-004 59859 -7.7944e-004 59860 -6.2533e-004 59861
-6.6092e-004 59862 -7.6982e-004 59863 -1.8482e-003 59864 -2.3251e-003 59865 -5.1523e-
003 59866 -3.7333e-003 59867 -2.5078e-003 59868 -6.2264e-004 59869 -7.2047e-004 59870
-2.6966e-004 59871 -1.1238e-003 59872 -4.0359e-004 59873 -2.694e-003 59874 -2.0338e-003
59875 -1.1645e-003 59876 -1.6765e-003 59877 -2.3716e-004 59878 -2.1187e-003 59879
-3.4197e-003 59880 3.2737e-006 59881 -3.63e-006 59882 -1.4513e-006 59883 7.0649e-007
59884 1.3579e-006 59885 -1.2108e-006 59886 -1.4877e-005 59887 -2.352e-005 59888 81.694
59889 196.53 59890 -259.29 59891 -246.8 59892 -74.048 59893 -106.72 59894 -174.94 59895
-77.026 59896 -88.28 59897 -71.698 59898 -8.9846 59899 -24.229 59900 -12.193 59901
-40.647 59902 46.815 59903 2.5695 59904 -14.912 59905 -82.603 59906 -111.43 59907
-34.902 59908 -59.511 59909 -114.06 59910 -182.87 59911 -65.968 59912 -155.2 59913
-21.144 59914 -12.021 59915 -15.295 59916 10.699 59917 -47.009 59918 -4.2729 59919
-73.633 59920 -10.507 59921 -12.678 59922 -27.145 59923 5.1074 59924 -175.09 59925
-110.86 59926 -57.404 59927 -74.042 59928 -67.007 59929 -152.04 59930 -165.41 59931
-199.11 59932 95.253 59933 156.87 59934 69.969 59935 64.428 59936 140.04 59937 108.44
59938 31.509 59939 15.968 59940 29.476 59941 14.203 59942 -27.158 59943 34.649 59944
47.419 59945 73.644 59946 9.4896 59947 23.788 59948 45.506 59949 -36.234 59950 86.603
59951 21.282 59952 -24.508 59953 -15.599 59954 179.68 59955 153.67 59956 84.811 59957
36.845 59958 145.58 59959 194.3 59960 128.02 59961 191.22 59962 -2.6689e-003 59963
4.2409e-003 59964 3.361e-003 59965 -9.5275e-004 59966 -1.1302e-002 59967 4.8194e-002
59968 -1.1283e-004 59969 -5.7199e-002 59970 -4.4265e-003 59971 -1.4775e-002 59972
4.472e-002 59973 4.965e-002 59974 2.8989e-002 59975 6.797e-003 59976 -7.8656e-003
59977 -1.2225e-002 59978 0.18513 59979 1.5689e-002 59980 3.6757e-002 59981 0.21955
59982 0.21311 59983 -4.9182e-002 59984 3.5901e-003 59985 -2.5149e-002 59986 -6.7588e-
003 59987 -8.0012e-005 59988 4.715e-003 59989 5.2736e-002 59990 0.47627 59991 0.28411
59992 0.17197 59993 0.19304 59994 0.37583 59995 0.36939 59996 0.31029 59997 0.30683
59998 0.51069 59999 -1.1403 60000 -1.8882 60001 0.50425 60002 17.431 60003 7.0962e-002
60004 4.877e-002 60005 2.9748e-002 60006 5.9982e-003 60007 0.20986 60008 1.3446e-002
60009 0.23028 60010 9.0868e-003 60011 0.11424 60012 0.13574 60013 0.31209 60014
2.3173e-002 60015 0.20596 60016 0.19952 60017 0.20639 60018 0.22746 60019 0.22102
60020 -8.7455e-003 60021 -1.3105e-002 60022 -5.5482e-002 60023 -8.4221e-002 60024

-5.4357e-002 60025 -0.24536 60026 -6.336e-003 60027 -1.3059e-002 60028 4.6436e-002
60029 -0.17645 60030 -1.9122e-002 60031 -2.1141e-004 60032 -4.9489e-003 60033 2.3938e-
004 60034 -0.30806 60035 9.441e-003 60036 -3.5096e-004 60037 -5.0885e-003 60038
-3.5119e-002 60039 -3.0324e-002 60040 -0.48453 60041 -0.19573 60042 -0.17682 60043
-0.18156 60044 0.1116 60045 -0.10261 60046 -0.17637 60047 -0.2985 60048 -0.30829 60049
-0.31303 60050 -1.9874e-002 60051 -0.49923 60052 -0.55808 60053 7.4526 60054 4.4789e-
003 60055 -0.18173 60056 -0.24058 60057 0.10235 60058 5.4717e-002 60059 -1.9035e-002
60060 -5.313e-003 60061 90.448 60062 210.89 60063 79.822 60064 -202.89 60065 -39.384
60066 -51.815 60067 5.2137 60068 8.6414 60069 6.2147 60070 19.278 60071 9.4691 60072
-2.517 60073 196.59 60074 98.573 60075 -3.0864 60076 -61.508 60077 -207.14 60078 -127.07
60079 -12.427 60080 -38.426 60081 34.219 60082 -8.0577 60083 -48.48 60084 4.2094 60085
4.2826 60086 -0.88185 60087 -22.609 60088 16.663 60089 -84.492 60090 -31.802 60091
-87.81 60092 -36.894 60093 -58.621 60094 -121.5 60095 28.575 60096 40.842 60097 119.57
60098 35.751 60099 53.295 60100 50.713 60101 116.5 60102 -54.124 60103 -8.1576 60104
-1.3611 60105 11.019 60106 74.221 60107 -14.271 60108 111.24 60109 -41.783 60110 -240.18
60111 -68.675 60112 -259.62 60113 -131.56 60114 -45.465 60115 -247.14 60116 89.562 60117
-45.175 60118 5.7416 60119 1.1355 60120 20.704 60121 99.433 60122 -50.266 60123 -54.872
60124 -57.333 60125 65.197 60126 135.27 60127 -21.29 60128 -75.839 60129 -33.103 60130
-2.0767 60131 1.351 60132 16.205 60133 2.1787 60134 1.1142 60135 -1.3125 60136 15.968
60137 0.62688 60138 1.3827 60139 1.0758 60140 1.7092 60141 -1.7341 60142 -2.595 60143
0.78337 60144 1.4168 60145 2.1153 60146 15.179 60147 5.3696 60148 12.752 60149 1.5392
60150 2.3078 60151 0.91697 60152 -1.2707 60153 0.61006 60154 1.3786 60155 -0.80906
60156 -2.8763e-007 60157 2.5792e-008 60158 -2.1584e-008 60159 6.1387e-009 60160
2.2639e-007 60161 -1.4816e-008 60162 -7.5058e-008 60163 1.9794e-006 60164 8.0003e-007
60165 -3.2995e-006 60166 1.6246e-007 60167 -6.0784e-008 60168 2.4447e-008 60169
2.4609e-008 60170 3.6536e-009 60171 4.9055e-008 60172 4.5537e-006 60173 -6.5305e-007
60174 1.9979e-006 60175 -3.2135e-007 60176 -3.9133e-007 60177 -1.2546e-007 60178
-7.3373e-008 60179 -4.7458e-008 60180 -6.4058e-006 60181 1.0576e-007 60182 -3.5992e-
006 60183 4.4776e-008 60184 -7.9235e-009 60185 -1.1555e-009 60186 1.6028e-007 60187
3.0213e-007 60188 -8.1434e-006 60189 -6.5786e-007 60190 1.9931e-006 60191 -5.1522e-006
60192 -3.2858e-006 60193 -2.8042e-007 60194 -1.9361e-007 60195 1.0421e-007 60196
2.0055e-007 60197 1.0314e-007 60198 -1.009e-007 60199 6.8232e-006 60200 7.7419e-007
60201 2.9979e-006 60202 -4.0687e-007 60203 -5.5898e-007 60204 -1.1791e-007 60205
-5.6791e-007 60206 -4.6226e-006 60207 -3.777e-006 60208 8.6889e-007 60209 -1.2654e-007
60210 -1.263e-007 60211 4.8523e-008 60212 2.9898e-007 60213 -5.3111e-007 60214
-6.6707e-006 60215 -2.4901e-006 60216 -5.9707e-007 60217 -3.0319e-007 60218 -2.758e-007
60219 -1.3667e-007 60220 -1.3774e-007 60221 7.102e-006 60222 6.5823e-006 60223
1.1545e-005 60224 -2.5999e-009 60225 -1.701e-007 60226 2.5226e-008 60227 4.262e-008
60228 1.656e-007 60229 -8.1381e-006 60230 -5.8273e-006 60231 1.4401e-007 60232
-3.6883e-008 60233 -1.3439e-007 60234 3.6476e-007 60235 6.0929e-008 60236 -8.1024e-006
60237 -1.0582e-005 60238 1.5748e-007 60239 1.38e-007 60240 9.5389e-008 60241 -6.3015e-
008 60242 2.6191e-007 60243 1.6245e-007 60244 1.1719e-005 60245 4.6671e-006 60246
6.9809e-006 60247 2.1113e-006 60248 -8.926e-008 60249 -7.627e-008 60250 -3.0306e-007
60251 6.2821e-006 60252 2.4621e-007 60253 4.6695e-007 60254 -1.7424e-005 60255
2.8712e-007 60256 -4.126e-006 60257 -1.048e-005 60258 2.2992e-006 60259 -2.7822e-007
60260 -1.308e-007 60261 -4.2121e-007 60262 4.9777e-006 60263 -3.0777e-007 60264
-7.4322e-007 60265 -9.5054e-008 60266 -8.8539e-006 60267 -1.3471e-006 60268 -5.6163e-
006 60269 -2.5098e-007 60270 -6.4395e-008 60271 1.2628e-007 60272 2.0532e-007 60273
-1.3676e-007 60274 2.2456e-007 60275 -6.075e-006 60276 -4.2802e-006 60277 4.3653e-007
60278 4.0663e-006 60279 3.0548e-006 60280 -1.704e-007 60281 -8.5407e-008 60282
1.0633e-007 60283 2.5488e-007 60284 -1.062e-007 60285 1.9708e-007 60286 3.4933e-006
60287 4.4438e-006 60288 -7.6291e-007 60289 -2.5342e-006 60290 -1.4375e-008 60291
3.8726e-007 60292 3.295e-007 60293 3.1663e-007 60294 -6.0288e-006 60295 -1.0559e-005
60296 4.2538e-007 60297 5.547e-008 60298 1.9732e-007 60299 -5.7497e-007 60300
-5.2571e-006 60301 -2.534e-006 60302 -3.8954e-007 60303 -1.1983e-007 60304 -4.1822e-008
60305 -5.469e-008 60306 -6.4001e-006 60307 -4.6053e-006 60308 1.9156e-007 60309
2.4431e-008 60310 6.0364e-008 60311 4.529e-006 60312 -1.6603e-007 60313 -6.4127e-008

60314 8.4423e-008 60315 1.1695e-007 60316 3.3228e-006 60317 3.3249e-006 60318 5.317e-007 60319 -1.2013e-007 60320 5.2803e-007 60321 6.5101e-007 60322 2.057e-008 60323 -8.2308e-006 60324 -4.6615e-006 60325 -5.3419e-006 60326 -1.2529e-007 60327 -2.7474e-008 60328 -8.1908e-006 60329 -3.3332e-006 60330 4.2995e-007 60331 4.6248e-007 60332 -2.3867e-006 60333 3.6684e-006 60334 -6.5398e-006 60335 8.7723e-007 60336 -3.6555e-006 60337 -3.1687e-007 60338 -2.299e-008 60339 -1.8139e-007 60340 -3.3972e-008 60341 1.1601e-005 60342 1.1825e-005 60343 1.2077e-005 60344 -9.7459e-008 60345 1.4861e-007 60346 -8.2608e-006 60347 -1.074e-005 60348 -3.4032e-006 60349 -1.9497e-007 60350 -1.7758e-007 60351 -8.3583e-006 60352 -8.9365e-006 60353 -6.0475e-006 60354 -3.7896e-007 60355 -3.5157e-007 60356 -3.3858e-007 60357 1.1469e-005 60358 1.1721e-005 60359 -6.1302e-007 60360 -3.4923e-007 60361 1.2512e-006 60362 -9.3719e-006 60363 -6.1342e-006 60364 1.2406e-007 60365 -2.0808e-008 60366 -8.105e-008 60367 1.9735e-006 60368 1.319e-007 60369 8.6007e-008 60370 -4.4187e-006 60371 8.1444e-008 60372 1.1539e-005 60373 6.8004e-006 60374 1.1763e-005 60375 -1.6439e-007 60376 -8.4637e-008 60377 3.3753e-007 60378 2.7668e-007 60379 4.1184e-006 60380 3.1069e-006 60381 1.2635e-006 60382 -2.5447e-007 60383 -5.4488e-007 60384 -1.7643e-007 60385 4.8541e-006 60386 1.138e-005 60387 4.3282e-006 60388 1.1856e-005 60389 -5.6016e-009 60390 3.8856e-007 60391 4.1448e-007 60392 -5.9438e-006 60393 5.6769e-007 60394 -1.7307e-008 60395 -2.4409e-007 60396 1.0776e-007 60397 7.3475e-006 60398 6.3411e-006 60399 1.179e-005 60400 5.0015e-006 60401 8.7526e-006 60402 1.2004e-005 60403 -1.7283e-005 60404 -3.9849e-006 60405 -1.0339e-005 60406 4.5379e-006 60407 6.3541e-006 60408 1.1803e-005 60409 -8.163e-006 60410 -6.6108e-008 60411 -5.1611e-007 60412 9.207e-007 60413 5.3185e-007 60414 2.521e-007 60415 3.7703e-006 60416 4.7208e-006 60417 4.6487e-008 60418 -5.093e-008 60419 7.4486e-008 60420 2.2562e-007 60421 6.2013e-007 60422 2.8439e-006 60423 1.5812e-007 60424 -8.7237e-006 60425 -5.8348e-006 60426 4.286e-008 60427 6.9669e-006 60428 2.0974e-006 60429 -1.0604e-007 60430 1.938e-008 60431 7.1337e-006 60432 6.1273e-006 60433 -3.1941e-007 60434 -2.8348e-007 60435 4.7111e-006 60436 4.1852e-006 60437 3.9188e-006 60438 -6.2893e-006 60439 -2.1087e-006 60440 1.392e-007 60441 6.1978e-007 60442 1.0143e-006 60443 -3.0852e-006 60444 2.6152e-007 60445 -6.9847e-007 60446 1.9525e-006 60447 4.7961e-007 60448 -5.8658e-006 60449 -1.0396e-005 60450 -3.0593e-006 60451 8.4971e-008 60452 4.5536e-006 60453 4.2295e-007 60454 -8.0226e-006 60455 -5.0314e-006 60456 -5.7118e-006 60457 3.7123e-007 60458 7.4856e-006 60459 6.9659e-006 60460 3.1406e-006 60461 -3.9519e-007 60462 -4.8896e-006 60463 -2.1665e-006 60464 6.7618e-006 60465 1.8923e-006 60466 7.1284e-007 60467 4.5896e-006 60468 -5.8787e-006 60469 -4.0839e-006 60470 -1.9425e-005 60471 -7.1194e-006 60472 -5.6619e-006 60473 -2.9388e-006 60474 7.611e-006 60475 3.266e-006 60476 -4.1298e-006 60477 4.2167e-006 60478 1.3618e-006 60479 6.1918e-006 60480 6.6122e-006 60481 -3.7342e-006 60482 9.1177e-007 60483 -2.1037e-006 60484 3.9534e-006 60485 1.1602e-006 60486 3.4892e-005 60487 -8.1891e-006 60488 -1.0688e-005 60489 -7.1933e-006 60490 -1.388e-007 60491 2.6215e-005 60492 -3.815e-004 60493 1.588e-004 60494 -9.1044e-006 60495 2.1878e-005 60496 1.0371e-005 60497 -6.0003e-004 60498 -3.364e-004 60499 -7.1577e-005 60500 7.7948e-006 60501 3.6598e-005 60502 3.7344e-005 60503 1.2659e-005 60504 3.7594e-005 60505 2.4149e-005 60506 2.0358e-004 60507 2.8826e-004 60508 2.3104e-005 60509 2.4148e-005 60510 -1.7799e-005 60511 6.557e-005 60512 3.4697e-005 60513 6.105e-005 60514 -1.8469e-005 60515 4.109e-005 60516 3.8591e-005 60517 2.0443e-005 60518 4.2456e-005 60519 5.1425e-005 60520 -3.3222e-004 60521 -3.86e-004 60522 -3.4338e-005 60523 3.3388e-005 60524 2.5157e-006 60525 -8.8107e-006 60526 1.0245e-003 60527 5.3573e-004 60528 -5.0651e-005 60529 -5.4733e-005 60530 -2.9799e-005 60531 -2.2744e-005 60532 -3.6462e-005 60533 9.9926e-004 60534 1.7654e-003 60535 1.3619e-004 60536 3.8949e-004 60537 2.2087e-004 60538 -1.2457e-006 60539 -2.2638e-005 60540 -9.9582e-007 60541 -3.7531e-004 60542 -1.4441e-005 60543 1.65e-004 60544 -2.1892e-005 60545 -2.4171e-006 60546 -1.3695e-005 60547 -4.8936e-005 60548 3.5595e-006 60549 -3.1247e-006 60550 2.9913e-005 60551 -3.778e-004 60552 -4.3158e-004 60553 -4.5071e-005 60554 -6.4665e-005 60555 1.6401e-004 60556 -1.2033e-005 60557 -4.7353e-004 60558 -3.1597e-005 60559 1.0006e-004 60560 3.9435e-004 60561 2.2573e-004 60562 3.0011e-005 60563 1.0417e-005 60564 2.391e-004 60565 -5.3537e-004 60566 -3.9845e-004 60567 -8.9734e-004 60568 3.3655e-005 60569 5.7819e-004 60570 -1.9532e-004 60571 -8.1848e-006

60572 -1.2303e-005 60573 -2.381e-005 60574 -3.9595e-004 60575 -3.5087e-005 60576
-6.3422e-004 60577 7.0545e-006 60578 1.6599e-004 60579 1.0361e-003 60580 4.0462e-005
60581 1.7305e-004 60582 -3.9057e-005 60583 -1.8854e-005 60584 2.0983e-004 60585
-4.2772e-004 60586 -3.6497e-004 60587 -6.0323e-004 60588 1.1834e-004 60589 4.1263e-004
60590 5.3599e-004 60591 2.4794e-004 60592 -2.3752e-004 60593 1.9023e-004 60594
8.876e-005 60595 1.6227e-004 60596 -1.5612e-005 60597 -6.1474e-004 60598 -3.511e-004
60599 -9.1667 60600 -27.781 60601 -37.621 60602 0.19342 60603 -1.6729e-002 60604
0.10984 60605 -2.7767e-002 60606 -1.1934e-002 60607 3.6087e-002 60608 -8.8149e-002
60609 7.6353e-002 60610 0.32667 60611 0.80829 60612 -1.2408 60613 0.18906 60614
-0.21607 60615 0.40381 60616 17.33 60617 0.29318 60618 -1.4232 60619 4.1827 60620
4.1568 60621 0.46097 60622 -8.8899 60623 -12.849 60624 -1.3148 60625 -5.2015 60626
-5.4032 60627 -0.56999 60628 5.6039 60629 0.50161 60630 -8.727 60631 0.11652 60632
0.2831 60633 -5.2556e-003 60634 -0.19626 60635 0.38982 60636 6.889e-002 60637 8.3031e-
002 60638 -4.8623e-003 60639 -0.24583 60640 15.438 60641 -0.29965 60642 0.19546 60643
8.9808 60644 0.2096 60645 0.12171 60646 0.74941 60647 -2.2411 60648 -6.7193 60649
2.2907 60650 6.6115 60651 13.194 60652 0.14629 60653 -0.12419 60654 -0.23916 60655
-4.0109 60656 0.62058 60657 6.7945 60658 5.8147 60659 -15.912 60660 23.359 60661
-78.795 60662 7.2981 60663 -3.9558 60664 -21.077 60665 18.195 60666 15.612 60667
-23.152 60668 -10.209 60669 -19.886 60670 -11.134 60671 -34.41 60672 -44.087 60673
-80.988 60674 -29.392 60675 10.171 60676 -56.649 60677 -37.116 60678 -286.25 60679
-292.63 60680 -253.07 60681 2.5302e-002 60682 -5.1101e-003 60683 -2.2886e-002 60684
-6.0104e-004 60685 7.4332e-003 60686 9.3886e-003 60687 3.6467e-003 60688 5.2165e-005
60689 1.2599e-003 60690 -2.8359e-003 60691 8.8007e-003 60692 6.1769e-003 60693
9.867e-004 60694 4.5802e-004 60695 -5.7658e-005 60696 5.5464e-003 60697 1.4337e-002
60698 1.7599e-003 60699 -4.7227e-003 60700 -1.3931e-003 60701 6.9139e-003 60702
1.0535e-003 60703 0.1159 60704 4.0073e-002 60705 -1.0147e-004 60706 3.8e-002 60707
3.0645e-002 60708 3.0218e-002 60709 3.9009e-002 60710 3.2174e-002 60711 4.087e-002
60712 3.1586e-002 60713 4.7387e-002 60714 3.578e-003 60715 6.4913e-003 60716 9.4903e-
003 60717 6.0198e-003 60718 2.7737e-003 60719 -5.2826e-003 60720 -2.513e-002 60721
-3.0514e-002 60722 -8.2285e-003 60723 -1.4408e-002 60724 -1.5949e-002 60725 1.7612e-
003 60726 -3.9807e-003 60727 -7.5753e-003 60728 -2.3162e-003 60729 -6.3675e-003 60730
8.4199e-003 60731 2.9559e-002 60732 7.3755e-003 60733 1.3406e-002 60734 1.298e-002
60735 2.177e-002 60736 1.1892e-002 60737 1.4347e-002 60738 2.1551e-003 60739 8.2161e-
003 60740 7.7894e-003 60741 1.8671e-003 60742 1.3816e-003 60743 8.4987e-004 60744
3.2965e-003 60745 1.6567e-003 60746 1.3821e-004 60747 -8.4943e-003 60748 6.1729e-003
60749 3.4743e-003 60750 5.1387e-003 60751 -8.274e-003 60752 0.10789 60753 0.18755
60754 5.1952e-002 60755 0.35444 60756 0.31075 60757 6.7713e-002 60758 6.4776e-002
60759 9.9988e-002 60760 -3.1005e-002 60761 0.1152 60762 0.72885 60763 3.7719e-002
60764 2.7841e-002 60765 3.9581e-002 60766 3.0157e-002 60767 3.5513e-002 60768
-3.7747e-004 60769 -8.3519e-003 60770 1.5996e-003 60771 2.3657e-003 60772 6.039e-004
60773 1.9618e-004 60774 7.3649e-004 60775 6.4338e-004 60776 -3.5415e-003 60777
1.5536e-002 60778 1.4241e-004 60779 5.6572e-003 60780 2.9586e-003 60781 -1.9449e-004
60782 2.2521e-003 60783 -8.7897e-003 60784 5.2438e-004 60785 2.4545e-003 60786
-3.6514e-002 60787 -2.6675e-002 60788 -3.7084e-002 60789 -2.8457e-002 60790 -2.7333e-
002 60791 -2.7113e-002 60792 -2.9118e-002 60793 -2.9736e-002 60794 -3.8092e-002 60795
-5.8667e-002 60796 -2.9465e-002 60797 -4.2906e-002 60798 -2.6801e-002 60799 -2.8341e-
002 60800 -3.2455e-002 60801 -1.0631e-002 60802 -2.8121e-002 60803 3.1744e-004 60804
1.263e-003 60805 -2.1863e-004 60806 2.0934e-003 60807 -7.1753e-004 60808 1.1616e-003
60809 -5.06e-003 60810 -8.9876e-003 60811 1.0562e-004 60812 -1.3761e-003 60813
3.1046e-003 60814 -1.0308e-002 60815 9.3602e-004 60816 -3.612e-003 60817 -1.8749e-003
60818 -8.4805e-004 60819 1.4646e-003 60820 -1.3922e-003 60821 -2.1536e-003 60822
-5.8766e-003 60823 1.2634e-003 60824 -2.3876e-002 60825 1.6681e-002 60826 1.3824e-002
60827 2.6203e-002 60828 2.4159e-002 60829 9.34e-003 60830 3.2856e-002 60831 1.648e-
002 60832 3.9372e-002 60833 2.8788e-002 60834 2.3254e-002 60835 -4.7053e-003 60836
-1.214e-002 60837 -8.8495e-003 60838 -1.3034e-002 60839 -1.8503e-002 60840 -1.1127e-002
60841 -3.8356e-003 60842 -1.8282e-002 60843 -2.0288e-002 60844 -1.064e-002 60845
8.7001e-003 60846 4.2683e-003 60847 9.9962e-004 60848 4.2899e-003 60849 2.0121e-003

60850 1.2507e-003 60851 -7.1481e-003 60852 2.4997e-003 60853 1.5693e-003 60854
2.8243e-003 60855 1.0625e-003 60856 1.195e-003 60857 2.7107e-003 60858 9.8295e-004
60859 7.9248e-004 60860 3.0702e-004 60861 -2.2472e-004 60862 2.2219e-003 60863
4.9415e-004 60864 -6.1515e-004 60865 -1.854e-003 60866 -1.492e-003 60867 1.4637 60868
3.2727 60869 14.176 60870 1.1283 60871 0.29871 60872 0.74284 60873 0.58145 60874
1.6026 60875 -8.4421 60876 -8.7278 60877 0.28223 60878 -1.8622 60879 -1.9059 60880
-2.1519 60881 -12.382 60882 -2.2476 60883 -6.0194 60884 -5.7742 60885 -0.94512 60886
-4.367e-003 60887 -2.2698e-003 60888 7.2522e-003 60889 -2.523e-003 60890 4.4816e-003
60891 -2.471e-003 60892 -4.639e-003 60893 1.9202e-003 60894 1.9612e-003 60895 1.8681e-
003 60896 6.8819e-003 60897 2.1939e-003 60898 2.2145e-003 60899 2.0459e-003 60900
3.6306e-003 60901 1.7203e-002 60902 1.342e-002 60903 3.645e-003 60904 1.065e-002
60905 2.6589e-002 60906 5.0922e-004 60907 7.8286e-004 60908 -9.8152e-003 60909
-1.547e-002 60910 -6.6698e-004 60911 -3.0645e-003 60912 -4.4395e-003 60913 -7.9343e-004
60914 8.7286e-003 60915 -1.0467e-003 60916 5.7792e-003 60917 -3.409e-004 60918 1.994e-
004 60919 -3.9468e-004 60920 -1.2704e-005 60921 -5.9236e-002 60922 -3.0035e-002 60923
-2.8911e-002 60924 -2.1536e-002 60925 -2.2297e-002 60926 -1.1201e-002 60927 -2.602e-002
60928 -3.717e-002 60929 -3.0696e-002 60930 -3.1314e-002 60931 5.6038 60932 1.3673
60933 6.2006 60934 6.1266 60935 12.374 60936 7.2722 60937 -6.0984 60938 -16.575 60939
-38.479 60940 -19.994 60941 -12.752 60942 -25.094 60943 -10.212 60944 -5.1377 60945
1.2656e-003 60946 2.8223e-003 60947 4.903e-003 60948 1.5168e-003 60949 1.58e-003
60950 -3.1662e-003 60951 2.1567e-004 60952 3.7784e-005 60953 -5.6134e-004 60954
1.2412e-004 60955 -4.0608e-003 60956 4.7113e-004 60957 -4.0528e-004 60958 -2.9771e-004
60959 -2.8519e-003 60960 -3.8775e-004 60961 -9.8688e-004 60962 -2.0832e-004 60963
-3.0142e-004 60964 -4.4863e-003 60965 -8.024e-004 60966 -1.1568e-004 60967 1.8635
60968 0.23583 60969 5.5783e-002 60970 0.31458 60971 8.7797e-002 60972 -2.7175e-002
60973 -4.0007 60974 0.73268 60975 0.83256 60976 5.2364e-004 60977 5.4429e-004 60978
3.7567e-004 60979 -5.8152 60980 -9.774 60981 96.007 60982 1.7599 60983 -2.3285 60984
2.4048 60985 0.82681 60986 -5.6523 60987 -4.196 60988 -16.86 60989 -10.498 60990 -5.8563
60991 -10.253 60992 -3.1445e-003 60993 -7.3294e-003 60994 -2.7975e-003 60995 -6.1837e-
003 60996 -3.6739e-003 60997 -1.0625e-002 60998 -6.1205e-003 60999 -1.4583e-002 61000
7.3257 61001 13.908 61002 0.73809 61003 0.55804 61004 0.86054 61005 0.5738 61006
0.47509 61007 0.3137 61008 1.3348 61009 1.2609 61010 -73.306 61011 -53.029 61012
-36.597 61013 1.5099e-004 61014 -4.4813e-004 61015 2.6751e-004 61016 5.8434e-004
61017 -1.845e-004 61018 -6.2602e-004 61019 1.5255e-004 61020 5.9442e-005 61021
2.3722e-004 61022 -5.3969e-004 61023 -4.7246e-003 61024 -1.0691e-003 61025 -9.6151e-
004 61026 -6.9669e-004 61027 0.92415 61028 3.507 61029 -1.8051 61030 4.264 61031
5.7215 61032 -19.125 61033 86.657 61034 40.292 61035 -15.003 61036 15.717 61037 2.6696
61038 1.84 61039 23.352 61040 3.542 61041 20.038 61042 7.4647 61043 7.3907 61044
13.639 61045 -11.323 61046 -11.55 61047 -25.219 61048 -30.318 61049 -15.436 61050
-55.021 61051 -12.483 61052 34.255 61053 14.047 61054 5.2297e-004 61055 -218.66 61056
-306.54 61057 -305.74 61058 -288.47 61059 -299.73 61060 -220.46 61061 286.5 61062 305.06
61063 207.59 61064 188.5 61065 22.15 61066 -24.215 61067 -142.94 61068 -56.751 61069
-7.7978e-002 61070 -1.42 61071 -1.4421 61072 11.006 61073 -4.508 61074 -11.023 61075
7.0639 61076 7.0418 61077 5.7416 61078 -4.1857e-002 61079 24.149 61080 -6.9924 61081
14.679 61082 19.49 61083 19.25 61084 3.976 61085 -37.384 61086 -28.476 61087 5.6998
61088 -2.7354 61089 -1.3839 61090 -8.3345 61091 3.5502 61092 2.6339 61093 -10.916 61094
-3.881 61095 -2.7575 61096 22.785 61097 -20.375 61098 -8.3566 61099 13.315 61100 -15.867
61101 -16.792 61102 -4.9072 61103 -2.7062 61104 -1.2125 61105 11.51 61106 -9.6568 61107
16.585 61108 1.3116 61109 21.758 61110 8.2232 61111 -3.4014 61112 -6.996 61113 -11.764
61114 -15.44 61115 -17.95 61116 -3.5556 61117 -4.4718 61118 14.23 61119 -0.74168 61120
-3.2669 61121 8.751 61122 30.423 61123 34.993 61124 -21.641 61125 -52.805 61126 -13.242
61127 -43.161 61128 -34.409 61129 -12.737 61130 -8.1668 61131 -30.218 61132 -67.119 61133
-21.466 61134 7.2205 61135 -59.6 61136 -10.27 61137 -13.947 61138 -16.456 61139 -2.9781
61140 0.75201 61141 -19.62 61142 -49.539 61143 -86.44 61144 -40.787 61145 -66.907 61146
-11.222 61147 4.4619 61148 48.36 61149 -15.794 61150 -46.877 61151 -1.2238 61152 25.018
61153 -76.797 61154 -31.143 61155 -57.263 61156 -55.891 61157 39.558 61158 -16.763 61159
14.949 61160 -0.78857 61161 -0.88698 61162 0.50932 61163 8.4919 61164 -68.044 61165

-70.554 61166 -94.164 61167 55.242 61168 39.406 61169 48.785 61170 -40.446 61171 1.2864
61172 0.50009 61173 9.6895e-002 61174 3.8044e-002 61175 0.68298 61176 8.0487 61177
0.36204 61178 -17.09 61179 -15.792 61180 -16.817 61181 -15.519 61182 -13.297 61183
11.221 61184 -9.1064e-002 61185 -0.66909 61186 -2.1401 61187 -0.73368 61188 -0.75856
61189 -1.1154 61190 -1.2138 61191 0.18247 61192 16.431 61193 2.4044 61194 -0.60617
61195 0.18197 61196 0.80185 61197 17.728 61198 3.7018 61199 0.69122 61200 0.10023
61201 1.7275e-002 61202 -3.9562 61203 0.87701 61204 0.80306 61205 -44.804 61206
-33.592 61207 -43.433 61208 2.4443e-002 61209 1.0235 61210 -1.432e-002 61211 0.23709
61212 -0.49447 61213 0.90183 61214 0.11319 61215 -1.4619 61216 -1.5102 61217 -3.6397
61218 -1.5223 61219 15.679 61220 -4.5006 61221 -1.3578 61222 1.155 61223 1.0909 61224
0.96396 61225 0.82979 61226 0.90511 61227 1.55 61228 1.0787 61229 8.9158 61230 4.1697
61231 1.7519e-003 61232 1.4128e-003 61233 1.8448e-003 61234 2.0493e-003 61235 2.41e-
003 61236 2.5066e-003 61237 4.3549e-003 61238 2.2466e-003 61239 2.4101e-003 61240
-9.2508e-002 61241 7.1993e-002 61242 -5.1397e-004 61243 -4.0147e-002 61244 -3.1734e-
003 61245 7.342e-003 61246 -0.19146 61247 -0.32563 61248 4.7561e-002 61249 0.39462
61250 -7.6675e-002 61251 8.7826e-002 61252 -3.8136e-003 61253 -3.6483e-003 61254
-3.977e-003 61255 -4.7501e-003 61256 -3.8909e-003 61257 -3.4875e-003 61258 -6.8042e-003
61259 -3.7964e-003 61260 -5.3852e-003 61261 -4.1597e-003 61262 -3.7211e-003 61263
-1.3676e-003 61264 1.6818e-003 61265 -2.3041e-003 61266 8.2112e-003 61267 4.6997e-004
61268 -3.2896e-004 61269 1.2827e-003 61270 4.0521e-003 61271 3.4694e-003 61272
-5.9889e-004 61273 -1.682e-003 61274 -1.1328e-003 61275 -1.3618e-003 61276 -2.2438e-003
61277 -2.7282e-003 61278 -1.7952e-003 61279 -1.7429e-003 61280 -2.6146e-003 61281
-1.6913e-003 61282 -1.8646e-003 61283 -2.3786e-003 61284 -1.7225e-003 61285 -1.781e-003
61286 -1.2117e-003 61287 -7.6899e-004 61288 -2.1078e-003 61289 -1.8459e-003 61290
-2.1595e-003 61291 -3.0671e-003 61292 -1.9438e-003 61293 -2.2398e-003 61294 -1.9511e-
003 61295 -2.9726e-003 61296 -2.2027e-003 61297 -2.572e-003 61298 2.1474e-003 61299
-2.9354e-005 61300 1.4685e-003 61301 1.3769e-003 61302 1.3547e-003 61303 1.8523e-003
61304 1.9912e-003 61305 6.1287e-004 61306 2.1885e-003 61307 6.406e-004 61308 2.352e-
003 61309 4.0975e-003 61310 3.2775e-003 61311 3.8151e-003 61312 3.6006e-003 61313
3.3919e-003 61314 5.6478e-003 61315 3.2453e-003 61316 5.0651e-003 61317 4.1517e-003
61318 3.4766e-003 61319 3.7034e-003 61320 3.8284e-003 61321 3.378e-003 61322 4.366e-
003 61323 3.2343e-003 61324 2.8617e-003 61325 3.1714e-003 61326 3.7962e-003 61327
3.0679e-003 61328 2.7074e-003 61329 2.5357e-003 61330 1.2181e-003 61331 1.9416e-003
61332 1.9454e-003 61333 2.1154e-003 61334 1.3238e-003 61335 2.1365e-003 61336
1.3318e-003 61337 3.4099e-003 61338 1.8971e-003 61339 -8.1966e-004 61340 -1.8108e-003
61341 -1.4651e-003 61342 -2.0534e-003 61343 -5.3901e-004 61344 -1.65e-003 61345
-8.2292e-004 61346 -4.5666e-004 61347 -1.2255e-003 61348 -1.9476e-003 61349 -1.5583e-
003 61350 -4.0144e-004 61351 -9.3816e-004 61352 8.9032e-004 61353 2.3932e-006 61354
-6.3429e-004 61355 -7.0071e-005 61356 8.9694e-004 61357 -1.2798e-003 61358 -5.1605e-
004 61359 1.2653e-004 61360 -5.8262e-004 61361 -6.3755e-004 61362 6.3965e-004 61363
-3.6804e-004 61364 1.3981e-003 61365 1.0539e-003 61366 2.1854e-003 61367 2.5898e-003
61368 2.7598e-003 61369 1.9682e-003 61370 2.2135e-003 61371 -6.0645e-004 61372
-3.885e-004 61373 -4.9739e-004 61374 -1.5757e-003 61375 -1.1022e-003 61376 -4.4805e-004
61377 -4.3748e-006 61378 -2.7167e-004 61379 -3.5022e-006 61380 -6.2093e-004 61381
-4.5664e-004 61382 -9.963e-004 61383 -1.5491e-003 61384 3.7033e-006 61385 -4.027e-003
61386 -3.1678e-003 61387 -2.1672e-003 61388 -2.3406e-003 61389 -1.2529e-003 61390
-2.0518e-003 61391 -2.8545e-003 61392 -3.0734e-003 61393 -4.6621e-003 61394 -2.5837e-
003 61395 -2.3218e-003 61396 -3.6228e-003 61397 -9.3269e-005 61398 -6.5487e-004 61399
-1.1716e-003 61400 -7.3522e-004 61401 -1.468e-003 61402 -2.794e-004 61403 -6.9805e-004
61404 2.5276e-004 61405 1.7646e-003 61406 5.3338e-004 61407 4.4705e-004 61408
2.2127e-003 61409 2.0887e-003 61410 1.4032e-003 61411 1.2466e-003 61412 1.5369e-005
61413 1.6947e-003 61414 3.3093e-004 61415 8.5356e-004 61416 1.2143e-003 61417
1.5707e-003 61418 -4.9701e-004 61419 8.8518e-004 61420 2.2781e-003 61421 1.8246e-003
61422 8.6515e-004 61423 7.9858e-004 61424 1.9174e-003 61425 1.0292e-003 61426
1.4706e-003 61427 2.0209e-003 61428 1.4078e-003 61429 2.4019e-004 61430 -9.8395e-004
61431 -2.6138e-004 61432 2.8785e-004 61433 -1.3076e-003 61434 3.702e-004 61435
2.0943e-003 61436 1.5272e-003 61437 3.4211e-003 61438 1.8428e-003 61439 2.2265e-003

61440 2.3654e-003 61441 3.0826e-003 61442 -2.713e-004 61443 -4.1579e-004 61444
-7.6171e-004 61445 -3.4267e-004 61446 -1.0206e-003 61447 -3.6644e-004 61448 -2.9368e-
004 61449 6.783e-004 61450 4.3628e-006 61451 2.2516e-004 61452 1.4226e-003 61453
-3.145e-004 61454 6.3905e-004 61455 4.2473e-004 61456 6.4599e-004 61457 1.2044e-003
61458 8.7862e-004 61459 7.304e-004 61460 1.5975e-003 61461 6.2815e-004 61462 1.4538e-
003 61463 1.0813e-003 61464 2.1623e-003 61465 2.0157e-003 61466 2.9221e-003 61467
2.3417e-004 61468 4.232e-004 61469 -2.2778e-005 61470 5.8272e-004 61471 1.1329e-003
61472 -8.8814e-004 61473 -1.6883e-005 61474 -2.4965e-004 61475 -4.0592e-004 61476
-7.8096e-004 61477 -4.7546e-004 61478 -6.749e-004 61479 -1.1836e-003 61480 -5.1145e-004
61481 -1.5163e-003 61482 -3.5947e-004 61483 8.6302e-004 61484 9.5998e-004 61485
1.7688e-003 61486 1.1786e-003 61487 1.087e-003 61488 8.5422e-004 61489 1.5623e-003
61490 8.936e-004 61491 1.2152e-003 61492 6.3548e-004 61493 4.9494e-004 61494 4.1332e-
004 61495 6.6894e-004 61496 5.1513e-005 61497 -3.8561e-004 61498 8.3882e-004 61499
2.8838e-004 61500 2.0689e-004 61501 3.9958e-004 61502 3.9008e-004 61503 6.4102e-004
61504 1.3599e-003 61505 8.1558e-004 61506 4.4531e-004 61507 8.4366e-004 61508
1.1534e-003 61509 2.6514e-004 61510 5.0848e-004 61511 3.0576e-004 61512 8.0628e-004
61513 1.0499e-003 61514 -2.0746e-004 61515 -2.2396e-004 61516 -2.496e-004 61517
-4.4904e-004 61518 -1.8884e-004 61519 -9.5771e-004 61520 -1.6918e-004 61521 -6.7034e-
004 61522 1.9992e-005 61523 3.9183e-005 61524 1.8931e-005 61525 2.2131e-005 61526
-4.3371e-006 61527 1.9994e-005 61528 1.2668e-005 61529 1.8194e-004 61530 6.1155e-004
61531 3.2657e-004 61532 1.617e-004 61533 3.6003e-005 61534 -1.1149e-005 61535
-2.8428e-004 61536 3.968e-005 61537 -2.3518e-005 61538 -2.4247e-004 61539 -1.8171e-004
61540 -9.2693e-005 61541 -1.2648e-004 61542 2.2504e-004 61543 5.4733e-004 61544
3.1456e-004 61545 2.3937e-004 61546 3.5394e-004 61547 5.2768e-005 61548 -2.0809e-004
61549 -1.3726e-004 61550 -6.3451e-004 61551 -2.1546e-004 61552 3.9708e-006 61553
-1.4376e-004 61554 -1.5488e-004 61555 -1.762e-004 61556 -4.2127e-004 61557 -2.0608e-004
61558 -2.5782e-004 61559 -1.6648e-004 61560 -1.1937e-004 61561 1.1625e-004 61562
4.188e-004 61563 2.8626e-004 61564 8.3543e-005 61565 5.8406e-004 61566 3.3553e-005
61567 2.789e-004 61568 1.2356e-004 61569 4.2753e-005 61570 9.7951e-005 61571 3.9179e-
005 61572 2.1252e-004 61573 5.5304e-005 61574 4.6618e-006 61575 8.413e-006 61576
4.8395e-006 61577 7.1088e-005 61578 7.4107e-005 61579 -8.1952e-005 61580 -4.2138e-005
61581 -3.2606e-005 61582 4.1821e-004 61583 4.0161e-005 61584 -1.3449e-005 61585
-5.3352e-005 61586 -8.9122e-005 61587 -1.5074e-005 61588 -1.129e-004 61589 -3.2982e-005
61590 1.7742e-004 61591 1.258e-004 61592 1.0507e-004 61593 1.078e-004 61594 2.3265e-
004 61595 8.4917e-005 61596 1.7591e-004 61597 5.248e-005 61598 2.9582e-004 61599
9.3099e-005 61600 1.1504e-004 61601 1.426e-005 61602 7.2177e-006 61603 -1.1717e-005
61604 -5.3279e-005 61605 -9.3779e-006 61606 7.2056e-006 61607 7.086e-005 61608
3.3456e-004 61609 3.8414e-004 61610 3.0895e-004 61611 3.274e-004 61612 4.4731e-004
61613 4.2352e-004 61614 7.4511e-004 61615 2.608e-004 61616 1.4758e-004 61617 2.4954e-
004 61618 5.0517e-004 61619 -1.1227e-004 61620 5.2026e-005 61621 4.311e-005 61622
2.5159e-004 61623 1.8938e-004 61624 1.9413e-004 61625 6.5961e-005 61626 -1.0744e-005
61627 -1.4047e-004 61628 6.8017e-005 61629 5.7992e-006 61630 1.0553e-005 61631
9.5568e-005 61632 7.5416e-005 61633 4.298e-005 61634 -3.851e-005 61635 1.0776e-004
61636 2.3642e-006 61637 -2.3607e-006 61638 -8.0569e-005 61639 -1.0435e-004 61640
-3.1581e-005 61641 -6.6305e-005 61642 -7.0989e-005 61643 -9.2283e-005 61644 -9.3621e-
005 61645 -1.3384e-004 61646 -8.1414e-005 61647 -8.9943e-005 61648 -3.5892e-004 61649
-1.4373e-004 61650 -1.0424e-004 61651 -1.9547e-004 61652 -5.7022e-005 61653 -1.962e-005
61654 -1.7462e-005 61655 -2.1876e-005 61656 -3.7245e-005 61657 -3.3046e-005 61658
-2.8229e-005 61659 -8.8444e-005 61660 -1.545e-005 61661 3.1428e-005 61662 3.6883e-005
61663 3.87e-005 61664 1.1479e-004 61665 2.347e-004 61666 3.1983e-005 61667 5.3921e-
005 61668 1.6636e-005 61669 9.5842e-006 61670 3.0124e-005 61671 1.3861e-005 61672
1.0288e-005 61673 3.2701e-005 61674 1.7112e-005 61675 2.6413e-005 61676 7.2441e-005
61677 5.2189e-005 61678 2.8921e-005 61679 1.8886e-004 61680 1.1368e-004 61681
-7.2929e-005 61682 6.552e-005 61683 1.0302e-004 61684 -2.9653e-006 61685 -1.6889e-006
61686 -6.2217e-006 61687 -1.2328e-005 61688 8.4475e-006 61689 -1.2846e-005 61690
-5.4408e-005 61691 -1.0507e-005 61692 1.8064e-005 61693 2.5953e-005 61694 1.8863e-005
61695 3.0667e-006 61696 -8.0491e-006 61697 3.5407e-005 61698 6.5781e-007 61699

8.9831e-007 61700 2.2419e-006 61701 -6.0054e-006 61702 3.0418e-006 61703 2.6623e-006
61704 -7.684e-006 61705 -1.9094e-006 61706 -8.2275e-005 61707 -1.7493e-005 61708
-7.2891e-005 61709 -2.6136e-005 61710 -4.9003e-006 61711 -2.0029e-005 61712 -9.2485e-
006 61713 -1.0763e-005 61714 -4.3481e-006 61715 -2.8671e-005 61716 -8.8407e-006 61717
-1.6706e-005 61718 -1.8806e-005 61719 -7.902e-005 61720 -1.3335e-005 61721 -3.9528e-005
61722 -1.4015e-005 61723 -1.1469e-005 61724 -1.0429e-005 61725 -5.7126e-006 61726
-2.0829e-006 61727 -2.5771e-005 61728 -1.6755e-005 61729 -9.4176e-006 61730 1.1468e-
004 61731 1.2885e-004 61732 1.5362e-004 61733 1.7207e-004 61734 2.9197e-004 61735
1.1726e-004 61736 1.0546e-004 61737 1.1097e-004 61738 2.0798e-005 61739 2.1371e-006
61740 1.0484e-005 61741 1.3708e-005 61742 -1.3204e-005 61743 1.3329e-005 61744
2.9827e-006 61745 7.6286e-006 61746 3.6245e-006 61747 5.4408e-006 61748 5.9592e-006
61749 4.1319e-005 61750 2.1707e-005 61751 2.1187e-005 61752 1.4743e-005 61753
1.8373e-005 61754 5.8013e-006 61755 -5.3145e-006 61756 5.3583e-005 61757 9.6795e-005
61758 3.5921e-005 61759 1.7362e-005 61760 -3.0509e-006 61761 8.1077e-006 61762
2.6349e-005 61763 2.901e-006 61764 -1.7171e-005 61765 7.1593e-006 61766 4.3661e-006
61767 -1.6667e-007 61768 1.1297e-006 61769 3.1515e-005 61770 1.0896e-005 61771
2.6117e-005 61772 -1.9546e-007 61773 1.405e-006 61774 -1.9889e-005 61775 -9.6569e-007
61776 -5.9805e-006 61777 2.1632e-006 61778 -5.2223e-006 61779 -1.9743e-005 61780
-1.5658e-006 61781 -5.0109e-006 61782 -5.835e-006 61783 -1.1061e-007 61784 3.4338e-005
61785 3.3818e-005 61786 6.6214e-005 61787 3.3332e-005 61788 1.0943e-004 61789
3.8781e-005 61790 4.8553e-005 61791 1.611e-005 61792 1.8424e-005 61793 3.665e-005
61794 1.3555e-005 61795 5.082e-005 61796 2.3387e-005 61797 3.9228e-005 61798 2.3639e-
005 61799 -2.7379e-005 61800 -1.1801e-005 61801 -9.0784e-006 61802 -6.8595e-006 61803
-1.753e-005 61804 -1.8868e-005 61805 -3.6219e-006 61806 -2.9483e-005 61807 -4.1648e-006
61808 8.9978e-007 61809 -1.5336e-005 61810 2.2604e-006 61811 -1.9749e-005 61812
-4.0682e-006 61813 -2.8804e-007 61814 -2.3976e-005 61815 -7.7889e-006 61816 -3.1429e-
006 61817 2.7299e-005 61818 3.8515e-006 61819 2.9598e-005 61820 6.5025e-006 61821
-2.8153e-005 61822 -2.9491e-005 61823 -1.3913e-005 61824 -1.4245e-005 61825 -4.0106e-
005 61826 -1.4594e-005 61827 -1.0175e-006 61828 2.9118e-006 61829 1.4206e-005 61830
1.3719e-005 61831 1.9168e-005 61832 2.894e-005 61833 1.038e-005 61834 7.2424e-006
61835 8.8163e-006 61836 -1.6997e-006 61837 4.6082e-005 61838 1.8648e-005 61839
7.6369e-006 61840 9.8606e-006 61841 2.2093e-005 61842 4.7839e-005 61843 2.5289e-005
61844 2.0203e-006 61845 3.8619e-005 61846 7.6117e-005 61847 2.4391e-005 61848
-2.1428e-005 61849 1.2958e-006 61850 -9.2202e-006 61851 -5.8496e-006 61852 -3.2042e-
005 61853 1.5171e-005 61854 -3.9831e-006 61855 -3.1265e-006 61856 -8.0385e-005 61857
-2.4091e-005 61858 -2.4915e-005 61859 -5.0777e-005 61860 -6.7381e-006 61861 4.4287e-
006 61862 2.3728e-006 61863 -8.1432e-006 61864 -1.9259e-005 61865 1.1934e-006 61866
3.4172e-006 61867 -2.9061e-006 61868 -1.5629e-005 61869 7.0469e-006 61870 5.2035e-006
61871 2.7042e-005 61872 6.4308e-005 61873 8.9074e-005 61874 3.0302e-005 61875
5.2715e-005 61876 4.0918e-005 61877 4.6427e-005 61878 -5.0667e-005 61879 -1.4849e-004
61880 -5.5182e-004 61881 1.6839e-004 61882 8.2362e-006 61883 -1.8232e-005 61884
-1.2269e-006 61885 5.5865e-005 61886 -7.3327e-006 61887 -9.7759e-004 61888 3.546e-003
61889 2.4143e-003 61890 2.4181e-003 61891 1.7965e-003 61892 9.9759e-004 61893
2.6092e-003 61894 5.3787e-003 61895 2.9762e-003 61896 4.7959e-003 61897 3.8826e-003
61898 2.8512e-003 61899 2.248e-003 61900 1.3887e-003 61901 4.1932e-004 61902 3.3453e-
004 61903 8.3505e-004 61904 6.174e-005 61905 2.2603e-004 61906 1.4235e-003 61907
-3.1363e-004 61908 4.256e-004 61909 -3.0887e-003 61910 -3.0025e-003 61911 -1.4882e-003
61912 -2.5991e-003 61913 -5.9159e-003 61914 -3.0836e-003 61915 -1.4058e-003 61916
-2.8968e-003 61917 -2.8328e-003 61918 -1.8873e-003 61919 -1.3851e-003 61920 -4.9286e-
004 61921 -9.1151e-004 61922 -2.5739e-004 61923 1.9342e-004 61924 -1.8462e-004 61925
-9.9282e-004 61926 -8.9984e-004 61927 -3.914e-004 61928 2.3162e-004 61929 8.0608e-004
61930 -9.3106e-004 61931 -1.4839e-003 61932 -4.0031e-004 61933 1.0805e-004 61934
1.5143e-003 61935 8.052e-004 61936 1.924e-003 61937 2.3259e-003 61938 4.2407e-004
61939 -6.6237e-004 61940 -1.3715e-003 61941 -6.8461e-004 61942 -2.2535e-003 61943
-1.4264e-003 61944 1.4917e-004 61945 -1.7526e-003 61946 1.0968e-003 61947 1.2917e-003
61948 2.5651e-003 61949 4.9395e-004 61950 1.0523e-003 61951 1.1382e-003 61952
1.5913e-003 61953 1.9011e-003 61954 2.5258e-003 61955 1.5539e-003 61956 1.7975e-003

61957 -1.337e-003 61958 -1.2143e-003 61959 -2.0551e-004 61960 -1.5103e-003 61961
-1.2216e-003 61962 -7.5595e-004 61963 -1.1071e-003 61964 -1.4731e-003 61965 -1.921e-003
61966 -1.8425e-003 61967 7.7068e-004 61968 -9.8756e-004 61969 -1.046e-003 61970
-3.4012e-005 61971 -1.3728e-003 61972 -1.1109e-003 61973 -2.4119e-003 61974 -6.4051e-
002 61975 -3.1776e-002 61976 -4.6595e-002 61977 -5.7745e-002 61978 -0.16277 61979
2.3888e-004 61980 4.1666e-004 61981 -4.0391e-003 61982 5.1596e-003 61983 4.7153e-004
61984 3.2355e-004 61985 -1.6445e-003 61986 0.23844 61987 0.2355 61988 -0.30441 61989
0.13972 61990 -2.1661e-002 61991 -2.4399e-002 61992 -2.2687e-002 61993 0.19181 61994
0.211 61995 -13.458 61996 9.6031e-002 61997 -3.6757 61998 0.85588 61999 -0.72213 62000
1.3985 62001 -1.6015e-002 62002 -0.14701 62003 -0.30839 62004 2.0558e-002 62005
2.4131e-002 62006 3.0784e-002 62007 3.73e-002 62008 2.6716e-002 62009 -3.0662e-003
62010 2.1929e-003 62011 -1.8584e-003 62012 -4.5401e-003 62013 -4.5685e-003 62014
-1.3472e-002 62015 -5.039e-003 62016 1.2776e-002 62017 2.1566e-002 62018 1.4143e-002
62019 1.4609e-004 62020 1.703e-003 62021 1.5564e-003 62022 9.2985e-006 62023 1.9725e-
006 62024 -4.1333e-006 62025 -2.5922e-005 62026 -5.2115e-005 62027 -4.901e-006 62028
-2.3199e-005 62029 -6.5693e-006 62030 4.1212e-005 62031 2.7673e-006 62032 1.7822e-005
62033 -1.3321e-006 62034 142.11 62035 109.58 62036 90.481 62037 86.819 62038 254.14
62039 123.08 62040 2.08e-003 62041 1.3717e-002 62042 2.0052e-002 62043 2.3095e-002
62044 1.7353e-002 62045 3.1792e-002 62046 2.2507e-002 62047 2.7724e-002 62048
-1.762e-002 62049 -2.1734e-002 62050 -3.9871e-003 62051 -1.74e-002 62052 -1.0704e-002
62053 -1.1785e-002 62054 -4.4937e-003 62055 -1.4504e-003 62056 -7.1923e-003 62057
-5.5278e-003 62058 -1.8941e-002 62059 -2.0946e-002 62060 -1.2586e-002 62061 1.6357e-
003 62062 2.9376e-003 62063 -1.6104e-003 62064 1.266e-004 62065 -1.0089e-003 62066
-4.6271e-003 62067 -8.3502e-003 62068 1.0826e-002 62069 -6.0375e-003 62070 1.1026e-003
62071 7.8764e-003 62072 -5.1713e-003 62073 2.8817e-003 62074 5.925e-003 62075
1.8313e-004 62076 -8.8944e-003 62077 -1.7543e-003 62078 1.0554e-002 62079 -1.357e-002
62080 -3.9223e-003 62081 -0.14995 62082 1.1526 62083 1.7577e-002 62084 1.0625e-002
62085 3.3517e-002 62086 2.2933e-002 62087 1.7398e-002 62088 -42.418 62089 -14.152
62090 -13.907 62091 7.0969e-005 62092 -2.4832e-003 62093 5.4834e-004 62094 1.4559e-
003 62095 -1.3551e-003 62096 -5.2205e-004 62097 -4.1447e-004 62098 -1.4965e-004 62099
-9.6557e-003 62100 -1.0374e-002 62101 -2.0806e-002 62102 -5.8694e-003 62103 -1.4331e-
002 62104 6.5206e-004 62105 -7.8641e-003 62106 -8.0545e-004 62107 -3.3596e-003 62108
-190.61 62109 -105.92 62110 -111.02 62111 -21.224 62112 -4.016 62113 -24.901 62114
-10.506 62115 3.8512 62116 0.95887 62117 1.2103 62118 0.47871 62119 1.0722 62120 9.8576
62121 1.0864 62122 -0.10379 62123 0.1725 62124 4.8601e-002 62125 0.14763 62126
-0.38973 62127 0.33052 62128 -0.14077 62129 2.3726e-002 62130 1.4705e-003 62131
5.8226e-004 62132 2.0357e-003 62133 2.1323e-003 62134 1.0237e-003 62135 9.6086e-004
62136 1.7066e-003 62137 -2.541e-003 62138 -2.7598e-003 62139 -4.3486e-003 62140
-3.1231e-003 62141 -1.5712e-003 62142 -1.9899e-003 62143 -8.8493e-004 62144 -3.3092e-
003 62145 -6.2446e-003 62146 -4.8256e-003 62147 -3.6e-003 62148 -3.1615e-003 62149
-2.216e-003 62150 -1.4958e-003 62151 5.5518e-003 62152 -4.1043e-003 62153 -2.9884e-003
62154 -2.1321e-003 62155 -3.7009e-003 62156 -7.0177e-003 62157 -5.5986e-003 62158
-4.1854e-003 62159 -3.2523e-003 62160 -1.0383e-003 62161 8.0998e-004 62162 -3.2001e-
003 62163 -1.1348e-003 62164 -9.2804e-004 62165 -9.9461e-004 62166 -7.6397e-004 62167
-2.361e-003 62168 -1.428e-003 62169 2.8891e-003 62170 5.3336e-003 62171 3.7451e-003
62172 3.3888e-003 62173 2.7856e-003 62174 1.1908e-002 62175 9.477e-003 62176 1.1325e-
002 62177 3.4459e-003 62178 2.8135e-003 62179 3.1742e-003 62180 5.1191e-003 62181
3.5306e-003 62182 2.8451e-003 62183 -2.4179e-003 62184 -2.1291e-003 62185 -2.8417e-003
62186 -3.1507e-003 62187 -2.0147e-003 62188 -3.1393e-003 62189 -3.0753e-003 62190
-2.75e-003 62191 -1.1253e-004 62192 2.9194e-004 62193 4.6193e-004 62194 -1.4173e-003
62195 -3.2966e-004 62196 -1.1286e-003 62197 -1.2752e-003 62198 -3.2165e-004 62199
-1.8281e-003 62200 -1.3985e-003 62201 -6.0779e-004 62202 -3.7716e-004 62203 6.4275e-
005 62204 6.1448e-004 62205 8.3552e-004 62206 1.3108e-003 62207 1.4497e-003 62208
6.4213e-004 62209 9.9177e-005 62210 -3.601e-004 62211 -5.4027e-004 62212 -8.914e-004
62213 -7.8534e-004 62214 -1.2574e-003 62215 -6.2189e-004 62216 -5.3054e-004 62217
-1.6268e-003 62218 -2.3602e-004 62219 -2.7538e-005 62220 1.824e-003 62221 1.4476e-003
62222 2.3821e-003 62223 3.2885e-003 62224 1.6539e-003 62225 1.4234e-003 62226

2.8616e-006 62227 1.047e-003 62228 4.6848e-004 62229 1.2532e-003 62230 4.3681e-006
62231 -1.6463e-007 62232 5.1116e-004 62233 1.2192e-003 62234 -2.0144e-005 62235
5.5053e-004 62236 2.4936e-004 62237 -9.5702e-005 62238 -1.8426e-004 62239 -1.115e-004
62240 -1.0434e-004 62241 -7.8046e-005 62242 -1.4759e-004 62243 -3.4703e-004 62244
-6.5653e-005 62245 -6.7168e-005 62246 2.1926e-006 62247 1.4039e-005 62248 3.0164e-005
62249 1.3065e-004 62250 2.032e-004 62251 2.2164e-004 62252 9.8647e-004 62253 9.8213e-
005 62254 -2.5292e-004 62255 3.4155e-004 62256 3.1776e-004 62257 6.3935e-004 62258
1.6593e-005 62259 1.5504e-004 62260 1.4129e-005 62261 3.1051e-005 62262 3.5805e-005
62263 -2.8201e-005 62264 3.0696e-005 62265 7.3908e-005 62266 -4.9522e-005 62267
-1.9185e-005 62268 -7.94e-005 62269 -3.9908e-005 62270 7.3064e-006 62271 -1.1848e-005
62272 -3.0301e-005 62273 -9.0516e-005 62274 -2.2964e-005 62275 1.2169e-004 62276
5.1044e-005 62277 6.6885e-005 62278 5.1296e-005 62279 5.5088e-005 62280 1.8162e-005
62281 2.7934e-005 62282 6.9237e-005 62283 2.4257e-004 62284 7.9854e-005 62285
8.5362e-005 62286 1.2063e-003 62287 4.0733e-004 62288 1.4515e-003 62289 1.6577e-003
62290 -1.3273e-003 62291 -1.8118e-003 62292 -1.3405e-004 62293 1.3763e-003 62294
4.3071e-004 62295 1.3843e-003 62296 1.9496e-003 62297 4.4449e-004 62298 -4.4373e-004
62299 -1.1077e-003 62300 -1.0555e-003 62301 -1.3019e-003 62302 -2.1046e-003 62303
-2.3234e-003 62304 -9.3772e-004 62305 -1.1348e-003 62306 -1.5535e-003 62307 -2.1427e-
004 62308 1.3974e-003 62309 5.9267e-004 62310 -4.842e-004 62311 -0.13075 62312 -3.9025
62313 -4.1043 62314 0.6291 62315 0.72898 62316 -0.94892 62317 7.4748e-003 62318
5.4853e-003 62319 1.249e-002 62320 -4.2734e-003 62321 1.7846e-002 62322 3.3693e-003
62323 1.0518e-002 62324 1.4406e-003 62325 2.4957e-002 62326 1.5672e-002 62327
2.0889e-002 62328 9.9302e-003 62329 1.5147e-002 62330 -6.2387e-003 62331 -2.4529e-002
62332 -1.5688e-004 62333 -1.7257e-003 62334 -5.4758e-004 62335 -8.9871e-004 62336
-1.2249e-003 62337 8.4039e-004 62338 2.3716e-004 62339 -1.6341e-003 62340 4.9795e-003
62341 1.4054e-003 62342 3.4834e-003 62343 1.9707e-003 62344 3.2849e-004 62345
-2.8374e-003 62346 -4.4261e-003 62347 -1.4517e-003 62348 -2.3477e-003 62349 -1.6487e-
003 62350 -3.3868e-003 62351 1.1314e-003 62352 -4.2385e-005 62353 -4.2081e-004 62354
1.7932e-003 62355 3.6415e-003 62356 1.5332e-003 62357 -3.6859e-004 62358 1.6967e-003
62359 6.7512e-004 62360 1.1135e-005 62361 2.2251e-003 62362 1.9652e-003 62363
6.3357e-005 62364 -8.7708e-004 62365 1.3369e-003 62366 2.2834e-004 62367 -1.3649e-003
62368 -3.5288e-004 62369 -1.6917e-003 62370 -1.8593e-003 62371 -5.755e-003 62372
-2.9227e-003 62373 -1.6113e-003 62374 -1.9897e-003 62375 -1.9375e-003 62376 2.0096e-
003 62377 1.2813e-003 62378 2.8481e-004 62379 1.0403e-004 62380 9.83e-005 62381
2.3863e-005 62382 3.403e-006 62383 3.5426e-005 62384 -1.0369e-004 62385 -3.0313e-004
62386 4.6094e-005 62387 8.063e-004 62388 1.8335e-003 62389 4.5517e-004 62390 2.5506e-
003 62391 1.3474e-003 62392 2.1943e-003 62393 1.591e-003 62394 5.4931e-003 62395
3.0906e-003 62396 4.9103e-003 62397 3.997e-003 62398 -4.3309e-004 62399 -1.6345e-004
62400 7.0278e-004 62401 2.3331e-003 62402 4.2779e-003 62403 2.1697e-003 62404
2.6895e-003 62405 6.218e-004 62406 2.3332e-003 62407 -7.6528e-003 62408 -6.2395e-003
62409 -4.645e-003 62410 -3.4195e-003 62411 -1.8676e-003 62412 -2.2863e-003 62413
-1.8039e-004 62414 -2.5247e-002 62415 -1.0311e-002 62416 -1.8773e-002 62417 -1.9391e-
002 62418 4.017e-002 62419 2.9586e-002 62420 -5.0082e-003 62421 -5.1944e-003 62422
-2.4741e-003 62423 2.7903e-003 62424 4.6386e-003 62425 2.3647e-003 62426 7.1662e-003
62427 6.2529e-003 62428 -1.1104e-003 62429 9.5488e-004 62430 3.5165e-004 62431
-1.5196e-003 62432 6.7292e-004 62433 -1.4888e-003 62434 -8.5407e-004 62435 -1.7501e-
003 62436 -2.7892e-003 62437 4.7352e-003 62438 2.4613e-003 62439 -1.2052e-003 62440
7.8019e-003 62441 6.4931e-004 62442 -1.3187e-003 62443 1.8964e-005 62444 -9.9823e-004
62445 -5.2493e-004 62446 -2.7936e-004 62447 -5.3076e-003 62448 1.3886e-003 62449
-0.85124 62450 7.8539e-003 62451 2.0162e-002 62452 5.6859e-003 62453 -50.937 62454
-36.056 62455 2.0276 62456 -20.112 62457 -32.453 62458 -17.572 62459 -57.157 62460
-14.618 62461 -12.497 62462 1.321e-002 62463 -1.2667e-003 62464 -3.252e-003 62465
-4.3305e-004 62466 -2.0743e-002 62467 -2.9205e-002 62468 -2.9823e-002 62469 -1.1809e-
003 62470 -4.819e-004 62471 2.0439e-004 62472 -2.2199e-003 62473 -21.68 62474 -9.4723
62475 -103.35 62476 25.764 62477 -22.202 62478 1.22e-003 62479 6.0694e-004 62480
-13.016 62481 19.164 62482 -63.418 62483 -73.259 62484 -23.917 62485 18.819 62486
10.376 62487 24.176 62488 -62.046 62489 14.931 62490 -5.2485 62491 -0.9408 62492

0.45551 62493 8.4381 62494 -0.33314 62495 0.60681 62496 7.9725 62497 0.28587 62498
0.30002 62499 3.8504e-003 62500 2.02e-004 62501 7.0252e-004 62502 -7.3813e-004 62503
1.166e-003 62504 -4.7619e-004 62505 -3.7267e-004 62506 -1.1246e-004 62507 -8.8134e-004
62508 -2.3449e-005 62509 -5.7237e-005 62510 4.9951e-003 62511 4.6387e-003 62512
-1.0808e-003 62513 -4.0865e-004 62514 -1.4135e-003 62515 -4.2342e-006 62516 -1.034e-005
62517 -1.5239e-005 62518 -3.9562e-005 62519 -1.0874e-005 62520 -8.15e-005 62521
-1.3948e-005 62522 3.4475e-003 62523 17.324 62524 -8.2057e-004 62525 3.5282e-006
62526 -5.332e-004 62527 -2.3115e-003 62528 -1.9222e-003 62529 -7.6534e-004 62530
-1.3021e-003 62531 -5.8186e-004 62532 -4.0175 62533 0.61401 62534 -25.211 62535 -5.2549
62536 -22.671 62537 -62.256 62538 15.413 62539 -1.0567e-003 62540 9.1667e-004 62541
-8.111e-004 62542 2.904e-004 62543 1.6355e-003 62544 -3.3595 62545 -11.516 62546
3.6102e-002 62547 1.1041e-002 62548 -3.9529e-003 62549 -2.2159e-003 62550 6.6996e-004
62551 -0.30404 62552 -2.9027 62553 -105.69 62554 98.941 62555 3.8117e-006 62556
-2.5116e-006 62557 143.81 62558 -9.2909 62559 -22.971 62560 -1.0222e-004 62561 14.82
62562 -26.541 62563 35.266 62564 199.16 62565 -41.814 62566 3.2762 62567 -5.1671 62568
-8.5978 62569 26.904 62570 42.348 62571 0.35709 62572 8.3397 62573 -0.43155 62574
54.274 62575 90.291 62576 -35.73 62577 -0.51663 62578 -0.14344 62579 -0.44131 62580
0.20362 62581 2.8233 62582 -1.815e-003 62583 -3.116e-003 62584 7.2945e-006 62585
-2.417e-003 62586 -0.27761 62587 -0.40185 62588 1.9321 62589 -3.3801 62590 2.6891 62591
4.1465 62592 2.659e-005 62593 -2.8654e-002 62594 -3.6537e-005 62595 -1.1024e-005 62596
-7.6209e-006 62597 2.4277e-004 62598 -1.3527e-004 62599 -2.9696e-003 62600 -2.6443e-
003 62601 -2.0241e-003 62602 -1.3039e-003 62603 4.6519e-004 62604 2.5305e-003 62605
3.0503e-003 62606 -2.9578e-006 62607 -1.7307e-003 62608 1.3998 62609 7.6477 62610
-3.6454e-005 62611 1.1571e-003 62612 1.1457e-004 62613 4.998e-004 62614 -3.7217e-005
62615 -1.5516e-005 62616 -1.0675e-004 62617 -2.2974e-006 62618 5.2349e-005 62619
3.9704e-005 62620 4.9004e-005 62621 -2.3348e-002 62622 0.14477 62623 -0.61261 62624
7.5105 62625 2.7644 62626 -1.3596e-005 62627 1.1729e-003 62628 -1.9601e-003 62629
-1.2399e-003 62630 2.0908e-003 62631 9.57e-004 62632 -1.4369 62633 -73.042 62634 -41.49
62635 -61.743 62636 0.3184 62637 8.1554 62638 0.46876 62639 0.48291 62640 -3.591e-003
62641 -320.23 62642 -2.8541e-003 62643 -3.1311 62644 1.1612e-002 62645 7.5737 62646
-2.9449e-004 62647 7.3981 62648 2.652 62649 32.329 62650 7.552 62651 -17.983 62652
37.611 62653 -296.63 62654 -412.21 62655 -80.467 62656 -38.231 62657 -21.187 62658
-70.327 62659 -109.65 62660 8.7193 62661 -0.91056 62662 -12.701 62663 16.007 62664
-0.79718 62665 6.7294 62666 -50.662 62667 10.775 62668 -122.08 62669 -89.081 62670
20.224 62671 17.213 62672 8.9332 62673 0.16197 62674 7.4079e-002 62675 40.435 62676
-41.305 62677 128.14 62678 109.04 62679 -19.587 62680 -184.92 62681 7.4864 62682 11.58
62683 -82.476 62684 -38.843 62685 -128.07 62686 221.48 62687 390.66 62688 8.9474 62689
-71.513 62690 -359.69 62691 -228.97 35622 12.805 35623 -0.69938 35624 19.57 35625
-6.4831 35626 19.885 35627 0.59113 35628 -0.59447 35629 -17.912 35630 -15.781 35631
-3.9709 35632 -3.6391 35633 7.9421 35634 -8.9263 35635 -23.618 35636 6.8887 35637
11.451 35638 2.3808 35639 3.3842 35640 -27.09 35641 20.79 35642 -28.301 35643 -0.39851
35644 -1.0274 35645 9.0804 35646 17.179 35647 -2.6945 35648 -0.33669 35649 -8.8436
35650 13.905 35651 25.003 35652 1.9193 35653 -12.872 35654 13.629 35655 0.2541 35656
-143.37 35657 -88.087 35658 -139.1 35659 -132.76 35660 -21.563 35661 -78.398 35662
9.5944 35663 -2.73 35664 123.79 35665 54.921 35666 164.57 35667 115.75 35668 33.736
35669 -3.3479 35670 4.2543 35671 94.263 35672 -4.4064 35673 -65.719 35674 76.414 35675
104.67 35676 -93.315 35677 9.1266 35678 -7.253 35679 -13.547 35680 3.0108 35681 9.9711
35682 -4.2466 35683 -17.695 35684 13.623 35685 11.905 35686 -1.0346 35687 -1.0922 35688
2.3445 35689 6.7798 35690 -19.019 35691 10.165 35692 9.8463 35693 10.783 35694 35.243
35695 -1.3198 35696 2.0986 35697 7.6717 35698 33.492 35699 -10.163 35700 25.551 35701
17.712 35702 -1.1725 35703 -2.2573 35704 0.23081 35705 7.318 35706 -1.6268 35707
-7.4672 35708 12.461 35709 8.3657 35710 0.13232 35711 -0.67443 35712 -0.75375 35713
3.7466e-002 35714 -2.1284 35715 8.0221 35716 21.945 35717 0.32494 35718 -7.2973e-002
35719 -14.096 35720 -0.28139 35721 4.1359 35722 -5.1372 35723 -24.298 35724 5.589 35725
0.27751 35726 -1.1245 35727 -12.906 35728 1.3638 35729 4.9747 35730 -1.2812 35731
-12.151 35732 4.6561 35733 0.36757 35734 -0.67597 35735 -8.2286 35736 -0.82695 35737
8.5883 35738 -11.97 35739 -3.3576 35740 0.50798 35741 0.61115 35742 3.246 35743 -1.8141

35744 -0.31242 35745 11.128 35746 -1.993 35747 -1.2942 35748 5.1921e-002 35749 -29.868
35750 -29.663 35751 -10.236 35752 34.18 35753 199.38 35754 175.02 35755 84.522 35756
50.608 35757 -36.459 35758 -12.311 35759 -21.727 35760 -64.301 35761 225.27 35762
192.34 35763 144.99 35764 63.948 35765 -3.8466e-006 35766 -2.7893e-005 35767 -7.0431e-
009 35768 -6.499e-007 35769 157.17 35770 -164.55 35771 -47.97 35772 8.3984 35773 65.061
35774 -125.81 35775 2.5443e-005 35776 1.734e-005 35777 -3.7995e-006 35778 8.5281e-006
35779 -126.13 35780 -2.2037 35781 -305.62 35782 -373.99 35783 -305.21 35784 -407.94
35785 -383.21 35786 -393.47 35787 -405.69 35788 332.99 35789 -273.69 35790 -33.531
35791 222.97 35792 419.55 35793 387.51 35794 375.72 35795 410.96 35796 436.35 35797
375.63 35798 384.38 35799 357.12 35800 436.8 35801 0.39313 35802 431.88 35803 378.25
35804 167.75 35805 86.705 35806 -92.784 35807 -224.84 35808 -377.25 35809 -290.11 35810
1.802 35811 -35.095 35812 -33.894 35813 -12.946 35814 -142.46 35815 -197.36 35816 -217.4
35817 -215.64 35818 -264.41 35819 -93.344 35820 -121.16 35821 142.91 35822 60.839 35823
0.87718 35824 -118.25 35825 168.22 35826 157.55 35827 90.52 35828 256.53 35829 214.64
35830 164.82 35831 157.9 35832 150.38 35833 189.77 35834 -70.31 35835 -147.09 35836
-85.412 35837 -22.502 35838 35.833 35839 71. 35840 144.19 35841 158. 35842 -753. 35843
599.07 35844 -304.93 35845 -364.67 35846 -30.109 35847 162.85 35848 -1.8401 35849
702.31 35850 379.56 35851 221.96 35852 190.89 35853 704.29 35854 258.35 35855 193.44
35856 157.98 35857 2.1835 35858 117.75 35859 -85.475 35860 210.97 35861 331.93 35862
-251.61 35863 -569.79 35864 480.6 35865 -185.17 35866 -609.11 35867 -335.82 35868 -68.06
35869 -145.18 35870 -32.567 35871 -135.65 35872 -88.607 35873 -567.35 35874 -581.67
35875 -386.82 35876 -20.885 35877 423.78 35878 2.6993 35879 -237.83 35880 246.61 35881
302.89 35882 -277.37 35883 1434.5 35884 83.437 35885 -886.45 35886 29.952 35887 927.78
35888 -686.22 35889 -735.48 35890 978.74 35891 1246.4 35892 138.25 35893 -983.97 35894
54.092 35895 850.29 35896 -607.81 35897 -786.3 35898 851.23 35899 909.03 35900 -95.044
35901 -1195.8 35902 -65.818 35903 582.22 35904 -796.99 35905 -1092.9 35906 688.16 35907
1175.7 35908 60.075 35909 -1259.2 35910 33.263 35911 1097.2 35912 -1007.9 35913 -823.68
35914 820.67 35915 1703.3 35916 70.495 35917 -1126. 35918 -89.974 35919 1501. 35920
-1086.3 35921 -1148.6 35922 977.76 35923 1471.4 35924 180.09 35925 -1176. 35926 -57.871
35927 1067.2 35928 -1150.9 35929 -1006.1 35930 994.76 35931 1536. 35932 103.99 35933
-1015.2 35934 30.312 35935 989.15 35936 -1352.7 35937 -908.85 35938 861.34 35939 1449.8
35940 86.353 35941 -1216.5 35942 29.692 35943 913.6 35944 -810.87 35945 -1218.3 35946
918.93 35947 1411.9 35948 -9.3329 35949 -1025.5 35950 136.69 35951 732.11 35952 -953.78
35953 -1059.9 35954 893.49 35955 -44.85 35956 -126.02 35957 -149.85 35958 -160.77 35959
193.98 35960 -107.36 35961 38.963 35962 65.008 35963 65.685 35964 -53.089 35965 -11.422
35966 -18.313 35967 -9.3474 35968 -3.9708 35969 -49.94 35970 7.4342 35971 5.3581 35972
-5.5019 35973 -1.4384 35974 5.2267 35975 33.718 35976 -5.3861 35977 -8.953 35978 0.2985
35979 31.192 35980 -28.463 35981 16.534 35982 24.58 35983 78.794 35984 167.53 35985
293.33 35986 451.5 35987 786.64 35988 67.254 35989 141.23 35990 264.24 35991 390.43
35992 802.43 35993 63.326 35994 140.74 35995 269.27 35996 429.07 35997 798.39 35998
95.615 35999 189.47 36000 321.41 36001 486.92 36002 933.87 36003 152.24 36004 281.21
36005 456.11 36006 739.96 36007 1217.7 36008 138.09 36009 268.52 36010 460.81 36011
637.24 36012 990.55 36013 247. 36014 632.6 36015 264.22 36016 681.39 36017 296.36
36018 687.64 36019 -459.81 36020 -409.98 36021 -2.5976 36022 18.766 36023 1.9646 36024
0.27133 36025 -3.8262 36026 12.038 36027 17.841 36028 -2.6001 36029 4.6023 36030
6.0509 36031 17.681 36032 18.61 36033 2.0914 36034 17.331 36035 -0.39492 36036 0.253
36037 2.2103 36038 25.204 36039 -23.266 36040 -10.395 36041 -21.363 36042 -14.213 36043
-21.59 36044 3.256 36045 0.9341 36046 3.668 36047 5.0477 36048 -186.54 36049 -156.58
36050 -3.1443e-011 36051 3.6622 36052 186.46 36053 147.45 36054 -40.947 36055 -10.818
36056 -49.311 36057 -230.91 36058 -413.35 36059 -363.49 36060 -461.02 36061 -437.29
36062 -361.75 36063 400.46 36064 454.48 36065 416.48 36066 359.85 36067 402.01 36068
291.88 36069 468.86 36070 169.22 36071 -142.71 36072 -164.73 36073 -88.994 36074
-7.3026 36075 54.247 36076 126.42 36077 146.55 36078 -52.006 36079 -40.122 36080
0.14726 36081 -1.5878 36082 49.883 36083 38.153 36084 -4.0168e-009 36085 3.2856 36086
-24.138 36087 -20.111 36088 119.85 36089 149.79 36090 130.56 36091 109.5 36092 65.579
36093 52.987 36094 31.417 36095 -12.171 36096 -28.068 36097 -31.327 36098 -31.741 36099
-53.52 36100 -26.898 36101 -59.501 36102 37.136 36103 -24.694 36104 110.01 36105 76.402

36106 52.916 36107 -159.49 36108 -117.16 36109 -5.9872 36110 32.611 36111 -3.3024 36112 77.823 36113 3.4775e-008 36114 3.4175 36115 3.1527e-002 36116 0.10905 36117 0.54554 36118 2.856e-002 36119 -0.24793 36120 0.72647 36121 4.0918 36122 -1.7738 36123 -0.8305 36124 1.8796 36125 -1.9881 36126 0.14864 36127 -9.2297 36128 2.9924 36129 -0.24372 36130 3.6209 36131 0.42541 36132 -4.1762e-003 36133 -0.60711 36134 7.4265 36135 0.99952 36136 -0.64106 36137 1.7833e-007 36138 0.61033 36139 -0.1632 36140 3.4156 36141 -0.58991 36142 -7.524e-008 36143 -2.0522 36144 -4.6555 36145 2.9223 36146 6.0768 36147 -2.531 36148 0.50775 36149 2.3655 36150 5.3391 36151 0.74159 36152 -0.35311 36153 -9.4327 36154 2.384 36155 -2.1088 36156 -0.58205 36157 -0.3506 36158 -2.0346 36159 8.8829 36160 0.90259 36161 -0.47894 36162 -4.1156e-002 36163 0.26445 36164 -0.27058 36165 -0.53124 36166 -1.3328 36167 1.7114 36168 0.12444 36169 -2.6108 36170 1.8855 36171 -2.7837 36172 2.1474 36173 1.5714 36174 -0.13408 36175 2.1895 36176 3.6451e-002 36177 -0.84446 36178 0.55097 36179 0.3516 36180 -6.2345 36181 -0.19938 36182 7.1461 36183 -0.30522 36184 8.6362e-002 36185 -0.36078 36186 0.76524 36187 -5.8373 36188 0.20871 36189 0.31563 36190 -6.1189e-008 36191 -0.97085 36192 -9.7758 36193 -0.29545 36194 0.25271 36195 3.3087 36196 -2.075 36197 -0.35073 36198 0.61824 36199 -2.2633 36200 -0.77471 36201 3.6457 36202 -2.1318 36203 -1.073e-008 36204 -0.85651 36205 0.81094 36206 -0.57423 36207 0.26019 36208 -10.617 36209 2.9449 36210 1.1157 36211 -5.0914e-002 36212 -8.1846 36213 -1.7325 36214 1.4424 36215 2.2718e-007 36216 0.89104 36217 -0.59769 36218 -0.6216 36219 0.7767 36220 -1.6106e-008 36221 -1.0764 36222 -2.5663e-008 36223 3.1312 36224 -9.1633 36225 31.419 36226 0.57586 36227 -2.6843e-002 36228 -0.94102 36229 -0.24724 36230 1.4749 36231 -11.811 36232 -0.7803 36233 3.6463 36234 -1.0773 36235 1.7909e-002 36236 7.9698 36237 -7.9279e-003 36238 8.2601e-002 36239 -17.177 36240 -0.25128 36241 5.6427e-002 36242 -13.023 36243 1.1453e-002 36244 2.9831e-002 36245 -9.1865 36246 -7.0745 36247 -29.924 36248 5.2929e-004 36249 2.0994 36250 0.72065 36251 -7.5482 36252 -1.7298 36253 1.9834 36254 0.27619 36255 2.4611e-002 36256 16.376 36257 10.591 36258 9.9736 36259 22.151 36260 7.6642 36261 -2.6518 36262 -0.48409 36263 -1.7972e-002 36264 -0.31152 36265 4.3393 36266 0.35587 36267 -1.1096e-002 36268 16.793 36269 0.60831 36270 -1.4125 36271 -5.2504 36272 5.4614 36273 1.6927 36274 -3.3898 36275 -2.0426 36276 -0.52022 36277 52.053 36278 -88.689 36279 -107.06 36280 18.815 36281 7.2861 36282 14.535 36283 32.167 36284 -16.651 36285 0.52554 36286 -262.76 36287 292.77 36288 10.389 36289 -7.8089 36290 -82.185 36291 -32.211 36292 49.154 36293 29.512 36294 -122.3 36295 112.51 36296 51.753 36297 -341.52 36298 -388.79 36299 214.31 36300 -262.44 36301 186.95 36302 221.92 36303 79.026 36304 -144.33 36305 437.26 36306 112.97 36307 -337.05 36308 -88.916 36309 -223.58 36310 -36.324 36311 274.92 36312 -12.397 36313 32.237 36314 55.227 36315 16.558 36316 93.835 36317 -196.12 36318 -33.546 36319 61.068 36320 -175.52 36321 -89.072 36322 -175.14 36323 255.14 36324 110.59 36325 471.39 36326 175.73 36327 250.91 36328 -96.68 36329 -175.72 36330 -301.32 36331 -59.616 36332 -88.219 36333 84.171 36334 -124.86 36335 -314.25 36336 -50.002 36337 76.885 36338 181.55 36339 -29.26 36340 110.5 36341 72.884 36342 -103.32 36343 -384.15 36344 346.93 36345 107.98 36346 25.333 36347 6.2445 36348 0.42293 36349 155.75 36350 32.911 36351 -157.15 36352 200.49 36353 8.0254 36354 2.7778 36355 -75.86 36356 312.24 36357 9.3631 36358 -48.6 36359 89.027 36360 -240.74 36361 285.08 36362 91.704 36363 651.25 36364 269.8 36365 -103.5 36366 -320.07 36367 80.614 36368 13.292 36369 -162.72 36370 75.619 36371 -98.22 36372 46.037 36373 -195.56 36374 6.0035 36375 -67.444 36376 -186.36 36377 64.286 36378 187.43 36379 -460.02 36380 -351.52 36381 0.88206 36382 113.91 36383 -178.28 36384 416.22 36385 -484.12 36386 149.84 36387 10.956 36388 70.599 36389 -3.45 36390 -109.12 36391 -136.17 36392 -391.32 36393 128.68 36394 31.715 36395 -73.315 36396 45.417 36397 246.03 36398 -2.0691 36399 -158.31 36400 327.76 36401 -43.823 36402 -56.474 36403 55.144 36404 93.042 36405 -85.162 36406 57.088 36407 -85.496 36408 -116.85 36409 -40.485 36410 18.663 36411 108.62 36412 75.545 36413 65.328 36414 100.74 36415 -78.56 36416 441.19 36417 102.62 36418 313.6 36419 -249.88 36420 58.525 36421 -336.24 36422 -94.992 36423 -493.72 36424 300.38 36425 12.925 36426 -249.05 36427 -122.44 36428 -498.59 36429 343.24 36430 69.519 36431 -428.33 36432 -64.125 36433 -633.81 36434 250.87 36435 17.375 36436 -96.865 36437 6.6595 36438 -341.76 36439 -497.83 36440 243.2 36441 148.8 36442 325.18 36443 11.978 36444 -139.53 36445 -12.951 36446 -529.95 36447 -432.45 36448 307.02 36449 284.53 36450

427.31 36451 15.881 36452 -150.87 36453 -29.624 36454 -547.65 36455 -476.87 36456
320.97 36457 166.09 36458 395. 36459 13.415 36460 -166.17 36461 -26.928 36462 -506.18
36463 -449.73 36464 223.81 36465 90.06 36466 218.42 36467 33.921 36468 -145.3 36469
-13.27 36470 -323.15 36471 -532.31 36472 274.05 36473 86.062 36474 223.22 36475 37.282
36476 -93.133 36477 -8.816 36478 -317.98 36479 -414.32 36480 393.24 36481 78.549 36482
172.56 36483 -15.471 36484 -6.1203 36485 -297.19 36486 -925.63 36487 -850.81 36488
326.75 36489 -781.78 36490 -693.25 36491 -771.32 36492 -572.66 36493 -255.57 36494 277.1
36495 -133.19 36496 166.39 36497 1058.3 36498 862.69 36499 293.63 36500 832.53 36501
806.17 36502 661.73 36503 1073.8 36504 -262.78 36505 841.46 36506 -98.05 36507 243.39
36508 287.79 36509 94.236 36510 -21.949 36511 422.89 36512 152.43 36513 366.58 36514
121.65 36515 142.07 36516 278.46 36517 313.27 36518 111.63 36519 151.02 36520 50.507
36521 11.542 36522 131.99 36523 16.551 36524 15.107 36525 -129.49 36526 -32.178 36527
-242.21 36528 -79.469 36529 -350.56 36530 -87.088 36531 -302.28 36532 -101.88 36533
-1.7675 36534 114.36 36535 -149.3 36536 151.61 36537 100.12 36538 163.79 36539 89.456
36540 -291.83 36541 282.38 36542 -150.36 36543 -10.832 36544 -88.243 36545 -22.771
36546 -16.109 36547 -37.76 36548 -17.385 36549 -173.11 36550 -139.03 36551 -267.01 36552
-6.6051 36553 194.76 36554 93.618 36555 66.201 36556 74.824 36557 124.59 36558 115.12
36559 562.11 36560 107.3 36561 -3.1442 36562 247.59 36563 -147.7 36564 28.008 36565
-63.181 36566 -17.271 36567 -11.508 36568 105.82 36569 31.845 36570 -43.79 36571 71.371
36572 -52.97 36573 -23.739 36574 65.734 36575 65.315 36576 -99.491 36577 59.123 36578
-45.587 36579 106.98 36580 -4.6828 36581 1.626 36582 2.2836 36583 -86.391 36584 33.72
36585 13.445 36586 19.123 36587 -24.497 36588 154.3 36589 166.75 36590 347.33 36591
5.1906 36592 -292.1 36593 249.72 36594 107.68 36595 -222.92 36596 44.562 36597 84.555
36598 -14.549 36599 -27.689 36600 -84.963 36601 -78.774 36602 -65.293 36603 6.0834
36604 -18.002 36605 85.579 36606 364.67 36607 36.977 36608 -0.48025 36609 140.65 36610
-11.451 36611 -27.743 36612 51.533 36613 56.27 36614 12.061 36615 -43.758 36616 8.3725
36617 -58.683 36618 -13.977 36619 126.34 36620 21.606 36621 76.172 36622 -220.53 36623
151.68 36624 203.71 36625 -20.332 36626 -60.341 36627 -22.802 36628 38.737 36629 10.702
36630 -4.2233 36631 -74.235 36632 14.343 36633 -66.422 36634 249.36 36635 1.7278 36636
64.794 36637 -7.7657 36638 7.7317 36639 152.01 36640 -8.4125 36641 191.91 36642 17.974
36643 55.016 36644 -11.202 36645 10.303 36646 -7.4166 36647 -15.85 36648 7.8276 36649
30.91 36650 15.661 36651 36.058 36652 -2.2698 36653 -8.311 36654 -9.6826 36655 -4.6196
36656 52.67 36657 88.42 36658 114.46 36659 10.899 36660 365.6 36661 110.99 36662
-22.256 36663 -63.922 36664 37.44 36665 12.583 36666 1.8994 36667 477.5 36668 123.15
36669 -26.615 36670 69.355 36671 -36.284 36672 -92.348 36673 -25.508 36674 82.749 36675
-58.429 36676 289.76 36677 104.64 36678 -96.995 36679 17.757 36680 -52.679 36681
-54.328 36682 97.466 36683 -68.773 36684 35.539 36685 -86.035 36686 -82.866 36687
20.097 36688 -93.772 36689 31.266 36690 203.01 36691 -10.09 36692 56.097 36693 90.153
36694 -40.697 36695 38.266 36696 37.03 36697 -25.002 36698 124.76 36699 -44.727 36700
139.57 36701 75.219 36702 -149.07 36703 5.5233 36704 -13.243 36705 82.289 36706 35.387
36707 238.98 36708 -57.3 36709 -88.245 36710 -111.01 36711 205.2 36712 51.203 36713
38.104 36714 -11.153 36715 -100.51 36716 -91.269 36717 8.184 36718 441.61 36719 149.64
36720 55.669 36721 208.87 36722 -43.121 36723 -0.55275 36724 -142.98 36725 310.76
36726 -74.973 36727 186.88 36728 -119.03 36729 -13.018 36730 10.584 36731 -78.548 36732
22.408 36733 132.49 36734 99.058 36735 4.1081 36736 -94.744 36737 54.166 36738 -33.821
36739 40.874 36740 -1.8962 36741 -52.647 36742 -113.72 36743 56.513 36744 65.348 36745
12.518 36746 110.58 36747 15.976 36748 -20.381 36749 8.9224 36750 -32.366 36751 -14.72
36752 260.12 36753 -97.84 36754 -14.159 36755 -40.213 36756 -9.1121 36757 139.64 36758
-81.628 36759 229.31 36760 3.3348 36761 13.408 36762 363.73 36763 -214.1 36764 162.79
36765 -30.204 36766 -73.469 36767 -5.2019 36768 -168.89 36769 -83.622 36770 655.04
36771 32.174 36772 213.31 36773 -96.267 36774 259.71 36775 -74.549 36776 63.811 36777
55.818 36778 240.82 36779 -13.932 36780 -31.677 36781 180.44 36782 418.51 36783 -63.476
36784 16.271 36785 314.28 36786 -128.99 36787 71.171 36788 125.21 36789 -144.27 36790
-72.75 36791 -58.095 36792 -94.347 36793 226.23 36794 18.875 36795 -43.508 36796 -278.14
36797 79.032 36798 -203.42 36799 106.23 36800 220.56 36801 134.37 36802 -126.37 36803
223.48 36804 -11.647 36805 65.254 36806 107.93 36807 -210.11 36808 -11.583 36809 186.29
36810 31.534 36811 141.97 36812 62.336 36813 241.93 36814 28.535 36815 181.18 36816

-68.025 36817 -5.6387 36818 16.188 36819 81.595 36820 -16.022 36821 39.245 36822 6.8696
36823 24.971 36824 8.1104 36825 6.5289 36826 6.1037 36827 -11.739 36828 109. 36829
119.52 36830 116.68 36831 77.386 36832 -17.297 36833 -6.0608 36834 -1.6498 36835
-12.697 36836 3.2234 36837 -0.5023 36838 -1.2146 36839 -6.1039 36840 -5.9261 36841
-36.724 36842 -3.1691 36843 88.786 36844 8.4862 36845 69.708 36846 28.353 36847 10.571
36848 9.9114 36849 -8.3569 36850 112.38 36851 114.22 36852 7.1841 36853 76.969 36854
-4.5404 36855 6.1414 36856 71.653 36857 62.038 36858 35.67 36859 -1.7804 36860 -2.4558
36861 63.001 36862 52.203 36863 93.815 36864 45.443 36865 19.325 36866 10.925 36867
64.693 36868 42.732 36869 8.2913 36870 10.68 36871 15.234 36872 1.2779 36873 0.43123
36874 26.789 36875 16.004 36876 16.601 36877 4.737 36878 1.768 36879 -3.007 36880
9.7332 36881 -11.548 36882 -0.16157 36883 -2.2103 36884 -6.3827 36885 -14.331 36886
-1.3145 36887 1.1752 36888 -3.5998 36889 -22.051 36890 -6.0887 36891 -121.38 36892
-51.662 36893 -10.869 36894 -2.9372 36895 -24.62 36896 -24.827 36897 -67.538 36898
-14.861 36899 -4.864 36900 -38.003 36901 -56.129 36902 -196.51 36903 -81.436 36904
-1.8717 36905 1.03 36906 -34.65 36907 -21.339 36908 -87.638 36909 -8.9166 36910 -6.8167
36911 -83.068 36912 2.1579 36913 -53.525 36914 -37.14 36915 6.935 36916 -73.342 36917
-31.736 36918 -14.332 36919 -0.91173 36920 -2.8503 36921 -23.546 36922 -4.8048 36923
-13.629 36924 -19.367 36925 -55.502 36926 -10.976 36927 0.48159 36928 -22.293 36929
-16.782 36930 -23.731 36931 -73.956 36932 2.671 36933 6.2722 36934 -6.0844 36935 3.9868
36936 7.5441 36937 -7.4142 36938 -1.7832 36939 -135.1 36940 -18.008 36941 4.3927 36942
1.7671 36943 -31.007 36944 -4.6606 36945 -4.8505 36946 -5.4845 36947 -32.7 36948 17.818
36949 21.303 36950 13.23 36951 -111.51 36952 -67.65 36953 -74.714 36954 -198.8 36955
-72.387 36956 -8.7837 36957 -192.68 36958 -16.697 36959 -20.398 36960 -26.771 36961
-33.721 36962 -32.052 36963 -83.946 36964 -7.3372 36965 -149.16 36966 -43.227 36967
6.4698 36968 12.285 36969 -215.2 36970 -5.1443 36971 -54.979 36972 -63.826 36973 -126.48
36974 14.566 36975 15.031 36976 -87.543 36977 -224.79 36978 -37.022 36979 -16.169 36980
-65.191 36981 -106.63 36982 10.495 36983 2.2361 36984 -77.1 36985 -180.56 36986 -46.181
36987 -4.7441 36988 -69.993 36989 -42.352 36990 -107.01 36991 2.7378 36992 10.357 36993
-204.98 36994 -10.809 36995 -20.671 36996 -216.39 36997 -112.23 36998 83.445 36999
-4.8797 37000 -14.677 37001 -13.932 37002 -15.24 37003 -41.782 37004 -56.126 37005
3.3149 37006 8.7363 37007 41.951 37008 19.129 37009 76.677 37010 -76.732 37011 18.984
37012 3.942 37013 4.3195 37014 82.89 37015 176.89 37016 81.849 37017 -64.529 37018
29.876 37019 22.997 37020 9.3289 37021 14.38 37022 56.916 37023 57.513 37024 -32.087
37025 41.563 37026 -73.278 37027 -14.348 37028 -14.024 37029 -15.476 37030 -67.682
37031 -22.476 37032 132.24 37033 11.616 37034 -6.1625 37035 3.9999 37036 -16.965 37037
0.23934 37038 -7.2756e-002 37039 0.9059 37040 -1.0655 37041 0.52193 37042 3.4438 37043
-8.525 37044 6.3514e-002 37045 -4.0821 37046 -6.0227 37047 15.568 37048 14.068 37049
0.59143 37050 12.088 37051 3.3184 37052 6.7539 37053 15.57 37054 32.113 37055 17.042
37056 -58.469 37057 37.044 37058 6.1682 37059 12.728 37060 9.8357 37061 32.112 37062
87.918 37063 97.684 37064 202.35 37065 87.539 37066 -3.0434 37067 10.412 37068 7.5236
37069 11.32 37070 55.11 37071 58.961 37072 -34.606 37073 84.596 37074 39.757 37075
80.937 37076 15.521 37077 186.51 37078 81.061 37079 -12.98 37080 -6.545 37081 199.66
37082 52.143 37083 17.168 37084 57.706 37085 107.15 37086 -5.3661 37087 -10.85 37088
93.06 37089 179.76 37090 26.915 37091 62.439 37092 57.474 37093 123.84 37094 -15.103
37095 -11.529 37096 69.302 37097 203.82 37098 28.445 37099 45.107 37100 11.75 37101
194.77 37102 52.213 37103 -0.15401 37104 -3.8423 37105 234.19 37106 6.6419 37107
22.662 37108 16.284 37109 61.262 37110 91.089 37111 204.69 37112 91.277 37113 1.7066
37114 212.73 37115 28.211 37116 20.689 37117 40.074 37118 21.833 37119 95.879 37120
23.706 37121 2.5876 37122 1.4267 37123 55.965 37124 39.161 37125 1.0142 37126 0.66078
37127 20.092 37128 -50.48 37129 -2.7191 37130 2.2291 37131 -4.6022 37132 -5.5899 37133
-56.182 37134 -29.23 37135 -18.937 37136 -28.799 37137 89.098 37138 23.682 37139 9.4936
37140 9.4279 37141 19.105 37142 -4.8184 37143 9.3384 37144 6.0206 37145 9.5452 37146
36.376 37147 60.305 37148 25.329 37149 -2.6239 37150 1.961 37151 2.6509 37152 0.20068
37153 0.43222 37154 -0.16791 37155 -11.743 37156 32.785 37157 -49.618 37158 -12.627
37159 -115.73 37160 -73.67 37161 -63.418 37162 -70.639 37163 -149.98 37164 -91.746 37165
-94.478 37166 -94.048 37167 -40.327 37168 -35.777 37169 -66.837 37170 -66.407 37171
-108.75 37172 -74.225 37173 -60.711 37174 -162.82 37175 -91.446 37176 -115.73 37177

-174.2 37178 -91.351 37179 -57.076 37180 -159.65 37181 -144.67 37182 -92.384 37183
-109.13 37184 -97.971 37185 -92.866 37186 -113.75 37187 -49.98 37188 -15.455 37189
-15.258 37190 -25.013 37191 -1.941 37192 -8.9504 37193 -9.1387 37194 -19.37 37195
-69.205 37196 -32.677 37197 -56.956 37198 -52.215 37199 -43.873 37200 -53.43 37201
-30.358 37202 -61.094 37203 -85.373 37204 66.693 37205 32.258 37206 2.1042 37207
-2.3095 37208 4.7972 37209 4.4864 37210 5.2383 37211 59.107 37212 20.72 37213 37.664
37214 -1.2158 37215 -1.365 37216 0.46608 37217 -1.365 37218 -1.365 37219 -1.6758 37220
-0.92398 37221 -10. 37222 14.557 37223 89.357 37224 61.177 37225 59.203 37226 77.492
37227 54.789 37228 135.62 37229 80.972 37230 77.818 37231 94.763 37232 111.43 37233
24.768 37234 43.057 37235 20.354 37236 60.328 37237 99.152 37238 84.897 37239 77.086
37240 175.51 37241 111.85 37242 135.77 37243 74.733 37244 47.193 37245 151.1 37246
131.6 37247 82.816 37248 95.647 37249 93.56 37250 120.25 37251 84.957 37252 120.48
37253 19.481 37254 29.158 37255 5.2351 37256 70.358 37257 35.383 37258 -34.533 37259
-48.331 37260 -231.58 37261 -6.2888 37262 -8.1855 37263 -30.732 37264 40.334 37265 2.685
37266 -37.153 37267 85.338 37268 99.464 37269 47.987 37270 48.074 37271 47.032 37272
267.72 37273 109.42 37274 92.208 37275 50.129 37276 -48.861 37277 -5.1219 37278 6.1932
37279 49.109 37280 4.0882 37281 -262.77 37282 -34.251 37283 -32.302 37284 -39.371 37285
-72.14 37286 -92.376 37287 39.15 37288 38.765 37289 -1.0731 37290 258.8 37291 91.856
37292 52.233 37293 49.414 37294 272.93 37295 103.64 37296 114.63 37297 58.624 37298
-276.56 37299 -51.272 37300 -47.923 37301 -38.261 37302 4.6549 37303 -171.6 37304
-116.17 37305 -40.366 37306 9.5489 37307 11.375 37308 152.74 37309 5.746 37310 0.78921
37311 41.975 37312 1.359 37313 -5.7498 37314 -1.8161 37315 -3.5852 37316 25.636 37317
53.933 37318 -5.1986 37319 -8.8969 37320 -15.621 37321 -5.9879 37322 -6.6472 37323
-174.89 37324 -46.048 37325 -7.3421 37326 8.3169 37327 1.5236 37328 1.6355 37329
-45.991 37330 34.606 37331 153.17 37332 6.796 37333 1.2115 37334 34.248 37335 62.545
37336 -1.997 37337 -2.082 37338 27.139 37339 -170.24 37340 -3.6954 37341 -8.0618 37342
-8.7174 37343 -176.97 37344 -56.344 37345 -82.698 37346 -48.122 37347 154.99 37348
7.9943 37349 6.8298 37350 6.2729 37351 -40.685 37352 157. 37353 39.912 37354 44.224
37355 9.3426 37356 10.876 37357 138.06 37358 7.4489 37359 1.371 37360 80.772 37361
2.8726 37362 -10.027 37363 -5.2337 37364 0.6747 37365 5.9454 37366 -10.056 37367 4.5364
37368 -0.66798 37369 1.0195 37370 -125.07 37371 6.2548 37372 6.0954 37373 2.6447 37374
-3.421 37375 -2.365 37376 -60.048 37377 29.007 37378 135.5 37379 4.8861 37380 -1.3265
37381 9.8526 37382 41. 37383 78.21 37384 -9.6314 37385 -8.3176 37386 -3.0469 37387
-134.04 37388 -16.019 37389 -486.9 37390 6.6481 37391 0.48932 37392 -119.44 37393
-56.138 37394 -128.42 37395 137.03 37396 0.3415 37397 1.3859 37398 -56.297 37399 176.54
37400 32.758 37401 9.2276 37402 18.167 37403 128.89 37404 6.4654 37405 4.5268 37406
55.452 37407 21.458 37408 34.368 37409 21.335 37410 14.504 37411 17.469 37412 52.381
37413 -196.55 37414 33.254 37415 43.223 37416 16.086 37417 -5.7413 37418 2.0097 37419
0.99446 37420 -214.83 37421 -4.0321 37422 13.825 37423 2.1441 37424 -4.2592 37425
-31.013 37426 20.101 37427 127.34 37428 3.6833 37429 2.971 37430 38.596 37431 29.437
37432 13.629 37433 18.401 37434 -197.42 37435 32.379 37436 -2.4118 37437 -3.9866 37438
-3.2582 37439 -219.25 37440 -37.144 37441 -79.731 37442 136.28 37443 13.849 37444 7.467
37445 -19.287 37446 138.21 37447 62.836 37448 31.828 37449 12.515 37450 15.086 37451
77.903 37452 7.8346 37453 31.137 37454 51.645 37455 26.549 37456 3.0727 37457 -1.3996
37458 -1.6407 37459 8.101 37460 -5.1423 37461 -1.9421 37462 -4.8623 37463 -0.6289 37464
-1.1287 37465 -0.99056 37466 -49.561 37467 -8.4887 37468 -3.6182 37469 6.3457 37470
-0.27195 37471 0.47573 37472 3.4452 37473 72.706 37474 2.6046 37475 2.6377 37476
12.346 37477 46.449 37478 -0.31364 37479 -1.8678 37480 -0.83885 37481 7.8739 37482
-49.246 37483 -5.3695 37484 -3.3733 37485 -3.5955 37486 -52.166 37487 -0.40386 37488
-174.61 37489 -3.9737 37490 -52.231 37491 -11.094 37492 75.278 37493 5.8429 37494 9.56
37495 80.628 37496 28.512 37497 4.2016 37498 15.156 37499 80.305 37500 3.0512 37501
3.7955 37502 4.5883 37503 32.439 37504 8.4894e-002 37505 -0.99806 37506 5.7176e-002
37507 -0.6401 37508 6.0554 37509 6.0966 37510 -6.9224 37511 -1.4014 37512 3.6738 37513
0.60257 37514 -4.9286e-002 37515 -70.103 37516 3.6342 37517 10.596 37518 4.6099 37519
-0.53263 37520 -6.8522 37521 7.7585 37522 76.141 37523 0.4242 37524 9.747e-003 37525
6.0079 37526 6.0492 37527 28.275 37528 -0.77629 37529 -1.7705 37530 4.925 37531 -70.83
37532 -8.0527 37533 4.9508 37534 8.9979 37535 -65.755 37536 -2.4642 37537 -260.96 37538

-22.312 37539 12.146 37540 87.095 37541 9.8411 37542 10.817 37543 4.4975 37544 153.24
37545 88.125 37546 39.229 37547 19.108 37548 2.2304 37549 2.957 37550 47.97 37551
-1.1429 37552 -0.30804 37553 2.0315 37554 -2.6051 37555 -0.27853 37556 -4.2035e-002
37557 7.9038 37558 4.1498 37559 -9.6166 37560 -19.197 37561 -5.2251 37562 -8.1139 37563
-7.4762 37564 -82.483 37565 -50.244 37566 -12.29 37567 2.6538 37568 -4.233 37569
-0.53085 37570 -14.953 37571 20.296 37572 49.875 37573 1.9202 37574 1.5974 37575
2.0624 37576 10.008 37577 20.556 37578 6.2542 37579 -2.9969 37580 -2.8106 37581 5.3717
37582 -78.003 37583 -8.2941 37584 1.6177 37585 -10.326 37586 -16.241 37587 -87.584
37588 -26.961 37589 -285.98 37590 -55.345 37591 50.602 37592 1.4891 37593 2.4044 37594
-12.018 37595 85.841 37596 23.232 37597 2.6261 37598 2.4668 37599 31.802 37600
7.1712e-002 37601 -0.34667 37602 1.9251 37603 -1.2028 37604 -0.82236 37605 6.1454
37606 -7.0934 37607 -12.528 37608 -2.4679 37609 -89.536 37610 -48.934 37611 -5.3933
37612 3.01 37613 -0.38399 37614 1.7316 37615 -12.782 37616 6.9408 37617 34.151 37618
1.6004 37619 2.4203 37620 2.2272 37621 9.1949 37622 7.8384 37623 3.3443 37624 -0.90069
37625 6.067 37626 -83.724 37627 -7.1411 37628 -89.158 37629 -19.539 37630 -259.16 37631
-48.557 37632 33.991 37633 2.0886 37634 1.8426 37635 3.3778 37636 -11.136 37637 47.358
37638 13.131 37639 8.587 37640 4.4779 37641 0.43777 37642 33.811 37643 -0.81029 37644
0.3416 37645 3.9561 37646 -6.3229 37647 0.76717 37648 0.3832 37649 16.623 37650
-6.9593 37651 -10.099 37652 -5.7931 37653 -4.5366 37654 -0.28222 37655 -76.764 37656
-14.305 37657 -44.928 37658 -2.0922 37659 -0.15948 37660 -0.40775 37661 -0.10932 37662
-7.0484 37663 -2.5251 37664 3.4524 37665 37.921 37666 3.3001 37667 5.0153 37668 21.255
37669 13.281 37670 -2.3272 37671 -4.8798 37672 -2.1528 37673 10.976 37674 -78.635 37675
-36.155 37676 -12.606 37677 26.642 37678 -2.101 37679 -1.673 37680 -74.329 37681 -8.3138
37682 -163.25 37683 -3.7904 37684 -11.869 37685 -42.493 37686 33.881 37687 0.41181
37688 0.55815 37689 -6.381 37690 43.285 37691 4.1199 37692 5.8694 37693 0.33154 37694
39.703 37695 2.3515 37696 -1.0203 37697 7.1869 37698 0.62648 37699 1.7495 37700
0.75677 37701 20.264 37702 8.7943 37703 -1.9036 37704 -1.5541 37705 -0.63156 37706
-0.89809 37707 -47.473 37708 -7.9864 37709 -0.80329 37710 -0.13025 37711 0.20702 37712
-0.33158 37713 -4.5642 37714 44.961 37715 5.6904 37716 4.238 37717 24.205 37718 12.735
37719 13.552 37720 -0.72103 37721 -1.8627 37722 17.645 37723 -47.563 37724 -0.28384
37725 -0.63812 37726 -47.214 37727 -5.0551 37728 -159.64 37729 -7.7264 37730 -16.486
37731 39.423 37732 2.0719 37733 -0.14941 37734 -4.382 37735 39.3 37736 -20.052 37737
-47.085 37738 -14.738 37739 -159.99 37740 -14.033 37741 -20.343 37742 -39.59 37743
-63.959 37744 -20.688 37745 -51.309 37746 -19.95 37747 -77.736 37748 -15.933 37749
-201.83 37750 -35.305 37751 -25.806 37752 -26.217 37753 -86.968 37754 -6.2199 37755
-4.217 37756 -11.591 37757 -10.527 37758 -15.174 37759 -16.092 37760 -16.503 37761
-10.872 37762 113.26 37763 195.65 37764 235.49 37765 163.03 37766 251.52 37767 101.7
37768 138.79 37769 228.54 37770 93.307 37771 119.69 37772 130.2 37773 315.63 37774
178.69 37775 172.97 37776 159.61 37777 221.39 37778 175.91 37779 282.98 37780 160.51
37781 204.12 37782 166.87 37783 276.64 37784 159.6 37785 150.72 37786 160.79 37787
162.4 37788 152.79 37789 148.33 37790 244.15 37791 143.33 37792 126.13 37793 77.761
37794 69.385 37795 105.47 37796 97.012 37797 75.05 37798 98.077 37799 117.77 37800
67.514 37801 68.656 37802 43.22 37803 21.653 37804 52.428 37805 51.798 37806 41.012
37807 50.557 37808 33.58 37809 32.857 37810 34.742 37811 -24.385 37812 -64.622 37813
-29.481 37814 -62.727 37815 -21.881 37816 -9.954 37817 -10.676 37818 -39.983 37819
-17.019 37820 -52.548 37821 -118.58 37822 -48.861 37823 -88.521 37824 -50.652 37825
-43.014 37826 -123.29 37827 -199.49 37828 -84.409 37829 -82.22 37830 -93.229 37831
-220.77 37832 -177.21 37833 -67.305 37834 -103.51 37835 -81.176 37836 -53.711 37837
-68.525 37838 191.22 37839 322.41 37840 304.83 37841 196.75 37842 191.41 37843 256.53
37844 183.67 37845 251.87 37846 196.01 37847 333.44 37848 205.78 37849 314.57 37850
191.06 37851 330.6 37852 151.18 37853 167.2 37854 235.4 37855 115.31 37856 104.47
37857 105.03 37858 238.99 37859 266.25 37860 143.95 37861 85.097 37862 119.61 37863
148.5 37864 103.66 37865 31.974 37866 225.73 37867 219.83 37868 103.43 37869 110.92
37870 232.98 37871 107.98 37872 -1.587e-005 37873 187.86 37874 205.48 37875 82.409
37876 179.92 37877 201.01 37878 -1.395e-005 37879 205.48 37880 218.18 37881 107.32
37882 208.24 37883 179.92 37884 -3.2847e-007 37885 218.18 37886 187.81 37887 128.26
37888 227.24 37889 208.24 37890 78.587 37891 187.81 37892 192.19 37893 45.26 37894

200.23 37895 227.24 37896 270.78 37897 157.36 37898 278.82 37899 161.96 37900 -145.34
37901 -235.09 37902 -285.12 37903 -108.82 37904 -197.73 37905 -126.62 37906 -133.22
37907 -189.33 37908 -145.46 37909 -160.83 37910 -83.112 37911 -68.33 37912 -77.516 37913
-40.074 37914 -145.09 37915 -63.72 37916 -12.566 37917 4.6378 37918 -54.928 37919 13.607
37920 9.9703 37921 -60.545 37922 -11.89 37923 -1.6243 37924 19.966 37925 199.03 37926
144.02 37927 62.95 37928 45.132 37929 58.557 37930 41.938 37931 79.648 37932 38.301
37933 65.157 37934 -62.905 37935 -249.9 37936 -215.51 37937 -123.48 37938 -83.378 37939
-243.78 37940 -135.04 37941 2.1392e-005 37942 -152.61 37943 -46.672 37944 -218.64 37945
-180.87 37946 6.7704e-006 37947 -152.61 37948 -203.97 37949 -132.2 37950 -230.51 37951
-218.64 37952 2.3643e-006 37953 -203.97 37954 -191.6 37955 -107.82 37956 -181.75 37957
-230.51 37958 -63.066 37959 -191.6 37960 -196.73 37961 -108.7 37962 -206.68 37963
-181.75 37964 -259.8 37965 -265.91 37966 -161.75 37967 -178.52 37968 -269.74 37969
-126.25 37970 -188.1 37971 -0.20083 37972 -54.784 37973 -21.576 37974 -12.487 37975
-73.238 37976 -355.66 37977 -55.822 37978 -179.36 37979 -303.95 37980 -203.75 37981
-259.86 37982 -216. 37983 -339.6 37984 -240.68 37985 -367.87 37986 -207.24 37987 -259.13
37988 -356.57 37989 -199.28 37990 -149.58 37991 -371.25 37992 -333.48 37993 -161.19
37994 -211.03 37995 -172.85 37996 -395.57 37997 -336.17 37998 -434.48 37999 -422.61
38000 -246.72 38001 -262.39 38002 -225.86 38003 -388.34 38004 -299.42 38005 -373.35
38006 -422.12 38007 -163.06 38008 -234.35 38009 -238.98 38010 -399.58 38011 -305.43
38012 -403.41 38013 -378.48 38014 -239.31 38015 -168.19 38016 -209.23 38017 -219.1
38018 -301.52 38019 -105.85 38020 -409.52 38021 -245.42 38022 -266.03 38023 277.98
38024 360.25 38025 91.571 38026 179.1 38027 35.116 38028 197.66 38029 -195.97 38030
-190.38 38031 9.5424 38032 -201.59 38033 -152.93 38034 -257.95 38035 -16.503 38036
-10.995 38037 49.229 38038 -81.51 38039 -22.589 38040 -0.99858 38041 124.09 38042
-19.892 38043 117.26 38044 177.48 38045 144.11 38046 401.97 38047 146.77 38048 349.01
38049 293.15 38050 430.58 38051 381.62 38052 272.71 38053 118.83 38054 182.12 38055
394.76 38056 244.13 38057 269.76 38058 224.92 38059 393.34 38060 270.27 38061 367.78
38062 388.87 38063 220.52 38064 238.23 38065 241.35 38066 206.37 38067 423.66 38068
312.8 38069 413.72 38070 385.4 38071 243.25 38072 238.14 38073 232.56 38074 268.09
38075 405.99 38076 346.44 38077 445.42 38078 426.42 38079 272.49 38080 255.95 38081
251.04 38082 267.71 38083 380. 38084 233.07 38085 177.02 38086 388.05 38087 415.06
38088 197.15 38089 242.12 38090 129.18 38091 392.42 38092 201.52 38093 275.57 38094
396.96 38095 156.13 38096 324.5 38097 412.99 38098 263.17 38099 390. 38100 281.16
38101 291.67 38102 288.84 38103 299.53 38104 313.29 38105 195.98 38106 155.39 38107
452.83 38108 357.63 38109 237.53 38110 330.14 38111 339.37 38112 -144.86 38113 1.0976
38114 -80.188 38115 -5.5577 38116 -36.178 38117 193.51 38118 254.85 38119 427.38 38120
292.15 38121 399.23 38122 320.37 38123 213.34 38124 251.52 38125 283.12 38126 264.02
38127 254.41 38128 187.48 38129 228.04 38130 372.42 38131 249.95 38132 345.76 38133
255.37 38134 138.62 38135 116.66 38136 100.18 38137 82.221 38138 240.51 38139 139.69
38140 159.38 38141 89.164 38142 69.846 38143 59.658 38144 118.86 38145 68.606 38146
51.628 38147 52.79 38148 -158.81 38149 -57.643 38150 -90.889 38151 -49.386 38152 -30.087
38153 -38.116 38154 -68.146 38155 -52.184 38156 -301.05 38157 -155.13 38158 -194.79
38159 -156.92 38160 -128.29 38161 -171. 38162 -115.42 38163 -108.33 38164 -159.6 38165
-333.68 38166 -262.17 38167 -259.98 38168 -270.99 38169 -202.07 38170 -268.37 38171
-247.21 38172 -263.8 38173 -234.26 38174 -293.68 38175 -225.44 38176 -136.13 38177
-216.41 38178 -224.8 38179 -143.98 38180 -145.92 38181 -150.63 38182 -166.62 38183
-181.43 38184 -79.484 38185 -52.781 38186 -9.1545 38187 -10.484 38188 -4.8532 38189
-24.021 38190 -78.125 38191 -26.704 38192 -15.246 38193 -38.021 38194 -29.616 38195
-39.459 38196 -28.522 38197 -28.933 38198 -89.684 38199 -52.102 38200 -22.658 38201
-22.356 38202 -41.602 38203 -29.294 38204 -65.972 38205 -22.701 38206 -53.322 38207
-11.882 38208 -18.542 38209 -16.529 38210 -17.447 38211 -17.858 38212 -12.227 38213
-169.91 38214 -97.775 38215 -186.68 38216 -115.58 38217 -99.468 38218 -178.28 38219
-134.42 38220 -90.016 38221 -214.13 38222 -305.36 38223 -126.92 38224 -141.26 38225
-161.87 38226 -107.65 38227 -315.38 38228 -290.45 38229 -121.2 38230 -131.06 38231
-98.513 38232 -289.56 38233 -338.33 38234 -150.57 38235 -155.19 38236 -123.36 38237
-362.71 38238 -350.85 38239 -174.95 38240 -154.1 38241 -43.646 38242 -265.32 38243
-227.55 38244 -81.052 38245 -241.45 38246 -82.489 38247 -132.71 38248 150.4 38249 90.936

38250 84.056 38251 97.481 38252 117.98 38253 118.57 38254 147.46 38255 102.62 38256
43.021 38257 56.446 38258 39.827 38259 37.687 38260 46.503 38261 63.046 38262 -58.689
38263 9.846 38264 4.0816 38265 -7.8871 38266 -5.3849 38267 16.206 38268 -103.47 38269
-112.66 38270 -67.453 38271 87.259 38272 -123.87 38273 -75.216 38274 -26.73 38275
-51.139 38276 -64.951 38277 162.89 38278 178.99 38279 116.61 38280 139.12 38281 111.68
38282 228. 38283 167.49 38284 177.25 38285 279.01 38286 106.35 38287 162.15 38288
34.465 38289 245.49 38290 272.5 38291 121.16 38292 355.51 38293 336.51 38294 161.13
38295 177.79 38296 96.639 38297 315.56 38298 287.25 38299 169.93 38300 77.211 38301
262.33 38302 283.42 38303 135.9 38304 67.316 38305 279.96 38306 125.47 38307 154.96
38308 154.19 38309 108.03 38310 221.13 38311 159.8 38312 93.76 38313 196.89 38314
177.79 38315 188.31 38316 185.47 38317 329.31 38318 149.89 38319 133.09 38320 238.78
38321 165.92 38322 114.02 38323 206.62 38324 -106.51 38325 -64.905 38326 -47.502 38327
-84.18 38328 -56.715 38329 -71.53 38330 -37.974 38331 -144.9 38332 -155.91 38333 -100.31
38334 -86.994 38335 -148.72 38336 -178.6 38337 -125.07 38338 -87.203 38339 -58.37 38340
-58.577 38341 -71.753 38342 -89.88 38343 -55.748 38344 -14.902 38345 -17.336 38346
-25.285 38347 -33.005 38348 -17.042 38349 14.265 38350 45.04 38351 44.41 38352 33.625
38353 62.624 38354 98.712 38355 90.251 38356 68.29 38357 135.3 38358 145.37 38359
146.99 38360 137.37 38361 152.28 38362 138.92 38363 97.569 38364 200.7 38365 181.6
38366 183.43 38367 146.19 38368 -528.96 38369 -660.18 38370 -667.34 38371 -456.89 38372
-376.29 38373 -378.23 38374 -478.21 38375 489.31 38376 410.51 38377 651.68 38378 277.11
38379 302.65 38380 244.98 38381 406.19 38382 -334.8 38383 302.05 38384 138.65 38385
-232.85 38386 -232.21 38387 -120.32 38388 -154.19 38389 -76.66 38390 -142.41 38391
-158.04 38392 -254.17 38393 -197.39 38394 -262.08 38395 -240.92 38396 -150.19 38397
-172.29 38398 66.372 38399 -73.637 38400 -18.048 38401 17.089 38402 7.6543 38403
-10.962 38404 80.506 38405 150.55 38406 -222.48 38407 78.432 38408 97.731 38409 104.13
38410 204.44 38411 62.546 38412 350.24 38413 -304.83 38414 15.385 38415 -2.5712 38416
3.5214 38417 -34.642 38418 -94.102 38419 -19.8 38420 -32.881 38421 4.3718 38422 540.94
38423 349.5 38424 390.07 38425 317.43 38426 -253.45 38427 -153.33 38428 167.36 38429
228.69 38430 156.06 38431 135.22 38432 115.93 38433 171.64 38434 105.33 38435 206.42
38436 463.12 38437 88.554 38438 47.97 38439 130.11 38440 217.64 38441 447.59 38442
192.16 38443 32.434 38444 103.63 38445 100.74 38446 108.11 38447 100.13 38448 114.58
38449 202.1 38450 149.41 38451 355.26 38452 356.82 38453 389.95 38454 458.8 38455
234.66 38456 54.251 38457 -2.2041 38458 -66.485 38459 92.518 38460 128.14 38461 -123.91
38462 -95.691 38463 545.44 38464 666.09 38465 17.718 38466 89.788 38467 128.23 38468
72.315 38469 80.255 38470 175.71 38471 33.71 38472 109.39 38473 97.161 38474 106.05
38475 150.68 38476 80.083 38477 94.7 38478 79.432 38479 88.322 38480 133.3 38481
132.96 38482 59.969 38483 1.5328 38484 55.401 38485 38.864 38486 54.003 38487 17.014
38488 50.621 38489 16.14 38490 -13.712 38491 59.318 38492 96.65 38493 91.542 38494
111.79 38495 91.535 38496 121.26 38497 27.139 38498 62.746 38499 -115.33 38500 -40.213
38501 -12.203 38502 -10.073 38503 7.6347 38504 -10.08 38505 10.753 38506 -55.491 38507
-24.223 38508 -74.476 38509 30.56 38510 136.02 38511 37.397 38512 68.826 38513 155.86
38514 62.288 38515 104.54 38516 136.65 38517 406.27 38518 166.23 38519 34.586 38520
312.78 38521 569.05 38522 496.83 38523 128.85 38524 166.83 38525 -218.39 38526 -125.54
38527 20.583 38528 38.076 38529 -412.13 38530 -257.19 38531 -93.406 38532 -168.82 38533
-169.93 38534 4.2581 38535 -452.8 38536 302.96 38537 263.69 38538 125.44 38539 -187.9
38540 -138.51 38541 -301. 38542 -149.99 38543 -121.01 38544 -747.71 38545 -675.78 38546
-111.23 38547 -160.03 38548 -194.67 38549 -75.636 38550 -127.75 38551 -245.38 38552
44.641 38553 304.64 38554 161.15 38555 403.68 38556 387.12 38557 571.17 38558 203.18
38559 241.16 38560 -24.237 38561 -622.53 38562 -286.98 38563 -28.244 38564 71.294 38565
-241.18 38566 -517.99 38567 -378.91 38568 -223.98 38569 -135.6 38570 -348.86 38571
-588.23 38572 -595.39 38573 -358.24 38574 -291.89 38575 -328.85 38576 -443.63 38577
-201.94 38578 -70.921 38579 157.71 38580 -33.009 38581 -132.61 38582 -210.49 38583
-170.25 38584 -151.05 38585 -77.689 38586 -106.62 38587 -3.4961 38588 1.2694 38589
-18.172 38590 -76.611 38591 -5.4862 38592 -83.775 38593 -36.371 38594 -46.784 38595
-46.531 38596 -65.768 38597 -98.526 38598 -88.873 38599 -42.055 38600 -72.148 38601
-44.045 38602 -115.34 38603 -104.18 38604 -99.074 38605 -119.96 38606 -104.33 38607
-137.08 38608 -84.11 38609 -15.842 38610 -59.031 38611 -74.707 38612 -38.178 38613

-62.457 38614 -57.717 38615 -48.022 38616 -112.13 38617 -76.415 38618 -67.385 38619
-126.25 38620 -88.069 38621 -109.26 38622 -97.985 38623 -49.191 38624 -52.892 38625
-59.265 38626 -31.637 38627 -43.862 38628 -64.546 38629 -183.37 38630 -574.51 38631
-364.06 38632 -337.36 38633 -422.75 38634 -385.39 38635 -290.63 38636 -315.14 38637
-339.95 38638 -429.91 38639 -392.55 38640 -312.32 38641 -332.09 38642 -398.4 38643
-281.27 38644 -242.52 38645 -129.36 38646 112.86 38647 -28.604 38648 34.071 38649 40.87
38650 -135.38 38651 36.367 38652 -81.934 38653 335.2 38654 363.34 38655 305.36 38656
249.7 38657 432.49 38658 263.2 38659 368.69 38660 258.7 38661 335.69 38662 152.8 38663
-137.34 38664 6.0312 38665 -22.951 38666 -37.93 38667 158.15 38668 54.998 38669 -18.999
38670 -323.9 38671 -137.08 38672 -206.77 38673 -197.49 38674 -243.86 38675 -190.41
38676 216.78 38677 167.82 38678 174.62 38679 170.11 38680 156.13 38681 189.26 38682
308.25 38683 275.24 38684 -343.67 38685 -162.99 38686 -187.8 38687 -177.97 38688 -159.03
38689 1181.1 38690 1206.6 38691 1061.1 38692 854.7 38693 890.7 38694 925.35 38695
998.29 38696 872.62 38697 505.61 38698 -301.39 38699 81.232 38700 7.9968 38701 -5.7774
38702 191.91 38703 -786.34 38704 -810.97 38705 -497.78 38706 -611.35 38707 -490.72
38708 -690.09 38709 -517.08 38710 -527.67 38711 -352.77 38712 504.35 38713 140.43 38714
18.098 38715 44.239 38716 -231.88 38717 28.98 38718 49.653 38719 807.71 38720 503.41
38721 637.36 38722 614.08 38723 619.27 38724 -376.83 38725 -390.61 38726 -416.96 38727
-364.62 38728 -422.3 38729 -614.6 38730 -353.74 38731 833.19 38732 614.83 38733 697.48
38734 518.63 38735 770.43 38736 524.05 38737 1048.3 38738 1048.8 38739 963.87 38740
734.14 38741 716.89 38742 746.2 38743 764.37 38744 494.27 38745 -234.78 38746 192.14
38747 7.9048 38748 240.75 38749 50.245 38750 -795.89 38751 -885.14 38752 -642.65 38753
-585.17 38754 -616.51 38755 -553.21 38756 -741.28 38757 -625.49 38758 -366.11 38759
452.66 38760 20.848 38761 81.037 38762 33.509 38763 -222.25 38764 18.992 38765 88.621
38766 765.84 38767 548.16 38768 596.77 38769 -397.09 38770 -365.13 38771 -322.79 38772
-437.41 38773 -335.87 38774 -399.35 38775 -543.81 38776 -391.76 38777 -642.45 38778
-401.21 38779 766.31 38780 536.58 38781 479.61 38782 432.08 38783 566.81 38784 487.19
38785 745.63 38786 798.59 38787 770.81 38788 452.79 38789 530.32 38790 536.41 38791
243.59 38792 -446.02 38793 -91.632 38794 -15.379 38795 -79.585 38796 77.911 38797
9.6591 38798 -122.17 38799 -996.38 38800 -1144.4 38801 -709.67 38802 -789.96 38803
-812.05 38804 -629.95 38805 -914.79 38806 -672.53 38807 -743.8 38808 -579.38 38809
311.17 38810 -164.13 38811 -32.697 38812 1.851 38813 -349.81 38814 48.987 38815 -77.03
38816 607.41 38817 323.25 38818 416.54 38819 348.29 38820 366.92 38821 301.16 38822
-510.29 38823 -442.6 38824 -436.42 38825 -430.56 38826 -473.14 38827 -677.69 38828
-738.55 38829 -863.38 38830 660.38 38831 344.29 38832 342.35 38833 378.84 38834 425.97
38835 1136.4 38836 998.19 38837 1083.1 38838 761.52 38839 712.72 38840 797.11 38841
744.99 38842 578.62 38843 -473.9 38844 525.31 38845 164.94 38846 -67.742 38847 -140.84
38848 192.63 38849 239.29 38850 -1133.6 38851 -1041.5 38852 -798.14 38853 -786.74 38854
-859.63 38855 -800.5 38856 -878.53 38857 -739.88 38858 -395.21 38859 426.97 38860
0.52614 38861 -232.28 38862 138.23 38863 0.44851 38864 173.77 38865 1043.9 38866
683.49 38867 757.84 38868 -672.47 38869 -601.72 38870 -674.82 38871 -427.94 38872
-641.85 38873 -660.75 38874 -428.02 38875 905.61 38876 394.23 38877 531.94 38878 567.47
38879 1602.2 38880 1340.5 38881 1460.5 38882 1177.3 38883 785.76 38884 -507.91 38885
644.12 38886 -85.121 38887 70.547 38888 -229.73 38889 248.9 38890 274. 38891 362.77
38892 -1106.2 38893 -1137.3 38894 -604.1 38895 -805.07 38896 -632.77 38897 -827.98 38898
-779.23 38899 -637.54 38900 -611.14 38901 -619.28 38902 443.89 38903 -28.531 38904
-220.74 38905 -261.21 38906 108.52 38907 69.668 38908 1359.4 38909 1076.1 38910 785.81
38911 989.26 38912 -584.25 38913 -663.53 38914 -808.13 38915 -750.05 38916 -816.35
38917 -790.52 38918 1097.8 38919 503.63 38920 505.33 38921 814.5 38922 511.9 38923
642.39 38924 603.53 38925 1269.3 38926 1233.1 38927 1202.6 38928 842.86 38929 878.24
38930 776.01 38931 918.04 38932 623.64 38933 -485.39 38934 556.98 38935 232.58 38936
21.959 38937 -183.78 38938 287.55 38939 131.42 38940 -1163.4 38941 -1091. 38942 -748.02
38943 -624.64 38944 -861.81 38945 -826.42 38946 -734.03 38947 -532. 38948 468.44 38949
58.932 38950 -118.07 38951 -267.37 38952 131.55 38953 -42.807 38954 1000.5 38955 676.13
38956 -643.53 38957 -612.1 38958 -849.27 38959 -721.49 38960 -663.1 38961 -592.21 38962
-741.5 38963 964.31 38964 604.53 38965 585.25 38966 657.86 38967 679.72 38968 1262.6
38969 1198.7 38970 1167.2 38971 986.65 38972 1003.7 38973 546.57 38974 -624.38 38975

451.19 38976 0.24684 38977 108.95 38978 -201.09 38979 161.21 38980 122.32 38981 -1184.
38982 -962.02 38983 -508.63 38984 -760.69 38985 -732.46 38986 -439.27 38987 445.83
38988 39.733 38989 -209.71 38990 127.06 38991 -24.231 38992 893.77 38993 713.21 38994
551.53 38995 564.9 38996 -728.13 38997 -677.41 38998 -929.46 38999 -429.85 39000 -455.46
39001 -679.29 39002 -493.81 39003 829.87 39004 455.25 39005 666.37 39006 542.58 39007
493.84 39008 1181.7 39009 1184.4 39010 1126.1 39011 852.48 39012 881.03 39013 499.98
39014 -362.26 39015 444.39 39016 99.434 39017 85.262 39018 -118.4 39019 154.79 39020
167.85 39021 71.085 39022 -1013.7 39023 -1217.4 39024 -803.9 39025 -769.81 39026 -874.39
39027 -594.28 39028 474.31 39029 79.186 39030 -64.31 39031 -251.31 39032 151.87 39033
15.71 39034 858.01 39035 513.06 39036 584.37 39037 581.48 39038 -380.86 39039 -363.35
39040 -601.09 39041 -567.01 39042 -377.53 39043 -804.79 39044 -688.28 39045 -875.28
39046 860.68 39047 615.58 39048 523.81 39049 596.49 39050 555.42 39051 1072. 39052
1152.7 39053 1099.3 39054 689.85 39055 869.83 39056 825.44 39057 887.81 39058 361.39
39059 -481.56 39060 388.65 39061 -102.73 39062 1.9794 39063 -163.66 39064 81.615 39065
76.727 39066 -989.63 39067 -1042.7 39068 -683.49 39069 -707.13 39070 -559.3 39071
-671.73 39072 -719.89 39073 -518.34 39074 -461.6 39075 515.09 39076 232.23 39077 -138.81
39078 264.97 39079 25.33 39080 759.37 39081 349.95 39082 372.7 39083 485.54 39084
447.45 39085 -647.65 39086 -574.95 39087 -635.88 39088 -724.34 39089 -737.11 39090
-572.97 39091 840.06 39092 610.62 39093 643.36 39094 -85.434 39095 -21.958 39096 16.486
39097 -20.717 39098 -22.724 39099 -19.303 39100 -76.983 39101 189.02 39102 -8.4209
39103 -40.567 39104 -3.2922 39105 80.174 39106 -25.026 39107 -106.87 39108 84.232 39109
13.16 39110 90.689 39111 87.854 39112 89.315 39113 48.558 39114 98.541 39115 -54.822
39116 -57.714 39117 -53.678 39118 76.221 39119 20.368 39120 -43.877 39121 157.79 39122
-9.0448 39123 30.135 39124 -62.322 39125 -70.939 39126 -206.3 39127 -24.552 39128
-158.01 39129 -328.01 39130 -299.79 39131 -186.38 39132 -117.41 39133 -96.803 39134
-75.872 39135 -123.84 39136 -43.756 39137 -134.07 39138 -160.13 39139 -76.812 39140
-86.139 39141 -85.961 39142 -116.76 39143 -219.46 39144 -182.09 39145 243.38 39146
54.409 39147 -78.29 39148 -54.149 39149 270.66 39150 221.85 39151 139.78 39152 122.76
39153 152.49 39154 114.68 39155 -10.058 39156 187.21 39157 136.51 39158 33.803 39159
-51.381 39160 -74.156 39161 -68.644 39162 -73.925 39163 -65.067 39164 -59.436 39165
-125.82 39166 -192.75 39167 32.083 39168 45.508 39169 35.565 39170 66.002 39171 34.132
39172 87.51 39173 60.076 39174 115.88 39175 125.65 39176 33.31 39177 117.45 39178
51.411 39179 135.44 39180 143.12 39181 -26.742 39182 -142. 39183 -70.889 39184 -80.075
39185 -54.781 39186 -133.59 39187 -89.731 39188 -7.0111 39189 -11.12 39190 -15.767 39191
-18.058 39192 -11.465 39193 -6.8555 39194 -21.225 39195 -31.068 39196 -9.1502 39197
-18.905 39198 -97.942 39199 -30.677 39200 -50.848 39201 1.7317 39202 6.2817 39203
-22.046 39204 -1.9118 39205 -24.779 39206 -103.26 39207 -50.973 39208 -45.031 39209
-25.854 39210 -56.561 39211 -51.455 39212 11.984 39213 5.5511 39214 3.7907 39215 -19.077
39216 5.2924 39217 14.969 39218 1.8851 39219 27.621 39220 32.24 39221 -0.2271 39222
-2.6773 39223 -3.5449 39224 -3.6347 39225 -14.621 39226 29.907 39227 -3.4123 39228
14.877 39229 18.357 39230 14.904 39231 95.842 39232 27.555 39233 32.175 39234 90.582
39235 41.801 39236 35.935 39237 15.975 39238 52.545 39239 12.903 39240 -2.693 39241
16.383 39242 -2.693 39243 13.229 39244 -18.708 39245 -30.48 39246 -2.8337 39247 -50.651
39248 1.9803 39249 0.14925 39250 1.7921 39251 -0.73452 39252 -8.4862 39253 16.072
39254 -14.527 39255 123.16 39256 41.443 39257 38.071 39258 58.038 39259 78.671 39260
58.766 39261 47.385 39262 230.43 39263 102.41 39264 123.04 39265 185.62 39266 103.13
39267 91.752 39268 372.41 39269 165.31 39270 343.28 39271 185.94 39272 232.95 39273
222.51 39274 248.52 39275 135.26 39276 166.03 39277 619.07 39278 422.37 39279 312.03
39280 301.59 39281 327.6 39282 557.2 39283 589.94 39284 479.6 39285 469.16 39286
495.17 39287 512.81 39288 575.18 39289 474.71 39290 104.24 39291 32.633 39292 33.785
39293 50.588 39294 76.658 39295 37.493 39296 42.614 39297 38.779 39298 202.73 39299
87.574 39300 113.64 39301 79.6 39302 75.765 39303 78.444 39304 119.35 39305 327.34
39306 149.08 39307 269.15 39308 175.15 39309 243.73 39310 228.08 39311 139.95 39312
180.85 39313 596.43 39314 332.24 39315 306.83 39316 319.89 39317 291.17 39318 189.62
39319 243.95 39320 528.79 39321 557.33 39322 538.24 39323 512.83 39324 525.89 39325
497.17 39326 102.03 39327 31.596 39328 31.178 39329 38.371 39330 76.693 39331 42.466
39332 37.014 39333 40.542 39334 205. 39335 77.076 39336 115.4 39337 81.171 39338

75.719 39339 96.703 39340 114.58 39341 79.247 39342 349.17 39343 141.34 39344 246.54
39345 179.67 39346 243.85 39347 160.97 39348 178.85 39349 204.45 39350 613.73 39351
326.44 39352 323.75 39353 277.7 39354 258.74 39355 359.41 39356 284.35 39357 617.83
39358 634.89 39359 511.1 39360 508.41 39361 469.52 39362 462.37 39363 544.08 39364
142.54 39365 46.502 39366 47.337 39367 55.748 39368 130.85 39369 50.403 39370 66.296
39371 68.245 39372 255.44 39373 102.67 39374 177.78 39375 97.33 39376 113.22 39377
164.52 39378 404.16 39379 168.65 39380 321.19 39381 243.75 39382 358.21 39383 153.43
39384 179.19 39385 230.49 39386 160.43 39387 192.61 39388 710.39 39389 403.94 39390
440.96 39391 236.18 39392 313.24 39393 373.32 39394 275.36 39395 609.47 39396 627.42
39397 664.44 39398 649.27 39399 508.31 39400 596.79 39401 216.73 39402 82.112 39403
218.39 39404 153.27 39405 118.4 39406 82.153 39407 104.38 39408 368.66 39409 146.59
39410 282.87 39411 217.76 39412 182.88 39413 598.04 39414 234.05 39415 381.57 39416
370.32 39417 441.71 39418 305.21 39419 281.9 39420 270.33 39421 410.85 39422 329.56
39423 318.65 39424 978.86 39425 523.49 39426 583.64 39427 552.78 39428 471.49 39429
697.5 39430 934.5 39431 762.38 39432 822.53 39433 791.67 39434 847.62 39435 723.53
39436 936.39 39437 203.31 39438 77.735 39439 143.45 39440 91.329 39441 111.84 39442
364.67 39443 142.95 39444 208.66 39445 156.54 39446 177.05 39447 189.75 39448 549.03
39449 239.09 39450 352.01 39451 304.81 39452 393. 39453 404.07 39454 355.27 39455
273.2 39456 258.54 39457 285.9 39458 813.89 39459 440.22 39460 481.21 39461 492.29
39462 443.48 39463 616.88 39464 657.86 39465 668.94 39466 620.14 39467 704.53 39468
652.41 39469 439.8 39470 122.63 39471 158.26 39472 248.93 39473 173.56 39474 205.4
39475 149.1 39476 351.06 39477 441.73 39478 373.48 39479 392.1 39480 366.36 39481
398.19 39482 472.8 39483 127.53 39484 128.57 39485 138.57 39486 303.73 39487 273.3
39488 169.72 39489 206.93 39490 159.94 39491 463.71 39492 347.16 39493 512.32 39494
481.89 39495 402.27 39496 378.31 39497 492. 39498 144.41 39499 177.44 39500 298.37
39501 245.56 39502 181.28 39503 185.59 39504 205.74 39505 176.23 39506 241.62 39507
373.08 39508 494.01 39509 441.2 39510 624.88 39511 499.2 39512 437.26 39513 -434.9
39514 -234.52 39515 -236.42 39516 -269.19 39517 -354.85 39518 -316.46 39519 -299.42
39520 -289.42 39521 -292.85 39522 -254.1 39523 -244.27 39524 -329.93 39525 -291.54
39526 -225.34 39527 -276.48 39528 -264.51 39529 58.625 39530 73.595 39531 37.613 39532
-0.5131 39533 181.99 39534 -3.8998 39535 51.818 39536 72.595 39537 74.662 39538 64.134
39539 7.7318 39540 10.844 39541 10.12 39542 166.02 39543 65.199 39544 14.675 39545
75.626 39546 28.106 39547 33.772 39548 27.476 39549 17.288 39550 5.4237 39551 1.7198
39552 76.492 39553 26.236 39554 6.2741 39555 15.844 39556 -5.9498 39557 1.6081 39558
-3.1669 39559 -15.947 39560 -17.577 39561 -2.9304 39562 -7.8186 39563 2.1789 39564
-49.087 39565 -7.7045 39566 -9.8519 39567 -20.741 39568 -52.564 39569 4.9927 39570
0.11326 39571 -39.616 39572 -62.436 39573 -4.5285 39574 -20.83 39575 -70.827 39576
9.9942 39577 -12.64 39578 -11.356 39579 2.273 39580 -7.0543 39581 -18.173 39582 -9.7676
39583 -7.7543 39584 2.3169 39585 -12.661 39586 -9.0841 39587 -136.77 39588 -177.85
39589 -5.5632 39590 -17.217 39591 -209.8 39592 -49.583 39593 -13.054 39594 -83.963
39595 -221.21 39596 -33.443 39597 -77.245 39598 -180.7 39599 -21.318 39600 -46.326
39601 -198.01 39602 9.5116 39603 6.9704 39604 -33.916 39605 -3.8356 39606 -1.5234 39607
-1.2188 39608 -53.729 39609 25.569 39610 -107.25 39611 -0.73973 39612 -1.1994 39613
-8.1992 39614 7.2978 39615 8.1146 39616 -5.697 39617 1.8263 39618 4.9373 39619 4.7482
39620 8.3727 39621 -2.7777 39622 -5.5162 39623 33.732 39624 15.372 39625 16.587 39626
16.434 39627 38.628 39628 28.686 39629 -118.78 39630 59.72 39631 -9.277 39632 45.229
39633 189.37 39634 -8.9021 39635 38.739 39636 6.8819 39637 88.031 39638 174.73 39639
27.467 39640 48.293 39641 21.885 39642 63.042 39643 197.56 39644 27.091 39645 38.848
39646 51.925 39647 220.14 39648 47.203 39649 25.76 39650 189.44 39651 4.9146 39652
-1.4633 39653 56.634 39654 1.6825 39655 6.9235 39656 20.761 39657 94.772 39658 85.077
39659 38.668 39660 26.925 39661 0.16821 39662 19.6 39663 110.75 39664 112.21 39665
71.45 39666 121.43 39667 1.9076 39668 1.539 39669 2.6803 39670 -10.036 39671 -47.911
39672 -20.96 39673 1.7299 39674 2.829 39675 5.2546 39676 33.058 39677 35.182 39678
32.085 39679 56.014 39680 -10.23 39681 21.039 39682 -119.27 39683 -136.02 39684 -124.86
39685 -115.16 39686 -139.44 39687 -98.352 39688 -104.78 39689 -101.08 39690 -100.65
39691 -125.66 39692 -142.79 39693 -2.0241e-009 39694 -0.3108 39695 0.44103 39696 15.922
39697 3.4739 39698 1.8311 39699 -6.7575 39700 2.2721 39701 -6.8043 39702 -44.343 39703

-39.602 39704 118.17 39705 125.89 39706 122.79 39707 146.72 39708 155.61 39709 120.31
39710 92.8 39711 111.5 39712 126.63 39713 89.646 39714 109.41 39715 123.25 39716
-31.448 39717 -31.859 39718 -92.61 39719 -30.064 39720 -15.464 39721 -11.163 39722
-73.681 39723 -30.41 39724 -61.03 39725 -159.8 39726 -222.5 39727 -178.64 39728 -249.26
39729 -219.18 39730 -153.2 39731 -204.11 39732 -229.12 39733 -273.26 39734 -277.07 39735
-240.54 39736 -201.12 39737 209.56 39738 281.55 39739 260.11 39740 246.01 39741 257.77
39742 270.85 39743 212.59 39744 233.41 39745 207.01 39746 242.53 39747 251.38 39748
219.52 39749 230.55 39750 267.64 39751 259.06 39752 256.22 39753 319.04 39754 272.63
39755 260.89 39756 346.17 39757 355.4 39758 111.07 39759 194.89 39760 205.58 39761
-84.805 39762 -101.11 39763 -151.1 39764 -92.917 39765 -98.236 39766 -109.13 39767
-140.95 39768 -128. 39769 -187.42 39770 -58.531 39771 -60.161 39772 -47.491 39773
-40.405 39774 -91.67 39775 -50.288 39776 12.057 39777 -9.7368 39778 4.6244 39779 3.902
39780 -6.9538 39781 -25.405 39782 59.913 39783 53.617 39784 52.377 39785 128.49 39786
117.96 39787 119.03 39788 133.2 39789 148.17 39790 134.1 39791 126.39 39792 -24.36
39793 -26.887 39794 -57.594 39795 -72.177 39796 -19.987 39797 -20.945 39798 -46.546
39799 -31.931 39800 -42.855 39801 -0.81014 39802 -11.796 39803 -22.72 39804 24.148
39805 -1.6777 39806 31.864 39807 28.767 39808 24.058 39809 60.627 39810 54.503 39811
87.322 39812 19.076 39813 18.193 39814 34.999 39815 54.762 39816 -0.88377 39817 15.922
39818 0.75906 39819 -29.948 39820 -6.9926 39821 -44.531 39822 -22.124 39823 -23.454
39824 -21.441 39825 -15.81 39826 134.82 39827 243.21 39828 120.75 39829 57.322 39830
113.04 39831 127.11 39832 140.17 39833 113.81 39834 258.18 39835 135.72 39836 141.14
39837 128.01 39838 120.03 39839 221.92 39840 121.09 39841 131.52 39842 87.54 39843
53.1 39844 211.39 39845 110.57 39846 59.283 39847 108.3 39848 58.043 39849 38.081
39850 42.202 39851 42.799 39852 102. 39853 51.747 39854 35.931 39855 9.623 39856
23.984 39857 23.262 39858 12.406 39859 25.146 39860 -20.12 39861 -9.388 39862 -27.839
39863 -29.698 39864 -61.208 39865 -19.826 39866 -31.534 39867 -44.711 39868 -62.837
39869 -42.631 39870 -74.453 39871 -61.505 39872 -40.209 39873 -101.94 39874 -72.395
39875 -131.81 39876 -43.199 39877 -93.196 39878 -42.097 39879 121.17 39880 123. 39881
-48.722 39882 -15.166 39883 93.207 39884 198.9 39885 126.04 39886 194.24 39887 74.139
39888 148.15 39889 64.659 39890 57.334 39891 149.94 39892 138.2 39893 147.42 39894
-138.33 39895 -78.674 39896 -69.699 39897 -85.324 39898 -125.38 39899 -61.576 39900
-59.608 39901 -64.488 39902 -26.439 39903 -48.534 39904 -104.22 39905 -54.49 39906
-163.64 39907 13.312 39908 19.715 39909 -21.874 39910 -6.2961 39911 1.0984 39912 24.841
39913 -24.747 39914 -8.785 39915 14.654 39916 20.747 39917 17.778 39918 91.815 39919
24.581 39920 -2.5745 39921 13.003 39922 21.597 39923 25.743 39924 -5.4483 39925 37.26
39926 -0.19004 39927 -35.373 39928 154.99 39929 3.6406 39930 64.592 39931 40.372 39932
39.697 39933 5.1895 39934 222.2 39935 -34.94 39936 20.769 39937 105.15 39938 36.31
39939 -0.26562 39940 -0.18039 39941 0.38262 39942 -0.12362 39943 2.6466e-004 39944
0.17794 39945 -1.1349 39946 1.9626 39947 2.8915 39948 1.7088 39949 1.7237 39950 2.7005
39951 -3.7071 39952 -45.177 39953 -3.3362 39954 29.757 39955 -1.3761 39956 3.5888 39957
-1.0217 39958 -14.946 39959 11.091 39960 -2.6094 39961 -139.06 39962 0.99727 39963
0.50005 39964 -0.24432 39965 5.35 39966 2.2242 39967 19.187 39968 106.71 39969 0.34709
39970 -3.0785e-002 39971 9.2382e-002 39972 -1.4346e-002 39973 0.27304 39974 -0.86215
39975 5.7222 39976 1.2224 39977 -0.16228 39978 -0.25134 39979 5.7461e-002 39980
-0.11136 39981 2.6586e-002 39982 0.19222 39983 3.9281 39984 1.6817 39985 8.8743e-002
39986 0.24683 39987 0.25866 39988 -0.12793 39989 -0.1237 39990 -1.2589 39991 -4.2795
39992 0.82571 39993 -5.2018e-002 39994 0.28163 39995 0.53903 39996 0.18787 39997
0.36323 39998 0.37219 39999 -4.0447 40000 -3.843 40001 -3.3451 40002 -6.7161 40003
0.99148 40004 1.8705 40005 2.0204 40006 0.72 40007 -2.3621 40008 41.32 40009 -9.3552
40010 21.414 40011 -2.1603 40012 -2.5102 40013 -0.95396 40014 -1.3092 40015 -0.5778
40016 3.098 40017 -1.147 40018 5.8207 40019 -22.766 40020 4.4641 40021 -11.077 40022
-0.37207 40023 -2.6903e-002 40024 -0.41525 40025 -0.42867 40026 -0.4063 40027 4.7365
40028 -4.1236 40029 -7.4946 40030 1.2521 40031 0.76448 40032 0.27338 40033 -0.36559
40034 1.2277 40035 5.9266 40036 -68.826 40037 3.5351 40038 -8.061 40039 -0.71859 40040
-0.83626 40041 -0.27289 40042 -0.60572 40043 7.993 40044 4.1577 40045 -0.59209 40046
-7.3405e-002 40047 -0.2128 40048 7.0355e-002 40049 7.4583e-002 40050 -8.9265 40051
18.563 40052 1.024 40053 -0.90155 40054 -5.8803 40055 -7.7321 40056 -5.6523 40057

-11.126 40058 -91.17 40059 -74.129 40060 -42.101 40061 -0.83152 40062 -3.2202 40063
2.591 40064 -3.0854 40065 3.3194 40066 20.216 40067 39.106 40068 76.316 40069 2.9166
40070 1.0702 40071 -0.10364 40072 1.4437 40073 -0.66051 40074 -124.65 40075 -133.63
40076 32.979 40077 -13.429 40078 -6.631 40079 3.5182 40080 2.0643 40081 2.6661 40082
1.7107 40083 1.8517 40084 -1.9637 40085 64.104 40086 59.37 40087 0.23835 40088 36.488
40089 0.5835 40090 0.34493 40091 7.7417e-002 40092 0.59533 40093 0.31706 40094
0.21271 40095 -9.9532 40096 -3.9428 40097 -7.1473 40098 -2.2666e-002 40099 -6.9129e-002
40100 0.30703 40101 -2.0881e-003 40102 -0.12773 40103 1.0217e-002 40104 8.8764 40105
2.7596 40106 0.14774 40107 -0.54303 40108 -0.48395 40109 -0.78898 40110 -0.30356 40111
-0.59067 40112 10.5 40113 5.1459 40114 8.575 40115 0.59602 40116 3.5607 40117 2.6758
40118 1.0881 40119 19.346 40120 -33.773 40121 -97.997 40122 0.67556 40123 0.49976
40124 0.4743 40125 0.52797 40126 -47.933 40127 -7.4252 40128 -6.8603 40129 -4.0563
40130 -5.2085 40131 -15.283 40132 7.8673 40133 4.975 40134 10.755 40135 1.8491 40136
12.346 40137 4.361 40138 -24.621 40139 -20.669 40140 106.34 40141 -4.8879 40142 -0.3108
40143 15.71 40144 -8.5886 40145 0.44103 40146 1.021e-002 40147 0.30517 40148 1.4144e-
002 40149 0.36739 40150 3.0359 40151 30.839 40152 1.1182 40153 1.447 40154 -12.449
40155 2.3592 40156 -0.34722 40157 9.4197e-002 40158 2.2752e-002 40159 -8.1602e-002
40160 -0.20522 40161 -5.3388e-002 40162 -4.2878 40163 -3.7899 40164 -4.9229 40165
2.5635 40166 1.8342 40167 2.1533 40168 1.409 40169 1.7491 40170 0.13572 40171 15.712
40172 36.385 40173 -16.434 40174 46.784 40175 -82.739 40176 108.36 40177 -0.23274
40178 0.55137 40179 -1.9899 40180 -50.04 40181 -2.6363 40182 -13.049 40183 1.7591 40184
-0.29102 40185 1.8228 40186 -4.0923 40187 2.7307 40188 0.81301 40189 -3.3538 40190
4.7638e-002 40191 -6.3346 40192 -6.9316 40193 31.117 40194 56.155 40195 49.034 40196
17.694 40197 9.0223 40198 -46.661 40199 -3.345 40200 -1.233 40201 -7.6363 40202 -6.9094
40203 -8.2333 40204 -5.865 40205 42.4 40206 16.392 40207 72.492 40208 4.4996 40209
2.2469 40210 1.5912 40211 2.1986 40212 -32.261 40213 -72.39 40214 -11.846 40215 6.753
40216 67.704 40217 7.4798 40218 3.0566 40219 3.1685 40220 4.604 40221 3.7759 40222
-1.5548 40223 -130.47 40224 -28.922 40225 -10.269 40226 -4.3828 40227 0.38884 40228
-1.2655 40229 -1.2506 40230 7.1309 40231 -70.78 40232 -48.151 40233 -6.3105 40234
-38.752 40235 1.4366 40236 0.15418 40237 -2.6648 40238 0.25387 40239 -3.5202 40240
37.666 40241 62.547 40242 57.814 40243 -4.7911 40244 28.302 40245 93.696 40246 2.3747
40247 0.64409 40248 -2.5914 40249 2.1745 40250 34.283 40251 38.595 40252 29.231 40253
-5.3264 40254 -2.0468 40255 4.3239 40256 4.4927 40257 2.6845 40258 3.6613 40259 -211.5
40260 -71.98 40261 -2.7463 40262 -44.216 40263 0.50302 40264 0.65872 40265 0.36683
40266 -0.33547 40267 -8.63 40268 -6.6177 40269 -3.7847 40270 -0.19714 40271 -0.13338
40272 -1.8742e-002 40273 -0.18998 40274 -0.16425 40275 0.1276 40276 3.6893 40277
4.9752 40278 1.4908 40279 -3.5244 40280 -2.8932 40281 -3.7247 40282 1.7463 40283
-10.132 40284 32.893 40285 0.65337 40286 2.1837 40287 7.6547 40288 -4.2238 40289
-5.3172 40290 -1.0799 40291 -2.3803 40292 -2.0757 40293 7.6329 40294 41.735 40295
18.314 40296 -5.6105 40297 -0.46632 40298 -0.2288 40299 -4.3833 40300 -0.68117 40301
0.52198 40302 0.85078 40303 6.4315 40304 -0.11308 40305 -1.4807 40306 -0.56545 40307
4.8115 40308 0.9665 40309 6.5473 40310 2.42 40311 -26.499 40312 0.45518 40313 -6.9228
40314 -4.5545 40315 43.711 40316 3.0747 40317 26.817 40318 -6.8087 40319 5.9139 40320
5.1789 40321 -0.1518 40322 -14.439 40323 -27.519 40324 9.7332 40325 0.21182 40326
0.16418 40327 0.45129 40328 0.20925 40329 0.44575 40330 -5.2742 40331 4.6376 40332
5.9007 40333 -0.7249 40334 -0.23947 40335 0.81022 40336 -5.965 40337 10.564 40338 5.21
40339 6.0194 40340 0.28854 40341 -1.4852e-002 40342 -8.2726e-003 40343 0.28358 40344
-2.1322 40345 3.8453 40346 2.7411 40347 -3.0659e-003 40348 -0.40598 40349 0.12324
40350 -0.57404 40351 -0.1079 40352 6.1627 40353 -4.0233 40354 -0.13529 40355 -0.6735
40356 0.22503 40357 2.8045e-003 40358 -0.37541 40359 -4.2908 40360 -7.4953 40361
-0.22244 40362 -0.26562 40363 -0.38924 40364 -8.7686e-002 40365 -3.9739 40366 3.6482
40367 -1.4005 40368 -5.1069 40369 1.4018 40370 -1.9718 40371 -0.81413 40372 -0.37848
40373 -1.1369 40374 -0.67037 40375 1.9289 40376 -9.6672 40377 17.822 40378 1.7984
40379 0.75601 40380 1.3012 40381 63.149 40382 35.533 40383 45.932 40384 -1.0694 40385
5.049 40386 -9.3535e-002 40387 -1.6327 40388 1.204 40389 9.6236 40390 2.1163 40391
-26.261 40392 -1.7759 40393 -1.6955 40394 1.2899 40395 17.183 40396 19.132 40397 1.5006
40398 1.3883 40399 3.1124 40400 5.6243 40401 221.54 40402 54.591 40403 46.019 40404

107.6 40405 -2.4294 40406 -0.834 40407 -7.9034 40408 9.6837 40409 -21.74 40410 -60.908
40411 -140.46 40412 -4.2348 40413 0.20885 40414 76.877 40415 51.134 40416 11.122 40417
-4.5026 40418 -20.487 40419 0.91208 40420 0.91582 40421 -73.065 40422 -17.356 40423
-38.488 40424 -1.8152 40425 -0.55247 40426 0.24208 40427 -6.7041e-002 40428 5.284 40429
8.8115 40430 2.6946 40431 -4.2138 40432 2.9179 40433 -30.968 40434 -73.554 40435 19.815
40436 38.705 40437 20.147 40438 0.14832 40439 -0.52042 40440 33.119 40441 -13.289
40442 -0.11311 40443 3.5627 40444 -0.4165 40445 3.4099 40446 -2.5339 40447 -10.613
40448 -0.59075 40449 0.99667 40450 0.66383 40451 0.28444 40452 -46.291 40453 9.2625
40454 5.4272 40455 -6.8039 40456 -15.563 40457 4.3162e-004 40458 0.15034 40459 0.20401
40460 -4.0304 40461 -7.7492 40462 -4.6655 40463 -1.4629 40464 -217.28 40465 -50.003
40466 12.516 40467 -40.604 40468 -3.0183 40469 62.194 40470 3.4205 40471 0.94785 40472
-2.1812 40473 -2.0033 40474 -135.5 40475 -98.137 40476 -1.0175 40477 -2.7778 40478
81.743 40479 15.48 40480 25.449 40481 -5.729 40482 -101.86 40483 4.3181e-002 40484
2.976e-002 40485 -3.6651 40486 1.7106 40487 -0.18039 40488 -0.30603 40489 -0.18012
40490 -2.4543e-003 40491 3.7334 40492 -1.3153 40493 5.2691 40494 8.6981 40495 0.48697
40496 0.259 40497 0.38289 40498 -9.7833 40499 -0.7523 40500 -3.7729 40501 -4.4587 40502
-2.9186 40503 5.4778 40504 59.375 40505 3.3728 40506 -7.9636 40507 0.10435 40508
-1.9265e-002 40509 0.13257 40510 -10.062 40511 -4.7369 40512 -7.2557 40513 0.54616
40514 0.14439 40515 0.46197 40516 4.0237 40517 5.3096 40518 2.8214e-002 40519 0.13809
40520 -7.36 40521 -0.48543 40522 10.318 40523 8.3931 40524 10.822 40525 -13.477 40526
-19.85 40527 3.2999 40528 7.7785 40529 -4.4469 40530 -25.13 40531 49.077 40532 -0.43484
40533 -0.61823 40534 -0.15327 40535 18.341 40536 4.0385 40537 0.16765 40538 -167.99
40539 -1.4457 40540 -18.016 40541 -39.148 40542 -84.32 40543 1.6693 40544 -212.51 40545
-45.231 40546 -7.549 40547 -3.6627 40548 -87.592 40549 -38.524 40550 -60.554 40551
-140.11 40552 -0.20082 40553 -4.5833 40554 -4.3816 40555 0.31485 40556 5.6602 40557
-1.8025 40558 3.0708 40559 -9.8814 40560 -1.519 40561 -1.2874 40562 -2.8266 40563 15.728
40564 8.4297 40565 76.021 40566 27.125 40567 31.542 40568 7.0037 40569 1.8119e-002
40570 -2.703e-002 40571 2.9424 40572 53.454 40573 21.894 40574 41.89 40575 -0.62748
40576 55.109 40577 27.869 40578 32.287 40579 0.75694 40580 -2.2694 40581 4.5536 40582
-12.989 40583 2.6358 40584 -41.373 40585 -15.088 40586 -1.4941 40587 -1.6207e-002 40588
-76.501 40589 -14.53 40590 -44.262 40591 -43.547 40592 -33.712 40593 5.193 40594 30.102
40595 -0.12564 40596 8.8785 40597 -0.42825 40598 0.62143 40599 -0.6703 40600 -75.863
40601 -33.075 40602 -6.1538 40603 -0.13274 40604 0.76579 40605 0.39649 40606 42.683
40607 0.16535 40608 6.4359 40609 28.662 40610 -0.29267 40611 18.201 40612 3.8992 40613
5.1623 40614 0.66256 40615 -47.366 40616 33.231 40617 -73.721 40618 -13.178 40619
51.873 40620 44.752 40621 13.412 40622 13.744 40623 -3.1208 40624 -2.0648 40625 -17.408
40626 -1.8301 40627 29.307 40628 -4.319 40629 11.633 40630 2.7275 40631 -38.722 40632
54.207 40633 -19.79 40634 -58.958 40635 -11.427 40636 -4.2317 40637 -7.9504 40638
-4.5815 40639 -4.4824 40640 -18.904 40641 -3.2793 40642 2.6303 40643 -21.003 40644
16.345 40645 -0.14505 40646 17.775 40647 -47.433 40648 6.3051 40649 8.1208 40650
-6.6897 40651 -3.1617 40652 9.7082 40653 8.5519 40654 -5.9002 40655 -5.1023 40656
1.4915e-002 40657 8.3964 40658 -5.0449 40659 0.14668 40660 45.522 40661 107.1 40662
18.834 40663 106.36 40664 15.399 40665 0.13023 40666 53.999 40667 0.37493 40668 0.3973
40669 5.5401 40670 -6.691 40671 -3.7083 40672 -0.17789 40673 -0.54719 40674 -0.77833
40675 5.4923 40676 1.0497 40677 -0.24205 40678 -5.7255 40679 -3.0277 40680 -122.96
40681 -131.94 40682 -8.1189 40683 70.238 40684 23.897 40685 16.151 40686 25.041 40687
70.019 40688 26.914 40689 69.674 40690 0.28397 40691 -0.41833 40692 -69.478 40693
-8.7129 40694 -6.7006 40695 5.1383 40696 1.654 40697 18.018 40698 3.7158 40699 -1.2585
40700 -4.9649 40701 -31.223 40702 -12.57 40703 6.0293 40704 26.238 40705 38.823 40706
12.815 40707 -1.8135 40708 6.3324 40709 2.2051 40710 20.047 40711 -72.826 40712 -3.5927
40713 39.433 40714 32.562 40715 -7.0478 40716 -7.0704 40717 7.817 40718 3.7248 40719
10.693 40720 -79.098 40721 -38.496 40722 -17.894 40723 -6.2056 40724 -44.935 40725
-3.6993e-003 40726 -9.0048 40727 -4.1595 40728 0.94571 40729 -1.5308 40730 -8.1476
40731 -67.012 40732 -28.831 40733 -50.022 40734 -0.11334 40735 5.2293e-002 40736 3.7882
40737 8.7529 40738 -10.138 40739 -7.8967 40740 -4.8131 40741 -7.3318 40742 -93.066
40743 -66.028 40744 0.30988 40745 -2.1059 40746 1.0066 40747 -5.4009 40748 -46.871
40749 -5.03 40750 -65.814 40751 -23.473 40752 -138.1 40753 -36.554 40754 23.241 40755

41.191 40756 71.283 40757 24.297 40758 -3.8864 40759 -2.2956 40760 -39.262 40761
-35.204 40762 -87.098 40763 -154.03 40764 -1.1347 40765 0.94994 40766 -31.597 40767
-4.6758 40768 7.3086 40769 0.49842 40770 3.6901 40771 0.1202 40772 33.638 40773 53.786
40774 74.939 40775 49.196 40776 81.031 40777 24.737 40778 -6.4412 40779 -22.425 40780
-37.24 40781 -3.6843 40782 -4.4241 40783 29.04 40784 -5.5174 40785 -0.10203 40786
-7.2219 40787 3.8782 40788 3.9261 40789 8.8908 40790 2.774 40791 1.6797 40792 13.483
40793 20.854 40794 91.565 40795 19.392 40796 62.153 40797 7.4652 40798 17.962 40799
24.428 40800 111.95 40801 98.44 40802 4.831 40803 -64.779 40804 14.548 40805 7.5821
40806 -21.337 40807 13.122 40808 13.245 40809 -13.225 40810 -9.2727 40811 -128. 40812
-127.55 40813 -68.818 40814 -18.047 40815 -26.338 40816 -6.3584 40817 -36.982 40818
36.459 40819 -2.3472 40820 24.441 40821 18.043 40822 6.6622 40823 -0.24759 40824
-5.9676 40825 3.9442 40826 -0.71525 40827 6.0215 40828 9.4056 40829 7.9796 40830
6.8512 40831 55.818 40832 -18.179 40833 108.83 40834 4.0918 40835 -0.95698 40836
4.1807 40837 -61.118 40838 14.688 40839 3.3515 40840 -1.8075 40841 4.17 40842 5.3242
40843 -7.6948 40844 -4.8618 40845 -40.112 40846 -141.7 40847 -104.34 40848 33.265 40849
53.103 40850 3.5437 40851 -40.465 40852 21.246 40853 -0.84859 40854 -48.899 40855
-1.4951 40856 -11.655 40857 -44.276 40858 -4.0363 40859 15.165 40860 7.8664 40861
-14.196 40862 0.35913 40863 41.768 40864 24.745 40865 18.347 40866 16.672 40867 6.4475
40868 42.11 40869 73.145 40870 -97.876 40871 -84.079 40872 -87.889 40873 -95.286 40874
-151.39 40875 92.855 40876 -174.64 40877 -93.266 40878 -27.765 40879 -160.58 40880 13.05
40881 16.675 40882 15.178 40883 42.034 40884 25.174 40885 23.675 40886 10.911 40887
-4.6826 40888 19.41 40889 17.91 40890 23.351 40891 39.895 40892 21.535 40893 48.711
40894 -0.33764 40895 -14.149 40896 -131.12 40897 146.65 40898 -2.7974 40899 -127.52
40900 138.81 40901 -66.332 40902 147.08 40903 -131.13 40904 66.257 40905 -64.482 40906
1.1267 40907 32.66 40908 -3.6201 40909 27.771 40910 8.0935 40911 -26.077 40912 -43.86
40913 -19.844 40914 -5.5607 40915 16.03 40916 14.53 40917 284.88 40918 271.7 40919
289.35 40920 -65.385 40921 -153.26 40922 -161.55 40923 -168.5 40924 -130.52 40925
-188.24 40926 -180.3 40927 -172.19 40928 -98.752 40929 -117.11 40930 -244.51 40931
-200.24 40932 -239.27 40933 -139.94 40934 81.642 40935 25.281 40936 -28.894 40937
172.15 40938 174.52 40939 248.24 40940 178.78 40941 198.71 40942 154.37 40943 276.45
40944 39.338 40945 185.9 40946 31.071 40947 32.808 40948 52.112 40949 -24.614 40950
-19.807 40951 8.1963 40952 43.281 40953 23.223 40954 2.8848 40955 -29.192 40956 60.485
40957 -36.617 40958 -115.7 40959 -10.103 40960 -18.535 40961 51.348 40962 32.538 40963
-55.566 40964 -12.597 40965 -54.161 40966 12.182 40967 -161.46 40968 101.45 40969
-0.78531 40970 -283.15 40971 -306.07 40972 -53.341 40973 -115.63 40974 -103.68 40975
-9.4597 40976 -246.12 40977 147.77 40978 12.03 40979 59.737 40980 -49.317 40981 103.38
40982 -32.289 40983 165.76 40984 141.03 40985 23.411 40986 260.27 40987 66.662 40988
102.45 40989 -171.08 40990 23.542 40991 136.48 40992 -137. 40993 -14.81 40994 87.746
40995 52.486 40996 340.38 40997 149.66 40998 37.775 40999 -83.024 41000 17.798 41001
197.55 41002 129.41 41003 135.16 41004 -105.61 41005 -77.921 41006 -148.91 41007
-109.49 41008 -44.692 41009 -57.135 41010 -236.91 41011 -90.489 41012 -116.65 41013
-98.422 41014 112.74 41015 83.871 41016 64.536 41017 183.83 41018 98.343 41019 180.94
41020 74.286 41021 111.55 41022 84.166 41023 72.794 41024 9.1034 41025 81.172 41026
0.87508 41027 64.319 41028 71.728 41029 63.962 41030 23.566 41031 83.109 41032 -365.15
41033 -162.48 41034 -268.82 41035 -165.28 41036 -329.75 41037 -176.36 41038 -38.276
41039 -188.92 41040 -130.05 41041 -401.55 41042 -98.437 41043 -200. 41044 -237.41 41045
-214.5 41046 195.02 41047 145.6 41048 111.17 41049 147.46 41050 289.49 41051 164.39
41052 -219.08 41053 -323.3 41054 -131.01 41055 -209.8 41056 -448.12 41057 -277.13 41058
-175.34 41059 -202.71 41060 218.93 41061 184.25 41062 96.595 41063 137.99 41064 131.28
41065 140.28 41066 155.77 41067 217.27 41068 128.15 41069 186.91 41070 66.852 41071
164.95 41072 73.032 41073 204.68 41074 36.313 41075 252.15 41076 129.68 41077 172.54
41078 -111.15 41079 212.98 41080 40.902 41081 5.7913 41082 -53.668 41083 -7.9829 41084
189.7 41085 -93.994 41086 72.614 41087 26.206 41088 194.89 41089 33.004 41090 -116.7
41091 -159.74 41092 -101.98 41093 -134.6 41094 -229.29 41095 -182.43 41096 -105.38
41097 -106.55 41098 -108.9 41099 -113.98 41100 454.32 41101 318.87 41102 275.59 41103
293.55 41104 288.96 41105 363.51 41106 84.097 41107 103.4 41108 98.569 41109 134.36
41110 156.73 41111 111.77 41112 84.392 41113 -216.87 41114 -325.65 41115 -249.89 41116

-145.51 41117 -266.3 41118 -339.41 41119 -165.48 41120 -278.79 41121 -61.231 41122 -92.798
41123 -106.89 41124 -69.459 41125 -125.82 41126 -73.799 41127 -154.72 41128 -86.269
41129 -81.732 41130 -126.42 41131 -163.45 41132 -303.87 41133 -149.72 41134 -186.44
41135 -257.71 41136 -117.21 41137 -162.05 41138 18.28 41139 -69.823 41140 -96.738 41141
26.351 41142 -26.855 41143 28.647 41144 -89.653 41145 228.24 41146 192.71 41147 173.9
41148 310.93 41149 345.57 41150 234.84 41151 418.52 41152 230.9 41153 153.55 41154
-20.829 41155 49.054 41156 47.792 41157 -4.8098 41158 -14.253 41159 55.376 41160 9.8882
41161 103.99 41162 61.97 41163 73.073 41164 -73.02 41165 91.037 41166 2.2466 41167
57.263 41168 35.893 41169 74.531 41170 30.615 41171 45.642 41172 82.903 41173 -89.78
41174 135.85 41175 11.281 41176 13.757 41177 132.96 41178 2.6781 41179 26.308 41180
-28.455 41181 102.21 41182 147.16 41183 85.004 41184 102.21 41185 -142.6 41186 -127.87
41187 -91.414 41188 -95.058 41189 -257.05 41190 -131.27 41191 -103.66 41192 -16.666
41193 -134.79 41194 -41.774 41195 21.669 41196 -12.76 41197 -19.083 41198 40.459 41199
-72.276 41200 -54.047 41201 -37.552 41202 46.391 41203 80.906 41204 31.347 41205
-12.662 41206 17.78 41207 49.049 41208 32.588 41209 -1.2043 41210 -83.749 41211 -47.454
41212 -263.52 41213 -329.82 41214 -162.3 41215 -143.26 41216 -132.11 41217 -74.344 41218
-37.89 41219 -77.747 41220 -81.271 41221 -244.7 41222 -80.925 41223 -317.58 41224
-336.49 41225 -197.84 41226 -120.78 41227 -103.75 41228 283.69 41229 133.05 41230
252.25 41231 155.54 41232 101.15 41233 130.21 41234 93.381 41235 112.53 41236 96.44
41237 313.57 41238 335.94 41239 298.86 41240 380.57 41241 126.31 41242 133.72 41243
-1.271 41244 248.35 41245 270.2 41246 73.995 41247 145.1 41248 129.01 41249 216.23
41250 128.58 41251 333.57 41252 406.51 41253 160.13 41254 218.9 41255 -31.885 41256
-129.7 41257 -25.322 41258 -45.299 41259 -77.682 41260 -158.61 41261 -87.646 41262
-166.43 41263 -136.97 41264 -131.98 41265 -174.41 41266 -159.35 41267 -149.27 41268
-243.84 41269 -399.96 41270 -158.72 41271 -284.17 41272 -157.17 41273 -92.236 41274
-54.809 41275 -26.806 41276 -64.195 41277 -66.543 41278 -71.619 41279 -82.04 41280
-11.967 41281 49.607 41282 13.072 41283 -118.76 41284 -25.39 41285 119.96 41286 69.994
41287 -219.55 41288 -87.429 41289 -143.79 41290 -172.69 41291 -104.24 41292 -238.49
41293 -387.14 41294 -406.04 41295 -267.39 41296 -27.311 41297 -66.812 41298 -62.276
41299 42.455 41300 84.294 41301 95.675 41302 127.22 41303 135.29 41304 298.89 41305
371.83 41306 184.22 41307 39.361 41308 -52.56 41309 -20.046 41310 -22.685 41311 46.945
41312 -64.886 41313 1.4568 41314 91.694 41315 228.72 41316 56.641 41317 47.198 41318
152.63 41319 71.339 41320 -15.219 41321 80.955 41322 27.749 41323 83.251 41324 129.88
41325 52.529 41326 -243.74 41327 -130.24 41328 -197.58 41329 -60.354 41330 -101.92
41331 -123.15 41332 -270.65 41333 -508.98 41334 -337.99 41335 174.85 41336 270.84 41337
454.52 41338 328.84 41339 16.061 41340 115.57 41341 17.348 41342 -11.634 41343 13.107
41344 119.32 41345 -126.4 41346 66.631 41347 40.932 41348 -51.435 41349 17.126 41350
37.8 41351 109.78 41352 -48.899 41353 -1.5135 41354 82.107 41355 -43.91 41356 -101.5
41357 178.12 41358 141.04 41359 222.75 41360 133.16 41361 105.78 41362 39.474 41363
-159.3 41364 -199.77 41365 -12.886 41366 131.11 41367 -224.49 41368 -150.07 41369 175.16
41370 138.33 41371 245.12 41372 141.39 41373 155.53 41374 44.32 41375 -3.262 41376
186.35 41377 61.245 41378 -70.524 41379 -51.49 41380 -6.6656 41381 98.768 41382 156.77
41383 -5.1202 41384 -112.58 41385 -43.346 41386 23.645 41387 161.6 41388 220.46 41389
280.8 41390 252.08 41391 -19.619 41392 42.491 41393 161.48 41394 58.33 41395 128.48
41396 49.758 41397 -15.667 41398 111.34 41399 -73.41 41400 -44.649 41401 -163.37 41402
91.323 41403 137.96 41404 22.17 41405 -85.069 41406 -104.51 41407 -385.34 41408 -132.62
41409 -131.5 41410 118.38 41411 182.84 41412 74.451 41413 158.4 41414 130.29 41415
324.87 41416 183.91 41417 68.001 41418 272.39 41419 120.77 41420 103.08 41421 86.996
41422 460.53 41423 360.92 41424 508.42 41425 564.37 41426 427.13 41427 440.28 41428
653.14 41429 446.03 41430 415.85 41431 37.122 41432 137.94 41433 255.31 41434 225.12
41435 344.16 41436 -211.79 41437 5.2047 41438 -88.408 41439 -52.785 41440 -304.84 41441
-197.8 41442 -163.21 41443 18.575 41444 -103.08 41445 -249.17 41446 -196.69 41447
-398.47 41448 -306.09 41449 -89.711 41450 -173.91 41451 -201.75 41452 222.64 41453
-34.229 41454 -26.565 41455 126.13 41456 88.04 41457 -191.63 41458 161.6 41459 72.487
41460 82.886 41461 144.47 41462 -93.232 41463 -135.67 41464 -69.458 41465 -188.18 41466
-150.82 41467 -74.761 41468 26.06 41469 -6.3229 41470 137.67 41471 -268.66 41472 64.81
41473 -94.738 41474 111.48 41475 21.031 41476 -31.385 41477 -33.733 41478 -126.9 41479

-81.218 41480 -107.57 41481 -65.683 41482 -47.029 41483 -28.43 41484 -226.69 41485
-125.14 41486 -106.49 41487 125.86 41488 54.852 41489 89.324 41490 76.871 41491 50.863
41492 42.191 41493 36.235 41494 116.42 41495 216.73 41496 138.44 41497 234.91 41498
112.44 41499 -478.93 41500 -246.19 41501 -417.82 41502 -391.98 41503 -205.1 41504
-231.26 41505 54.751 41506 -8.1944 41507 53.352 41508 16.363 41509 -40.992 41510
-31.297 41511 54.406 41512 -32.183 41513 131.87 41514 127.28 41515 43.084 41516 98.099
41517 -327.57 41518 -103.01 41519 489.17 41520 -458.28 41521 -316.6 41522 -297.56 41523
145.24 41524 219.8 41525 116.06 41526 130.16 41527 101.44 41528 -0.12285 41529 51.157
41530 32.958 41531 52.159 41532 24.171 41533 274.05 41534 136.8 41535 125.52 41536
74.079 41537 80.171 41538 -7.3013 41539 -103.44 41540 -301.42 41541 -40.553 41542 -139.
41543 -52.229 41544 -104.74 41545 -341.91 41546 -67.273 41547 -111.28 41548 -214.14
41549 -26.712 41550 -84.997 41551 -196.69 41552 -274.82 41553 -357.24 41554 -461.81
41555 333.51 41556 235.69 41557 220.6 41558 135.21 41559 341.26 41560 225.07 41561
-235.05 41562 -232.78 41563 -252.52 41564 -236.47 41565 -14.815 41566 201.37 41567
56.605 41568 -84.255 41569 227.72 41570 147.53 41571 65.204 41572 160.3 41573 91.848
41574 38.001 41575 21.323 41576 44.234 41577 13.516 41578 16.671 41579 16.999 41580
3.6093 41581 4.7293 41582 3.1034 41583 57.232 41584 17.912 41585 -37.692 41586 -79.853
41587 -182.71 41588 -148.12 41589 -37.605 41590 145.73 41591 67.437 41592 3.8286 41593
26.801 41594 50.543 41595 294.64 41596 167.75 41597 264.21 41598 104.14 41599 150.85
41600 -254.12 41601 -225.9 41602 -112.49 41603 -40.422 41604 -345.31 41605 -116.27 41606
-78.292 41607 360.5 41608 -298.94 41609 -261.53 41610 -182.74 41611 -122.45 41612 216.2
41613 120.86 41614 293.94 41615 345.74 41616 203.39 41617 -94.048 41618 -91.424 41619
110.95 41620 122.53 41621 77.689 41622 -14.037 41623 -44.923 41624 -25.721 41625
-55.082 41626 47.641 41627 -14.204 41628 -21.202 41629 16.043 41630 6.1806 41631
-18.828 41632 -35.952 41633 -101.17 41634 -74.338 41635 -64.643 41636 -88.922 41637
-90.12 41638 -74.486 41639 -78.666 41640 -80.318 41641 -99.857 41642 -92.379 41643
63.641 41644 92.709 41645 20.536 41646 63.296 41647 92.082 41648 70.232 41649 87.177
41650 103.84 41651 70.437 41652 90.684 41653 73.458 41654 100.15 41655 87.302 41656
64.855 41657 100.38 41658 83.036 41659 65.322 41660 86.155 41661 95.044 41662 59.747
41663 103.86 41664 7.1764 41665 68.887 41666 81.54 41667 181.31 41668 117.52 41669
14.369 41670 -59.628 41671 -98.796 41672 271.91 41673 377.39 41674 267.4 41675 282.89
41676 274.24 41677 344.39 41678 265.67 41679 -73.628 41680 98.121 41681 113.61 41682
57.604 41683 46.267 41684 210.45 41685 280.59 41686 -211.5 41687 -194.45 41688 -78.131
41689 -118.65 41690 -129.99 41691 -196.43 41692 -138.86 41693 -217.6 41694 86.823 41695
310.32 41696 27.691 41697 43.267 41698 63.94 41699 122.7 41700 -55.184 41701 -215.62
41702 -414.98 41703 -169.69 41704 -241.97 41705 -207.39 41706 -252.57 41707 102.69
41708 -14.395 41709 -121.35 41710 -60.804 41711 -232.86 41712 -331.31 41713 247.57
41714 183.29 41715 305.57 41716 -118.06 41717 -242.83 41718 1.0468 41719 -1.5918 41720
68.037 41721 44.072 41722 -4.6475e-002 41723 -373.82 41724 -258.03 41725 -131.04 41726
110.4 41727 -80.101 41728 -194.73 41729 -93.181 41730 -33.386 41731 -257.35 41732 -382.8
41733 -255.8 41734 216.35 41735 312.81 41736 152.74 41737 246.44 41738 199.46 41739
-179.41 41740 -282.15 41741 116.66 41742 -9.3617 41743 50.393 41744 60.361 41745
-246.23 41746 -531.07 41747 -288.82 41748 -360.08 41749 -258.29 41750 -261.05 41751
-198.53 41752 -251.65 41753 93.37 41754 25.119 41755 -106.71 41756 -13.343 41757 -13.011
41758 -462.82 41759 -361.03 41760 182.61 41761 175.49 41762 144.49 41763 -39.745 41764
-240.23 41765 130.29 41766 51.477 41767 36.823 41768 28.056 41769 4.1312 41770 1.7211
41771 -219.31 41772 -297.35 41773 -58.598 41774 -59.834 41775 -56.358 41776 -96.93
41777 -55.793 41778 -52.989 41779 -55.399 41780 -167.55 41781 77.728 41782 165.92 41783
57.171 41784 25.611 41785 3.0896 41786 58.826 41787 -45.168 41788 -419.8 41789 -8.2914
41790 -117.04 41791 -167.84 41792 -281.15 41793 -219.38 41794 -127.32 41795 -359.18
41796 -282.13 41797 -297.41 41798 -265.1 41799 -255.88 41800 246.46 41801 149.74 41802
105.42 41803 114.63 41804 278.74 41805 236.99 41806 96.679 41807 129.89 41808 336.26
41809 216.43 41810 165.63 41811 218.09 41812 252.81 41813 371.85 41814 -63.776 41815
48.266 41816 -7.8552 41817 -3.0116 41818 5.7491 41819 12.02 41820 -0.99931 41821 1.8337
41822 12.693 41823 96.58 41824 -28.024 41825 -334.74 41826 -285.99 41827 -67.17 41828
-83.61 41829 -78.767 41830 -76.754 41831 -96.089 41832 -117.9 41833 -103.78 41834
-271.45 41835 135.79 41836 207.18 41837 -17.604 41838 -32.799 41839 1.6601 41840

-51.319 41841 -277.22 41842 -276.1 41843 -26.224 41844 -339.51 41845 -291.3 41846
-313.11 41847 -62.713 41848 -223.5 41849 -245.57 41850 -290.76 41851 -271.73 41852
-101.57 41853 -209.52 41854 -264.36 41855 -125.63 41856 -250.24 41857 156.55 41858
124.17 41859 336.31 41860 268.17 41861 160.21 41862 244.1 41863 355.92 41864 151.83
41865 219.42 41866 131.14 41867 115.94 41868 150.4 41869 290.81 41870 202.53 41871
452.4 41872 315.16 41873 541.17 41874 -67.494 41875 -230.5 41876 168.42 41877 26.429
41878 2.2148 41879 12.127 41880 34.275 41881 13.39 41882 -21.274 41883 39.846 41884
-349.26 41885 -313.87 41886 -118.63 41887 -221.49 41888 -108.08 41889 -81.16 41890
-104.65 41891 -288.64 41892 68.234 41893 182.69 41894 -58.008 41895 -8.0896 41896
-31.723 41897 5.625 41898 -512.26 41899 -76.327 41900 -317.02 41901 -419.88 41902
-232.45 41903 -290.74 41904 -77.954 41905 -384.49 41906 -252.31 41907 -267.65 41908
-206.53 41909 342.82 41910 146.61 41911 217.72 41912 290.34 41913 192.39 41914 280.55
41915 89.769 41916 85.641 41917 152.83 41918 66.135 41919 103.48 41920 238.87 41921
267.28 41922 180.59 41923 327.36 41924 -76.375 41925 -218.16 41926 118.61 41927 -15.171
41928 12.059 41929 50.918 41930 -42.213 41931 -336.17 41932 -307.95 41933 -125.56 41934
-132. 41935 -266.55 41936 31.566 41937 95.748 41938 -124.92 41939 -55.945 41940 -46.11
41941 -7.205 41942 -477.95 41943 -143.88 41944 -364.55 41945 -295.57 41946 -182.76
41947 -112.96 41948 -264.25 41949 -273.79 41950 72.519 41951 175.08 41952 156.12 41953
62.986 41954 154.24 41955 12.384 41956 55.833 41957 71.365 41958 51.289 41959 -2.2454
41960 76.566 41961 179.54 41962 135.55 41963 79.998 41964 254.09 41965 179.03 41966
-55.689 41967 -249.19 41968 153.99 41969 25.948 41970 24.791 41971 10.339 41972 -11.689
41973 -234.23 41974 -338.8 41975 -102.82 41976 -79.271 41977 -101.3 41978 -113.46 41979
-168.21 41980 36.396 41981 104.98 41982 -1.2839 41983 -8.7466 41984 -2.7691 41985
8.8199 41986 -16.825 41987 -2.1738 41988 -47.449 41989 -427.73 41990 -49.965 41991
-200.96 41992 -36.897 41993 -157.11 41994 -202.39 41995 -133.67 41996 -129.13 41997
-303.27 41998 -265.29 41999 -294.8 42000 -306.97 42001 137.89 42002 232.98 42003 144.86
42004 108.38 42005 154.64 42006 46.897 42007 48.183 42008 58.486 42009 91.764 42010
236.29 42011 106.01 42012 127.07 42013 160.34 42014 116.07 42015 -27.925 42016 -188.52
42017 215.26 42018 120.49 42019 25.813 42020 51.038 42021 26.629 42022 -1.4652 42023
12.818 42024 -205.56 42025 -253.72 42026 -37.579 42027 -52.168 42028 -53.646 42029
-66.673 42030 -62.405 42031 -52.39 42032 -163.4 42033 34.866 42034 81.874 42035 -15.809
42036 -8.6142 42037 -8.1163 42038 -31.572 42039 -11.487 42040 -20.246 42041 -72.709
42042 -192.2 42043 -164.59 42044 -186.15 42045 -77.596 42046 -195.72 42047 -174.83
42048 -10.54 42049 -174.76 42050 -212.76 42051 -250.18 42052 -227.26 42053 298.47 42054
229.02 42055 153.6 42056 326.68 42057 378.48 42058 125.56 42059 27.873 42060 58.643
42061 162.12 42062 74.881 42063 53.07 42064 59.118 42065 70.099 42066 167.68 42067
-10.796 42068 -156.33 42069 -74.331 42070 75.457 42071 19.772 42072 -34.075 42073
135.49 42074 -69.655 42075 80.132 42076 24.448 42077 -29.4 42078 -276.38 42079 -215.19
42080 -279.99 42081 -174.93 42082 -191.61 42083 -192.72 42084 -888.22 42085 -853.71
42086 -848.48 42087 -410.5 42088 -423.3 42089 -772.03 42090 -811.07 42091 -711.74 42092
-373.09 42093 301.92 42094 246.57 42095 310.19 42096 164.24 42097 190.88 42098 -776.55
42099 -338.57 42100 -351.38 42101 -732.28 42102 -632.95 42103 -294.3 42104 -216.56
42105 -333.34 42106 -156.27 42107 -194.38 42108 -259.18 42109 -154.13 42110 -171.91
42111 221.74 42112 285.36 42113 139.41 42114 166.06 42115 -92.934 42116 110.7 42117
960.52 42118 945.44 42119 1066.1 42120 949.9 42121 834.43 42122 762.21 42123 852.08
42124 394.23 42125 147.68 42126 953.18 42127 836.99 42128 359.4 42129 733.95 42130
823.81 42131 365.97 42132 293.75 42133 -174.41 42134 -175.51 42135 383.61 42136 363.87
42137 -85.4 42138 197.91 42139 224.29 42140 226.13 42141 234.81 42142 214.93 42143
283.12 42144 163.03 42145 364.7 42146 237.04 42147 -22.36 42148 287.66 42149 314.04
42150 315.88 42151 247.03 42152 178.82 42153 180.65 42154 244.11 42155 180.69 42156
236.41 42157 250.47 42158 113.94 42159 210.26 42160 291.84 42161 158.36 42162 360.03
42163 212.45 42164 222.88 42165 100.76 42166 80.801 42167 71.766 42168 38.398 42169
21.538 42170 20.038 42171 98.622 42172 81.762 42173 80.262 42174 15.829 42175 4.9731
42176 17.713 42177 -13.478 42178 -14.2 42179 -80.833 42180 -32.347 42181 -70.568 42182
-21.912 42183 -160.84 42184 -296.39 42185 -228.15 42186 -215.01 42187 -83.278 42188
-146.78 42189 -218.82 42190 -326.42 42191 -282.33 42192 -194.68 42193 -94.485 42194
-150.59 42195 -202.08 42196 -258.19 42197 -157.99 42198 -32.474 42199 -9.5192 42200

15.039 42201 34.802 42202 -27.369 42203 -12.753 42204 31.774 42205 28.678 42206 61.496
42207 -32.622 42208 -65.38 42209 -17.468 42210 132.98 42211 107.24 42212 75.901 42213
67.23 42214 76.233 42215 -220.56 42216 66.543 42217 -80.065 42218 -55.929 42219 -13.074
42220 -121.53 42221 -37.039 42222 125.86 42223 157.7 42224 85.852 42225 70.227 42226
131.96 42227 60.109 42228 69.113 42229 37.774 42230 97.529 42231 107.5 42232 76.319
42233 -19.814 42234 185.92 42235 63.448 42236 48.82 42237 119.55 42238 72.563 42239
-151.33 42240 -190.04 42241 -192.8 42242 -196.17 42243 -217.41 42244 -183.4 42245 159.91
42246 202.77 42247 178.8 42248 216.01 42249 -120.81 42250 -180.23 42251 -13.47 42252
56.159 42253 -52.302 42254 22.632 42255 32.194 42256 -55.672 42257 -11.925 42258 10.671
42259 -130.68 42260 -28.489 42261 -115.61 42262 -81.608 42263 -145.83 42264 -17.139
42265 -150.46 42266 89.324 42267 53.52 42268 -14.564 42269 8.0324 42270 -22.183 42271
-50.841 42272 8.9547 42273 -24.671 42274 38.117 42275 -55.578 42276 -13.738 42277
19.356 42278 -58.949 42279 -80.184 42280 84.75 42281 7.3943 42282 -156.07 42283 -106.9
42284 -158.05 42285 -124.04 42286 -146.07 42287 -225.63 42288 -188.26 42289 -63.223
42290 -116.4 42291 -74.559 42292 -141.01 42293 -107. 42294 -100.41 42295 -165.47 42296
-146.81 42297 -140.02 42298 6.1351 42299 -25.056 42300 -9.094 42301 130.48 42302 378.43
42303 125.43 42304 252.76 42305 190.82 42306 90.87 42307 113.47 42308 109.1 42309
170.6 42310 41.764 42311 -24.682 42312 140.25 42313 70.513 42314 19.793 42315 61.149
42316 188.48 42317 26.592 42318 94.972 42319 65.46 42320 119.85 42321 186.09 42322
68.585 42323 96.971 42324 57.248 42325 107.37 42326 155.74 42327 55.988 42328 92.237
42329 85.608 42330 151. 42331 315.73 42332 436.44 42333 374.5 42334 177.44 42335
98.725 42336 33.3 42337 12.432 42338 33.105 42339 -86.019 42340 158.47 42341 168.87
42342 -87.158 42343 -91.993 42344 -113.12 42345 -158.3 42346 48.682 42347 -70.442 42348
120.66 42349 -40.226 42350 -58.075 42351 -77.764 42352 -78.962 42353 -63.329 42354
44.276 42355 7.287 42356 27.05 42357 -54.81 42358 -50.069 42359 -40.374 42360 -11.331
42361 -42.129 42362 -144.83 42363 68.834 42364 88.597 42365 115.29 42366 102.44 42367
21.173 42368 51.608 42369 48.79 42370 65.452 42371 -68.069 42372 -63.328 42373 98.066
42374 3.9473 42375 -38.354 42376 -49.279 42377 -73.857 42378 -58.223 42379 -90.981
42380 20.788 42381 -61.615 42382 -34.663 42383 -24.624 42384 -76.365 42385 82.396 42386
62.219 42387 86.148 42388 19.904 42389 95.038 42390 0.91941 42391 -31.838 42392
-72.539 42393 -52.087 42394 -62.5 42395 -62.246 42396 -72.109 42397 -114.24 42398 83.052
42399 91.941 42400 -45.157 42401 -87.289 42402 72.005 42403 115.87 42404 14.519 42405
7.22 42406 -13.47 42407 -15.096 42408 -14.842 42409 -0.28734 42410 1.9548 42411 -42.383
42412 7.5356 42413 42.187 42414 2.867 42415 -16.098 42416 7.8644 42417 -11.106 42418
3.7371 42419 -9.9864 42420 42.516 42421 70.926 42422 3.1958 42423 -15.769 42424 -25.182
42425 -189.25 42426 -154.65 42427 -75.842 42428 -60.106 42429 -44.144 42430 -12.028
42431 26.421 42432 94.012 42433 5.7316 42434 118.36 42435 49.534 42436 107.08 42437
9.3179 42438 76.507 42439 -10.188 42440 27.16 42441 86.714 42442 -1.5669 42443 11.615
42444 -16.762 42445 17.697 42446 -9.653 42447 -19.523 42448 -23.377 42449 29.126 42450
57.536 42451 -86.784 42452 -38.572 42453 -60.382 42454 117.61 42455 130.99 42456 119.43
42457 66.024 42458 178.66 42459 105.41 42460 109.83 42461 85.288 42462 304.18 42463
94.582 42464 137.34 42465 176.52 42466 298.53 42467 229.16 42468 263.89 42469 382.92
42470 -6.4055 42471 21.084 42472 72.38 42473 23.032 42474 -23.728 42475 -45.538 42476
-257.51 42477 -178.7 42478 -75.726 42479 -159.92 42480 -175.27 42481 167.65 42482 150.63
42483 153. 42484 180.36 42485 282. 42486 164.38 42487 96.118 42488 56.883 42489 53.601
42490 236.64 42491 109.34 42492 5.3436 42493 155.35 42494 86.515 42495 60.545 42496
174.25 42497 144.06 42498 263.1 42499 144.43 42500 -153.94 42501 -144.1 42502 -41.133
42503 -140.67 42504 -112.41 42505 -80.29 42506 65.071 42507 77.777 42508 39.975 42509
-40.905 42510 42.037 42511 48.308 42512 70.534 42513 74.951 42514 48.981 42515 132.87
42516 -21.119 42517 175.06 42518 -9.5845 42519 49.958 42520 62.51 42521 -81.811 42522
-62.778 42523 -7.5511 42524 -0.57094 42525 -55.408 42526 122.58 42527 24.631 42528
-22.845 42529 -14.085 42530 -43.186 42531 -24.01 42532 -14.979 42533 -18. 42534 -16.154
42535 -62.342 42536 -48.231 42537 3.925 42538 -69.348 42539 -14.121 42540 -7.1407 42541
-28.947 42542 -55.656 42543 -61.978 42544 -51.119 42545 -47.857 42546 -75.128 42547
-11.313 42548 23.782 42549 -96.247 42550 -34.926 42551 -88.307 42552 -80.201 42553
-11.478 42554 -38.372 42555 -6.3114 42556 -61.861 42557 -26.387 42558 -1.4783 42559 -26.3
42560 -107.23 42561 185.84 42562 -45.456 42563 117.7 42564 9.7455 42565 123.45 42566

212.3 42567 9.4876 42568 -15.989 42569 -13.156 42570 -8.0511 42571 -9.2772 42572 -57.134
42573 68.556 42574 70.925 42575 62.158 42576 98.285 42577 60.483 42578 239.57 42579
107.8 42580 312.19 42581 214.24 42582 22.675 42583 23.938 42584 19.438 42585 88.273
42586 18.212 42587 -29.645 42588 50.394 42589 5.7903 42590 -10.406 42591 -4.3956 42592
-48.738 42593 -7.6001 42594 6.4636 42595 56.454 42596 108.41 42597 96.66 42598 41.11
42599 215.2 42600 111.47 42601 140.14 42602 102.23 42603 -1.5393 42604 5.0776 42605
20.609 42606 -0.27609 42607 -34.94 42608 0.53337 42609 43.361 42610 -43.086 42611
27.273 42612 18.034 42613 53.902 42614 45.135 42615 43.46 42616 33.755 42617 -81.282
42618 65.283 42619 -37.42 42620 103.98 42621 129.99 42622 47.504 42623 80.454 42624
36.123 42625 11.952 42626 21.169 42627 185.27 42628 67.651 42629 -0.95807 42630 1.875
42631 34.287 42632 -16.528 42633 22.331 42634 -32.069 42635 -17.418 42636 -70.799 42637
-62.693 42638 9.6357 42639 -139.61 42640 -77.839 42641 -84.844 42642 85.314 42643
-22.638 42644 -71.153 42645 -66.616 42646 -11.144 42647 107.38 42648 208.05 42649
118.46 42650 67.63 42651 14.249 42652 132.99 42653 91.078 42654 37.138 42655 16.253
42656 19.682 42657 17.062 42658 56.115 42659 35.776 42660 95.319 42661 182.97 42662
3.6996 42663 55.856 42664 79.23 42665 93.376 42666 107.9 42667 69.992 42668 -143.48
42669 -158.76 42670 -144.65 42671 -152.08 42672 177.7 42673 64.441 42674 95.211 42675
128.16 42676 195.33 42677 59.659 42678 257.71 42679 157.24 42680 68.876 42681 115.36
42682 121.22 42683 134.25 42684 154.17 42685 109.84 42686 231.91 42687 283.72 42688
-21.567 42689 -18.091 42690 -11.301 42691 -14.321 42692 -15.007 42693 -58.663 42694
-17.526 42695 -25.268 42696 -67.288 42697 -29.307 42698 -36.792 42699 -58.821 42700
-70.985 42701 2.4565 42702 -15.903 42703 7.9675 42704 -44.612 42705 -15.607 42706
-19.326 42707 -59.899 42708 -38.565 42709 -27.584 42710 -15.957 42711 -26.503 42712
-18.367 42713 27.357 42714 14.813 42715 12.402 42716 3.2394 42717 20.806 42718 49.561
42719 14.23 42720 8.1127 42721 -4.8395 42722 9.8123 42723 1.7542 42724 13.343 42725
0.65002 42726 -12.302 42727 -36.254 42728 -65.768 42729 -93.977 42730 -77.932 42731
39.568 42732 15.159 42733 1.3479 42734 -81.709 42735 -60.375 42736 -67.598 42737 86.277
42738 -49.394 42739 48.183 42740 -48.313 42741 -69.946 42742 220.64 42743 119.08 42744
140.13 42745 142.71 42746 129.14 42747 152.59 42748 -3.019 42749 96.821 42750 28.372
42751 8.6946 42752 -27.786 42753 15.131 42754 -10.62 42755 -11.725 42756 40.385 42757
162.46 42758 12.291 42759 26.574 42760 3.9479 42761 -10.504 42762 -32.533 42763 -9.7064
42764 10.384 42765 9.0176 42766 7.7797 42767 19.321 42768 12.744 42769 6.6275 42770
5.5332 42771 107.17 42772 -7.9145 42773 -12.131 42774 -9.0475 42775 -31.37 42776 -19.308
42777 123.47 42778 90.356 42779 103.79 42780 144.69 42781 75.851 42782 14.139 42783
16.818 42784 57.72 42785 2.3657 42786 -11.119 42787 -6.8514 42788 3.1636 42789 35.339
42790 1.1685 42791 7.4016 42792 9.8538 42793 12.428 42794 -32.765 42795 43.132 42796
-25.708 42797 -42.336 42798 -21.44 42799 1.4434 42800 20.607 42801 53.885 42802 -1.9276
42803 6.8191 42804 -10.687 42805 0.20552 42806 11.747 42807 -4.8432 42808 -8.5496
42809 -30.872 42810 -10.788 42811 -2.0409 42812 -18.811 42813 -19.547 42814 -12.766
42815 -15.285 42816 -12.481 42817 -23.027 42818 19.369 42819 2.7789 42820 9.3633 42821
12.792 42822 21.683 42823 5.5812 42824 -11.188 42825 33.484 42826 59.665 42827 24.333
42828 -11.709 42829 64.188 42830 33.224 42831 18.217 42832 19.916 42833 17.122 42834
0.3527 42835 -0.38356 42836 56.564 42837 1.2094 42838 -20.819 42839 -12.276 42840
2.0072 42841 -9.1351 42842 -16.358 42843 35.798 42844 73.319 42845 22.49 42846 2.9267
42847 -18.706 42848 45.938 42849 -5.2904 42850 -5.9762 42851 4.3145 42852 -0.18524
42853 16.634 42854 -1.4113 42855 -16.237 42856 -3.2058 42857 -4.4319 42858 -11.516
42859 -19.943 42860 54.922 42861 -36.696 42862 15.46 42863 -57.813 42864 -2.5862 42865
-44.121 42866 -39.584 42867 29.595 42868 70.545 42869 31.784 42870 -2.8798 42871 35.213
42872 44.104 42873 32.594 42874 96.153 42875 58.24 42876 53.089 42877 61.979 42878
99.5 42879 48.671 42880 -4.7101 42881 114.03 42882 98.377 42883 1.7291 42884 89.138
42885 6.3991 42886 14.328 42887 23.219 42888 5.1731 42889 37.355 42890 284.3 42891
297.45 42892 189.5 42893 510.32 42894 303.21 42895 273.39 42896 73.189 42897 88.17
42898 145.72 42899 -7.6908 42900 227.62 42901 90.377 42902 -9.0742 42903 -37.452 42904
-45.268 42905 -26.669 42906 56.33 42907 37.772 42908 93.54 42909 1.2465 42910 0.6733
42911 340.25 42912 566.27 42913 99.185 42914 -8.0158 42915 79.754 42916 128.12 42917
141.33 42918 84.457 42919 86.291 42920 -57.416 42921 -20.743 42922 -102.59 42923 17.443
42924 -87.607 42925 -77.912 42926 -10.7 42927 -44.492 42928 -77.25 42929 111.16 42930

24.464 42931 171.23 42932 2.6906 42933 186.02 42934 200.17 42935 214.7 42936 182.38
42937 234.18 42938 91.835 42939 -82.884 42940 -64.681 42941 -55.857 42942 -41.794 42943
-63.6 42944 -90.309 42945 -55.464 42946 26.648 42947 11.64 42948 -69.357 42949 -70.462
42950 -46.446 42951 -61.551 42952 -42.266 42953 -63.899 42954 -43.002 42955 28.627
42956 32.895 42957 -16.617 42958 -49.489 42959 -71.121 42960 -76.198 42961 17.493 42962
73.059 42963 22.231 42964 87.588 42965 2.6672 42966 49.675 42967 -87.14 42968 87.044
42969 -63.124 42970 -73.171 42971 4.472 42972 -35.586 42973 -51.931 42974 -18.837 42975
-97.142 42976 -118.38 42977 -84.372 42978 -30.799 42979 41.234 42980 -21.854 42981
-86.077 42982 134.18 42983 429.02 42984 221.91 42985 191.73 42986 23.003 42987 -76.536
42988 88.397 42989 121.49 42990 21.539 42991 44.135 42992 151.73 42993 -79.864 42994
-159.42 42995 239.94 42996 125.79 42997 130.87 42998 112.28 42999 -34.864 43000 89.463
43001 30.642 43002 -69.735 43003 -86.859 43004 69.508 43005 52.874 43006 21.651 43007
199.64 43008 112.43 43009 -130.04 43010 -122.67 43011 55.32 43012 -35.271 43013 26.006
43014 7.646 43015 73.05 43016 -45.493 43017 103.3 43018 301.35 43019 200.88 43020
-69.464 43021 -14.383 43022 -64.229 43023 -48.799 43024 -92.778 43025 207.03 43026
138.18 43027 215.71 43028 -41.951 43029 -107.29 43030 -121.75 43031 -34.169 43032
-150.69 43033 31.927 43034 -43.081 43035 -1.6995 43036 313.95 43037 102.65 43038 22.043
43039 101.83 43040 140.02 43041 171.62 43042 -57.935 43043 -24.38 43044 -48.41 43045
31.629 43046 -108.98 43047 148.87 43048 -176.56 43049 -139.2 43050 109.53 43051 -198.59
43052 9.5777 43053 -123.72 43054 65.169 43055 -24.269 43056 -111.87 43057 89.69 43058
30.22 43059 -74.457 43060 -18.188 43061 -105.78 43062 -97.674 43063 60.93 43064 122.9
43065 59.751 43066 125.11 43067 83.199 43068 2.1646 43069 -5.7293 43070 -51.004 43071
-44.459 43072 -36.353 43073 32.37 43074 65.211 43075 -23.149 43076 140.95 43077 311.92
43078 -89.734 43079 -22.918 43080 -35.945 43081 -25.93 43082 -11.522 43083 101.72 43084
-41.43 43085 97.295 43086 -27.309 43087 221.38 43088 -170.23 43089 32.984 43090 64.583
43091 -79.086 43092 -82.146 43093 161.76 43094 210.63 43095 329.66 43096 299.48 43097
-96.234 43098 196.65 43099 -39.194 43100 -76.221 43101 -52.965 43102 223.39 43103
-27.545 43104 -240.78 43105 181.26 43106 231.25 43107 232.71 43108 46.894 43109 30.034
43110 191.95 43111 56.578 801 -6.1921 802 -0.34833 803 9.0113 804 13.775 805 32.49 806
3.8548 807 0. 808 15.019 809 884.6 810 223.47 811 584.3 812 389.34 813 164.53 814 1219.
815 46.615 816 -26.853 817 1440.7 818 726.89 819 1.5765e-007 820 6.1252 821 0.69208 822
-0.15408 823 -19.608 824 -9.2299 825 7.6888 826 0.31934 827 -1.7132 828 0.2377 829 232.63
830 24.191 831 267.54 832 -0.13592 833 6.6868 834 1.6486 835 -1.0334 836 0.49732 837
140.21 838 1069.1 839 -4.8931 840 -50.615 841 -4.2624 842 -0.54314 843 1.1282 844 27.41
845 -59.513 846 -451.9 847 -463.45 848 14.358 849 28.236 850 13.608 851 -4.9209 852
-58.564 853 -0.49961 854 2.0459 855 -62.627 856 25.738 857 27.476 858 -25.539 859 1.5e-
007 860 -708.89 861 -802.62 862 -237.09 863 62.105 864 -3.0347 865 -20.365 866 279. 867
-13.859 868 973.67 869 120.74 870 67.322 871 49.534 872 -10.088 873 446.39 874 -296.88
875 -277.63 876 -179.42 877 0.53315 878 -0.23713 879 -19.325 880 -66.972 881 -38.503 882
-16.947 883 -0.40073 884 -295.7 885 -311.61 886 -288.3 887 -339.4 888 -358.69 889 -244.68
890 76.97 891 170.67 892 181.37 893 83.141 894 167.53 895 167.43 896 131.21 897 77.003
898 176.26 899 105.78 900 97.471 901 111.43 902 191.19 903 119.02 904 193. 905 200.9 906
150.03 907 83.354 908 196.75 909 92.92 910 123.22 911 225.38 912 107.58 913 171.82 914
173.98 915 121.15 916 212.07 917 196.21 918 -278.71 919 -188.62 920 -130.44 921 -20.207
922 -62.406 923 -261.46 924 3.3744e-007 925 5.0817e-007 926 1.1067 927 5.0888e-007 928
4.5274 929 3.7756 930 -16.913 931 5.0927e-007 932 -0.43072 933 5.077e-007 934 5.0748e-
007 935 -0.5122 936 -13.364 937 5.0855e-007 938 -5.9699 939 1.0265 940 -15.504 941
-17.326 942 5.0796e-007 943 1.9045 944 -10.72 945 5.0771e-007 946 -1.0857 947 -11.661 948
0.21883 949 -12.864 950 -12.401 951 1.6878 952 -17.71 953 6.7647e-007 954 -78.345 955
-81.204 956 -76.579 957 -85.191 958 -72.776 959 -76.17 960 -5.0724e-007 961 -81.209 962
-71.248 963 -88.657 964 -82.756 965 -69.548 966 -5.065e-007 967 -80.236 968 -68.565 969
-4.5156e-007 970 -5.0871e-007 971 -5.0907e-007 972 -81.473 973 -72.085 974 -74.703 975
-83.83 976 -71.663 977 -69.835 978 -70.948 979 -5.0662e-007 980 -5.086e-007 981 -63.434
982 -5.0786e-007 983 -67.652 984 17.753 985 20.088 986 -19.707 987 -0.79504 988 -31.079
989 -32.946 990 -18.522 991 6.9386 992 -17.007 993 6.8708 994 9.2453 995 -37.825 996
-22.927 997 8.6867 998 -40.254 999 -32.033 1000 -19.219 1001 5.6251 1002 -21.842 1003
4.2172 1004 3.8632 1005 -12.14 1006 8.1768 1007 -28.842 1008 -57.295 1009 -25.209 1010

-29.459 1011 4.4306 1012 -587.42 1013 -480.23 1014 413.97 1015 182.09 1016 -34.552 1017
-241.86 1018 -494.84 1019 -347.12 1020 -498.24 1021 -58.034 1022 50.673 1023 -17.591
1024 -349.1 1025 -1422.7 1026 -399.29 1027 -138.99 1028 455.36 1029 835.23 1030 397.58
1031 -849.82 1032 -46.111 1033 -11.99 1034 108.33 1035 5.1179 1036 24.103 1037 -78.143
1038 1.6349 1039 -1.2513 1040 -187.63 1041 3.8664 1042 2.1853 1043 -7.1014e-003 1044
-196.73 1045 -80.6 1046 1.3304 1047 2.6746 1048 1.2421 1049 5.6174 1050 12.652 1051
-70.002 1052 -535.15 1053 -536.65 1054 -572.97 1055 -201.64 1056 -143.04 1057 -106.62
1058 6.3109 1059 205.47 1060 -733.66 1061 -640.33 1062 -531.71 1063 527.09 1064 438.33
1065 40.65 1066 120.63 1067 -0.36359 1068 -0.74195 1069 -1.1058 1070 -0.89637 1071
-0.7681 1072 0.77354 1073 -0.80159 1074 -1.6206 1075 -1.7679 1076 -0.54434 1077 -1.5458
1078 -2.4599 1079 -7.5709 1080 -4.7146 1081 -7.5187 1082 -2.14 1083 -0.33525 1084
0.15308 1085 -5.08 1086 -6.1935 1087 -0.52759 1088 -7.6349 1089 -3.2807 1090 0.40665
1091 -7.2973 1092 -10.603 1093 -5.4595 1094 -11.499 1095 -9.6749 1096 -10.645 1097
-13.558 1098 -8.316 1099 -11.238 1100 -9.3048 1101 -7.0493 1102 -51.178 1103 112.28 1104
64.612 1105 88.135 1106 86.347 1107 120.94 1108 221.84 1109 240.1 1110 19.872 1111
60.673 1112 716.86 1113 860.26 1114 -0.96899 1115 -28.21 1116 1142.2 1117 501.1 1118
-0.2431 1119 2.2569 1120 -0.62686 1121 0.67478 1122 64.965 1123 29.262 1124 71.995 1125
-2.9346e-010 1126 4.391 1127 -0.28223 1128 7.2208 1129 4.9159 1130 -315.26 1131 -472.04
1132 24.576 1133 -1.078 1134 35.07 1135 4.3226 1136 -660.16 1137 -546.42 1138 3.1218 1139
-39.795 1140 21.144 1141 1051.7 1142 985.09 1143 183.46 1144 51.269 1145 -220.59 1146
-241.72 1147 -82.049 1148 -270.51 1149 -407.72 1150 -231.09 1151 -188.53 1152 -470.48 1153
-37.388 1154 17.756 1155 -498.77 1156 -0.12624 1157 4.6624 1158 -0.30527 1159 -251.39
1160 -0.94129 1161 -1.5603 1162 -0.50017 1163 -1.4658 1164 -7.8811e-002 1165 -0.36087
1166 -1.006 1167 -0.69516 1168 -1.2956 1169 -0.48266 1170 -1.8186 1171 -4.5218 1172
-4.5403 1173 -5.6325 1174 -5.2492 1175 -4.4402 1176 -2.5557e-003 1177 -3.6288 1178 -6.1244
1179 -3.2168 1180 -5.5838 1181 -5.9018 1182 -4.0991e-002 1183 116.25 1184 -8.3317 1185
-66.224 1186 -376.14 1187 -382.31 1188 -365.61 1189 -442.56 1190 42.212 1191 34.989 1192
79.39 1193 -115.08 1194 -163.69 1195 1.2045 1196 3.6169e-004 1197 0.10057 1198 -0.11964
1199 -1.1485e-002 1200 0.17856 1201 -56.224 1202 65.009 1203 123.35 1204 526.2 1205
-14.791 1206 -3.1652 1207 8.8422 1208 116.54 1209 279.1 1210 -145.59 1211 -609.58 1212
-520.08 1213 -458.78 1214 -105.49 1215 24.339 1216 34.911 1217 190.98 1218 275.14 1219
24.491 1220 29.009 1221 458.5 1222 -22.062 1223 -301.94 1224 1.0147 1225 3.7232e-002
1226 9.0767e-002 1227 228.15 1228 -162.57 1229 327.4 1230 70.7 1231 -373.4 1232 -407.44
1233 332.3 1234 346.61 1235 -108.53 1236 -482.31 1237 36.194 1238 138.94 1239 -189.42
1240 -95.928 1241 84.834 1242 425.15 1243 13.963 1244 143.79 1245 141.29 1246 -299.13
1247 8.8693 1248 -84.435 1249 -1.0795 1250 0.44858 1251 -1.9576 1252 5.7439 1253
-0.17609 1254 3.9825e-002 1255 -0.90429 1256 -1.2026 1257 0.18216 1258 -155.83 1259
-244.66 1260 -55.493 1261 29.991 1262 -234.69 1263 70.585 1264 -63.904 1265 -11.359 1266
-4.9301 1267 -20.299 1268 -1.8578 1269 -35.246 1270 12.318 1271 -11.548 1272 -48.23 1273
-103.95 1274 -78.169 1275 -106.67 1276 -17.566 1277 -119.34 1278 16.34 1279 -285.21 1280
-13.887 1281 -71.086 1282 -123.6 1283 -101.31 1284 -10.876 1285 -331.4 1286 21.416 1287
23.734 1288 5.2739 1289 81.265 1290 45.344 1291 65.224 1292 -210.35 1293 148.87 1294
-13.407 1295 223.31 1296 -12.755 1297 220.69 1298 -35.775 1299 55.762 1300 220.16 1301
218.25 1302 102.58 1303 13.007 1304 8.209 1305 14.979 1306 6.989 1307 14.935 1308 88.82
1309 82.606 1310 138.57 1311 -33.896 1312 -214.98 1313 -56.408 1314 -14.613 1315 105.08
1316 1.5301 1317 -56.828 1318 5.6759 1319 -359.35 1320 2.6182 1321 321.82 1322 8.4766
1323 4.9327 1324 17.501 1325 5.6838 1326 6.4642 1327 -20.513 1328 -308.46 1329 -177.41
1330 26.72 1331 259.6 1332 13.131 1333 309.65 1334 166.08 1335 54.673 1336 404.92 1337
10.713 1338 6.0906 1339 1.0612 1340 21.069 1341 453.27 1342 -209.07 1343 183.72 1344
141.71 1345 79.979 1346 156.04 1347 48.318 1348 116.43 1349 1.4096 1350 13.149 1351
-1.1687 1352 -3.164 1353 3.4693 1354 4.3315 1355 16.071 1356 20.151 1357 14.457 1358
-8.3085e-002 1359 20.751 1360 4.4377 1361 4.5967 1362 11.071 1363 23.132 1364 8.8148
1365 14.397 1366 118.62 1367 40.549 1368 31.654 1369 27.993 1370 24.382 1371 39.5 1372
34.769 1373 13.453 1374 18.172 1375 36.57 1376 33.739 1377 16.336 1378 26.953 1379
22.81 1380 1.8594 1381 26.694 1382 8.4927 1383 7.5097 1384 111.73 1385 292.15 1386
-6.9296 1387 119.24 1388 0.58007 1389 67.881 1390 41.171 1391 40.122 1392 554.03 1393
734.45 1394 661.46 1395 934.84 1396 481.99 1397 484.72 1398 654.88 1399 511.58 1400

403.88 1401 104.8 1402 132.84 1403 151.43 1404 144.35 1405 139.61 1406 181.02 1407
285.22 1408 334.57 1409 324.76 1410 361.44 1411 804.15 1412 729.21 1413 553.1 1414
624.8 1415 11.861 1416 -26.61 1417 229.96 1418 269.1 1419 305.01 1420 272.69 1421 691.75
1422 105.57 1423 68.841 1424 445.71 1425 81.728 1426 212.07 1427 308.9 1428 972.92 1429
580.2 1430 1039.6 1431 608.94 1432 644.77 1433 719.83 1434 836.11 1435 9.8809 1436
386.75 1437 594.39 1438 273.86 1439 40.842 1440 153.11 1441 -13.965 1442 4.1084 1443
116.38 1444 983.87 1445 1291.4 1446 970.88 1447 1246.2 1448 792.22 1449 922.79 1450
812.19 1451 793.58 1452 613.99 1453 172.29 1454 473.52 1455 493.25 1456 590.08 1457
-0.11857 1458 -0.12155 1459 -0.14112 1460 -4.1658 1461 -0.46206 1462 4.191 1463 2.7492
1464 -37.962 1465 -47.591 1466 0.269 1467 0.5947 1468 0.22449 1469 3.218 1470 -27.4 1471
-9.8036 1472 -23.769 1473 -89.789 1474 1.0514 1475 2.7949 1476 -77.991 1477 -27.824 1478
-24.192 1479 -88.78 1480 60.299 1481 -14.848 1482 213.39 1483 -9.4666 1484 22.678 1485
-120.1 1486 73.236 1487 -0.77058 1488 9.0901 1489 -4.9284 1490 -2.157 1491 -4.6148 1492
-4.5257 1493 -1.743 1494 -64.283 1495 -55.269 1496 4.0041 1497 4.4085 1498 3.7846 1499
3.9337 1500 6.7163 1501 3.3922 1502 -55.823 1503 -3.0991 1504 -0.69691 1505 -0.1119 1506
0.20995 1507 9.9849e-002 1508 -0.3801 1509 -0.29248 1510 -6.7839 1511 2.7966 1512
-0.73773 1513 -2.9878 1514 -0.8063 1515 -0.86232 1516 -1.3963 1517 -1.4579 1518 1.7804
1519 21.815 1520 -25.189 1521 0.45624 1522 0.72111 1523 0.11311 1524 -0.85997 1525
-0.48244 1526 22.791 1527 27.455 1528 176.63 1529 148.8 1530 152.31 1531 6.0204 1532
115.34 1533 109.94 1534 98.429 1535 -110.25 1536 26.727 1537 48.093 1538 11.117 1539
12.008 1540 5.3923 1541 137.12 1542 39.955 1543 136.93 1544 133.77 1545 159.41 1546
8.0757 1547 105.36 1548 24.699 1549 -6.7962e-002 1550 25.566 1551 0.15633 1552 2.312e-
002 1553 6.4974 1554 6.4988 1555 3.3434 1556 5.5389 1557 28.978 1558 3.5677 1559 3.3633
1560 -25.071 1561 4.6525 1562 0.30761 1563 3.0198 1564 1.3317 1565 0.28452 1566 0.8442
1567 -38.26 1568 2.1334 1569 -9.4323 1570 -0.26802 1571 1.4165 1572 0.57597 1573 -2.0993
1574 -9.3103e-003 1575 -0.47129 1576 -1.0564 1577 -0.96882 1578 -6.2907 1579 7.6531
1580 -7.823 1581 0.24835 1582 0.7924 1583 -10.773 1584 0.24511 1585 0.12711 1586
0.10754 1587 0.26727 1588 0.29404 1589 3.1206 1590 -0.20349 1591 -2.2164 1592 -9.901
1593 -5.5254 1594 -23.866 1595 1.0137 1596 604.65 1597 65.059 1598 293.3 1599 73.714
1600 224.93 1601 153.14 1602 509.24 1603 757.74 1604 892.98 1605 538.16 1606 569.84
1607 608.98 1608 689.37 1609 -5.9712 1610 1.1392e-002 1611 -160.08 1612 -53.1 1613
-27.439 1614 -21.697 1615 -24.705 1616 -25.313 1617 9.9846 1618 -2.6357 1619 129.52 1620
2.0286 1621 -2.4028 1622 -2.0809 1623 -2.137 1624 12.864 1625 33.161 1626 0.50573 1627
20.541 1628 0.29254 1629 -0.22128 1630 -0.33139 1631 14.724 1632 -32.224 1633 -7.2151
1634 2.3654 1635 14.269 1636 0.50429 1637 0.65339 1638 -31.388 1639 -59.104 1640
-6.3794 1641 -212.25 1642 16.163 1643 -143.92 1644 13.705 1645 13.794 1646 -103.64 1647
-18.247 1648 -45.963 1649 -55.345 1650 -265.78 1651 -17.469 1652 -27.595 1653 -150.62
1654 -172.36 1655 -457.68 1656 -315.66 1657 -383.58 1658 -283.49 1659 -343.3 1660 -285.62
1661 -391.65 1662 -314.65 1663 -380.16 1664 -467.74 1665 -289.27 1666 -313.57 1667
-349.07 1668 -374.33 1669 -397.42 1670 21.297 1671 20.917 1672 -5.5904 1673 19.467 1674
-110.17 1675 -135.42 1676 -21.025 1677 20.922 1678 26.987 1679 27.856 1680 -103.23 1681
-17.834 1682 -14.086 1683 4.3436 1684 -24.509 1685 19.673 1686 21.8 1687 -25.148 1688
18.671 1689 -21.4 1690 -31.743 1691 -1.4375 1692 -33.774 1693 12.535 1694 32.832 1695
9.4065 1696 41.95 1697 -28.259 1698 -29.821 1699 -11.747 1700 6.0101 1701 80.796 1702
15.128 1703 100.52 1704 197.35 1705 -25.839 1706 1.9115 1707 -330.33 1708 -121.11 1709
-30.291 1710 18.558 1711 72.918 1712 111.1 1713 45.433 1714 -18.445 1715 -24.332 1716
40.582 1717 39.331 1718 -19.447 1719 13.097 1720 26.607 1721 19.85 1722 -29.349 1723
24.736 1724 -15.335 1725 0.9688 1726 -135.82 1727 -28.479 1728 -14.466 1729 -0.4814 1730
-10.608 1731 -162.33 1732 -155.37 1733 -40.974 1734 -0.20037 1735 -273.21 1736 1.5609
1737 -33.112 1738 -755.75 1739 -502.88 1740 -684.52 1741 -504.01 1742 -432.36 1743
-476.77 1744 -461.93 1745 -508.67 1746 -370.26 1747 -674.52 1748 -550.87 1749 -523.64
1750 -555.54 1751 20.955 1752 -15.81 1753 -138.44 1754 -107.97 1755 -26.815 1756 -76.126
1757 -114.11 1758 -85.931 1759 29.535 1760 22.257 1761 -242.16 1762 32.613 1763 39.93
1764 63.557 1765 -118.51 1766 -11.165 1767 13.43 1768 -20.922 1769 -22.283 1770 14.105
1771 34.285 1772 -123.18 1773 -11.7 1774 23.819 1775 -10.313 1776 -71.011 1777 30.987
1778 5.464 1779 -43.735 1780 -53.491 1781 -6.9554 1782 1.7148 1783 -39.2 1784 15.154
1785 -30.08 1786 -28.877 1787 -38.295 1788 -3.2013 1789 -71.984 1790 -15.621 1791 -6.9505

1792 -34.062 1793 242.23 1794 119.6 1795 150.07 1796 231.23 1797 -95.74 1798 34.324
1799 53.442 1800 3.6423 1801 84.799 1802 35.488 1803 25.683 1804 356.1 1805 1012.7 1806
979.38 1807 699.41 1808 558.73 1809 595.96 1810 647.74 1811 94.032 1812 -207.2 1813
-207.95 1814 152.1 1815 54.933 1816 101. 1817 92.983 1818 -44.166 1819 58.428 1820
-234.66 1821 -19.083 1822 41.831 1823 28.223 1824 44.369 1825 74.294 1826 66.273 1827
61.542 1828 -146.01 1829 40.227 1830 -70.876 1831 -243.56 1832 -261.72 1833 50.401 1834
-27.977 1835 24.991 1836 -14.317 1837 32.937 1838 35.475 1839 -3.6472 1840 -154.91 1841
26.076 1842 31.332 1843 -4.7066 1844 -1.4336 1845 -4.4417 1846 77.996 1847 581.63 1848
112.9 1849 35.121 1850 216.82 1851 378.02 1852 306.23 1853 -287.25 1854 -384.46 1855
-478.52 1856 -269.3 1857 -230.28 1858 -226.35 1859 -291.04 1860 -314.14 1861 -255.93 1862
-228.53 1863 -196.36 1864 -220.66 1865 -216.73 1866 -304.52 1867 -227.52 1868 -93.236
1869 -88.583 1870 -247.34 1871 -130.74 1872 -147.25 1873 -167.63 1874 -149.38 1875
-140.37 1876 -178.41 1877 0.14801 1878 -0.21792 1879 0.20346 1880 0.11394 1881 -0.66232
1882 -0.60306 1883 -0.25968 1884 -0.2712 1885 -4.2844 1886 -1.0475 1887 -9.8628 1888
-23.767 1889 -0.78457 1890 -259.05 1891 -45.205 1892 -52.737 1893 -208.04 1894 -134.31
1895 -105.01 1896 -306.7 1897 -66.598 1898 -155.82 1899 -51.109 1900 -27.327 1901 -86.821
1902 -50.434 1903 -27.725 1904 -90.771 1905 -97.165 1906 -141.58 1907 -46.998 1908
-24.931 1909 -36.874 1910 -13.093 1911 -71.226 1912 -72.587 1913 -8.5949 1914 -12.639
1915 -36.22 1916 -14.153 1917 -10.938 1918 -18.623 1919 -26.096 1920 -14.305 1921 1.3605
1922 8.6775 1923 -33.312 1924 -35.743 1925 -47.399 1926 -72.834 1927 -278.58 1928 71.315
1929 -91.708 1930 -115.54 1931 344.7 1932 -283.1 1933 -38.725 1934 -278.14 1935 -49.77
1936 -57.696 1937 -135.48 1938 -112.63 1939 -125.47 1940 -141.17 1941 -359.66 1942
-162.51 1943 -142.44 1944 -313.85 1945 -45.775 1946 -97.688 1947 -82.539 1948 -111.84
1949 -100.08 1950 -279.4 1951 -123.04 1952 -104.45 1953 -116.27 1954 -74.863 1955 -85.935
1956 -349.05 1957 -108.09 1958 -57.007 1959 -115.91 1960 -125.63 1961 -148.59 1962 -152.2
1963 -141.82 1964 -156.34 1965 -111.49 1966 -125.55 1967 -93.438 1968 -92.358 1969
-159.02 1970 -135.28 1971 -136.17 1972 -383.21 1973 -161.85 1974 -165.99 1975 -261.69
1976 -79.167 1977 -61.87 1978 -92.005 1979 -107.71 1980 -86.344 1981 -129.04 1982 -140.23
1983 123.82 1984 136.59 1985 38.485 1986 38.485 1987 38.485 1988 -0.68727 1989 -2.117
1990 4.659 1991 47.362 1992 48.529 1993 40.7 1994 96.61 1995 89.774 1996 176.02 1997
-54.017 1998 85.336 1999 85.889 2000 44.734 2001 47.046 2002 95.38 2003 75.482 2004
145.81 2005 115.67 2006 143.46 2007 136.62 2008 88.178 2009 132.26 2010 -48.666 2011
91.24 2012 90.687 2013 48.091 2014 80.834 2015 151.16 2016 -24.855 2017 93.529 2018
125.34 2019 41.571 2020 43.834 2021 -1.025 2022 5.1825 2023 31.717 2024 41.173 2025
26.031 2026 102.04 2027 -73.972 2028 45.675 2029 44.413 2030 167.48 2031 18.549 2032
86.031 2033 85.655 2034 45.682 2035 68.228 2036 67.294 2037 144.24 2038 194.69 2039
-31.775 2040 87.872 2041 149.32 2042 18.495 2043 85.601 2044 75.257 2045 67.24 2046
194.63 2047 87.818 2048 104.11 2049 0.38541 2050 55.5 2051 57.148 2052 65.604 2053 25.
2054 49.131 2055 56.343 2056 176.53 2057 69.709 2058 74.355 2059 126.63 2060 28.398
2061 38.501 2062 38.286 2063 -2.1031 2064 2.8773 2065 29.24 2066 41.971 2067 29.998
2068 149.42 2069 47.252 2070 141.02 2071 78.027 2072 56.928 2073 87.916 2074 88.131
2075 43.803 2076 79.627 2077 199.05 2078 208.18 2079 95.621 2080 96.882 2081 101.62
2082 21.685 2083 52.889 2084 52.889 2085 8.5601 2086 11.511 2087 44.385 2088 56.324
2089 172.94 2090 60.378 2091 104.45 2092 17.532 2093 48.735 2094 48.479 2095 7.3576
2096 13.962 2097 52.171 2098 53.358 2099 29.823 2100 168.78 2101 -45.531 2102 56.225
2103 51.781 2104 151.31 2105 55.46 2106 49.034 2107 36.804 2108 44.253 2109 175.76 2110
-38.55 2111 63.206 2112 59.211 2113 58.762 2114 155.1 2115 1.2855 2116 88.914 2117 95.596
2118 55.477 2119 84.132 2120 151.74 2121 215.64 2122 105.53 2123 1.3289 2124 99.09 2125
156.01 2126 -34.801 2127 -71.224 2128 59.509 2129 56.524 2130 19.391 2131 25.226 2132
48.045 2133 63.852 2134 39.382 2135 115.65 2136 69.445 2137 63.003 2138 196.95 2139
-34.23 2140 93.517 2141 97.015 2142 88.75 2143 76.375 2144 152.64 2145 106.44 2146
175.46 2147 -30.283 2148 92.697 2149 91.786 2150 80.323 2151 84.433 2152 156.59 2153
110.39 2154 116.69 2155 66.351 2156 75.014 2157 34.278 2158 58.998 2159 65.405 2160
131.15 2161 107.32 2162 84.95 2163 -60.239 2164 82.482 2165 75.545 2166 140.05 2167
41.677 2168 42.629 2169 0.94041 2170 5.6341 2171 32.067 2172 44.489 2173 30.756 2174
73.983 2175 -93.577 2176 49.145 2177 144.83 2178 99.326 2179 93.014 2180 87.453 2181
130.68 2182 -36.879 2183 105.84 2184 103.73 2185 108.07 2186 41.1 2187 46.46 2188

9.1088 2189 4.5452 2190 35.539 2191 48.569 2192 78.766 2193 51.817 2194 174.3 2195
61.61 2196 61.067 2197 19.695 2198 25.778 2199 63.718 2200 63.541 2201 55.54 2202
93.916 2203 66.966 2204 119.82 2205 166.48 2206 112.15 2207 106.86 2208 106.62 2209
156.76 2210 170.91 2211 139.7 2212 47.962 2213 53.902 2214 18.875 2215 18.319 2216
47.722 2217 57.881 2218 39.372 2219 97.86 2220 60.296 2221 56.259 2222 112.01 2223
172.9 2224 86.018 2225 79.477 2226 71.488 2227 129.98 2228 92.412 2229 147.56 2230
80.557 2231 80.789 2232 72.568 2233 58.342 2234 74.385 2235 131.06 2236 130.16 2237
-116.87 2238 93.493 2239 166.61 2240 54.373 2241 61.418 2242 28.857 2243 47.969 2244
45.844 2245 103.75 2246 -143.28 2247 67.077 2248 64.812 2249 204.14 2250 106.88 2251
97.179 2252 91.304 2253 149.21 2254 -97.825 2255 157.32 2256 110.27 2257 89.253 2258
98.107 2259 64.281 2260 83.378 2261 100.32 2262 141.28 2263 128.44 2264 156.23 2265
149.4 2266 -79.037 2267 -78.882 2268 -109.02 2269 -103.36 2270 -254.9 2271 -157.24 2272
-225.04 2273 169.23 2274 -38.17 2275 25.738 2276 431.55 2277 -188.58 2278 66.598 2279
-75.322 2280 -4.7476 2281 45.703 2282 -180.76 2283 -253.29 2284 -248.03 2285 9.2176 2286
-71.596 2287 -23.916 2288 -41.06 2289 -41.307 2290 100.82 2291 109.94 2292 -192.91 2293
-231.38 2294 67.916 2295 14.055 2296 88.845 2297 -125.47 2298 -222.36 2299 -252.48 2300
8.7864 2301 46.816 2302 -74.593 2303 395.13 2304 361.81 2305 -21.609 2306 30.176 2307
4.2281e-007 2308 5.0695e-007 2309 -39.172 2310 -40.602 2311 -33.826 2312 0.55333 2313
-40.602 2314 -38.289 2315 0.55333 2316 -37.736 2317 -42.042 2318 -9.3003 2319 2.2637
2320 -42.596 2321 -36.388 2322 4.1515 2323 -34.125 2324 -35.821 2325 -13.276 2326
-6.5685 2327 -36.197 2328 1.8878 2329 -14.585 2330 -8.4563 2331 -8.4563 2332 -49.061
2333 -24.929 2334 -17.718 2335 -0.21536 2336 -40.604 2337 -35.624 2338 -0.21536 2339
-35.839 2340 -44.544 2341 -8.7191 2342 5.0759e-007 2343 -44.328 2344 -41.378 2345
-0.2561 2346 -41.378 2347 -34.774 2348 -6.9381 2349 -35.03 2350 -0.2561 2351 -19.169 2352
-6.682 2353 -6.682 2354 -46.8 2355 -25.595 2356 -18.146 2357 -2.9849 2358 -40.118 2359
-34.283 2360 -2.4717 2361 -37.267 2362 -2.9849 2363 -23.112 2364 -7.2388 2365 0.51325
2366 0.51325 2367 -19.614 2368 -16.415 2369 -7.752 2370 -7.752 2371 -27.879 2372 -23.768
2373 -8.6631 2374 -8.6631 2375 -49.4 2376 -24.68 2377 -18.273 2378 0.95224 2379 -40.736
2380 -36.043 2381 -4.4078 2382 -35.09 2383 -36.399 2384 -9.9686 2385 -5.36 2386 -42.711
2387 -47.275 2388 -16.281 2389 -0.54286 2390 -41.915 2391 -35.832 2392 -6.3731 2393
-36.374 2394 -35.46 2395 -6.6129 2396 -5.7208 2397 -40.748 2398 -41.304 2399 -11.9 2400
-6.3226 2401 -35.365 2402 0.10942 2403 -14.312 2404 -12.633 2405 -6.432 2406 -6.432 2407
-20.853 2408 -35.079 2409 -5.3567 2410 -6.2006 2411 -37.918 2412 -34.848 2413 -18.805
2414 -8.0109 2415 -30.873 2416 0.8439 2417 -13.886 2418 -8.8548 2419 -8.8548 2420
-42.681 2421 -23.585 2422 -6.6395 2423 -33.826 2424 -79.774 2425 -72.998 2426 -30.296
2427 -78.891 2428 -31.725 2429 -30.558 2430 -80.885 2431 -28.245 2432 -48.143 2433
-78.984 2434 -52.449 2435 -42.993 2436 -74.473 2437 -36.786 2438 -51.928 2439 -38.085
2440 -53.625 2441 -54.558 2442 -40.604 2443 -16.473 2444 -9.2612 2445 -76.228 2446
-49.866 2447 -37.135 2448 -79.952 2449 -32.155 2450 -44.128 2451 -85.706 2452 -52.832
2453 -40.893 2454 -76.152 2455 -37.942 2456 -36.755 2457 -34.774 2458 -30.151 2459
-53.686 2460 -40.118 2461 -18.913 2462 -11.464 2463 -74.401 2464 -51.582 2465 -35.775
2466 -34.283 2467 -29.939 2468 -54.409 2469 -4.8014e-007 2470 -20.127 2471 -5.0889e-007
2472 -20.127 2473 -16.016 2474 -40.736 2475 -16.016 2476 -9.6094 2477 -76.779 2478
-50.346 2479 -37.924 2480 -73.394 2481 -33.23 2482 -46.964 2483 -79.266 2484 -48.272 2485
-35.243 2486 -77.747 2487 -39.806 2488 -39.983 2489 -70.749 2490 -33.9 2491 -41.902 2492
-70.391 2493 -40.987 2494 -30.829 2495 -35.474 2496 -31.386 2497 -49.895 2498 -5.0761e-
007 2499 -14.421 2500 -28.647 2501 -31.717 2502 -28.647 2503 -12.604 2504 -31.717 2505
-44.322 2506 -46.447 2507 -33.826 2508 -14.73 2509 2.2153 2510 -24.949 2511 -31.611 2512
18.921 2513 11.092 2514 8.6949 2515 60.166 2516 11.715 2517 0.19059 2518 9.8624 2519
9.8029 2520 61.333 2521 12.882 2522 12.886 2523 -10.251 2524 -10.126 2525 -10.095 2526
-7.0117 2527 -15.937 2528 -0.66969 2529 -1.0453 2530 -2.6584 2531 3.707 2532 2.4444 2533
-32.013 2534 -16.187 2535 -11.435 2536 -25.734 2537 -17.357 2538 -17.121 2539 -12.368
2540 -5.7919 2541 -10.145 2542 -9.6088 2543 -5.1567 2544 -0.51066 2545 -5.0344 2546
3.1217 2547 12.22 2548 -5.0684 2549 -9.314 2550 -8.8513 2551 -11.32 2552 -1.0142 2553
0.24683 2554 8.0581 2555 2.6251 2556 2.9324 2557 10.925 2558 -14.29 2559 4.2219 2560
4.1197 2561 12.112 2562 7.668 2563 -30.376 2564 -19.313 2565 -15.867 2566 -7.1203 2567
-11.864 2568 -11.644 2569 -7.9692 2570 -8.4184 2571 -15.783 2572 4.7301 2573 4.1757 2574

14.28 2575 4.1629 2576 7.8378 2577 -36.143 2578 -19.74 2579 -10.191 2580 -25.626 2581
-15.63 2582 -6.0803 2583 -16.056 2584 -15.486 2585 -6.7969 2586 -9.9934 2587 -9.6488 2588
-2.1417 2589 -9.0788 2590 -8.1083 2591 2.4285 2592 10.28 2593 -8.8123 2594 -11.305 2595
-11.654 2596 -3.4531 2597 -5.5643 2598 4.0402 2599 1.6604 2600 1.3757 2601 7.4651 2602
-4.1385 2603 1.4834 2604 1.6815 2605 0.32316 2606 4.3979 2607 7.2881 2608 60.145 2609
-1.9817 2610 -6.3201 2611 -3.6037 2612 52.144 2613 -10.333 2614 3.5355 2615 3.8383 2616
10.592 2617 6.5547 2618 -43.068 2619 -14.974 2620 -15.201 2621 -7.9176 2622 -41.252 2623
-29.428 2624 -22.144 2625 -27.334 2626 -12.975 2627 -13.385 2628 -15.555 2629 -6.1011
2630 -8.3662 2631 -12.514 2632 -15.101 2633 -15.2 2634 36.559 2635 -10.491 2636 2.0335
2637 -2.6221 2638 1.7447 2639 53.504 2640 5.0532 2641 6.4536 2642 -86.722 2643 -468.26
2644 -66.032 2645 123.91 2646 -394.53 2647 -232.03 2648 -487.54 2649 -489.24 2650
-951.48 2651 -507.69 2652 -606.95 2653 298.03 2654 624.6 2655 405.78 2656 106.17 2657
470.09 2658 321.06 2659 373.14 2660 73.771 2661 289.84 2662 354.14 2663 83.651 2664
205.12 2665 109.14 2666 -138.21 2667 181.51 2668 -442.18 2669 -24.671 2670 -98.558 2671
0.82116 2672 -368.35 2673 -545.84 2674 -350.32 2675 -202.21 2676 -324.65 2677 -958.78
2678 -672.33 2679 -514.99 2680 -614.25 2681 -476.81 2682 -451.14 2683 -70.827 2684 -408.8
2685 -192.25 2686 -278.73 2687 -960.48 2688 -448.77 2689 -516.69 2690 -615.95 2691
-157.39 2692 -484.36 2693 -310.92 2694 -354.29 2695 -353.66 2696 -3.6805 2697 -228.66
2698 -98.511 2699 -47.711 2700 -57.129 2701 -90.819 2702 16.541 2703 -44.157 2704 -2.7754
2705 28.569 2706 -78.289 2707 218.88 2708 8.2302e-002 2709 23.709 2710 -25.743 2711
53.127 2712 -275.37 2713 -423.94 2714 -207.66 2715 -112.88 2716 -168.39 2717 -191.5 2718
-911.01 2719 -1136.3 2720 -1078.2 2721 -269.14 2722 -566.48 2723 -519.81 2724 -434.88
2725 -218.34 2726 -227.76 2727 -261.45 2728 -304.82 2729 -304.18 2730 158.18 2731
-97.606 2732 -36.989 2733 -66.262 2734 645.29 2735 236.56 2736 -21.709 2737 260.18 2738
289.35 2739 210.73 2740 616.41 2741 316.8 2742 479.29 2743 680.71 2744 -226.12 2745
461.89 2746 191.39 2747 -791.74 2748 -432.3 2749 -654.3 2750 -506.19 2751 31.111 2752
-23.681 2753 -22.434 2754 -20.247 2755 -76.366 2756 35.212 2757 -5.1775 2758 -104.36
2759 -46.295 2760 -292.48 2761 -247.15 2762 56.725 2763 56.975 2764 60.493 2765 0.85556
2766 112.43 2767 193.71 2768 217.86 2769 14.611 2770 8.8851 2771 142.11 2772 166.26
2773 37.909 2774 -27.02 2775 18.378 2776 -22.949 2777 -60.741 2778 47.402 2779 -42.214
2780 -38.254 2781 -74.073 2782 -111.86 2783 -225.77 2784 -93.337 2785 -39.483 2786
-34.183 2787 -185.88 2788 -240.34 2789 -4.5913e-003 2790 -53.936 2791 -0.68875 2792
3.7955 2793 57.642 2794 -6.3054 2795 -3.0907 2796 -90.662 2797 -91.486 2798 -219.51 2799
-122.23 2800 3.0259 2801 2.5984 2802 3.2705 2803 4.2644 2804 2.4406 2805 -37.151 2806
-8.3234 2807 1.0891 2808 2.43 2809 -0.48993 2810 1.138 2811 1.8577 2812 -9.164 2813
1.3338 2814 0.61749 2815 -0.15618 2816 1.5065e-002 2817 4.1833e-002 2818 -2.4686 2819
0.76148 2820 -138.66 2821 -97.699 2822 -384.85 2823 -364.22 2824 -72.73 2825 -224.06
2826 -137.45 2827 -126.78 2828 -278.04 2829 -39.635 2830 -75.301 2831 -326.79 2832
-306.15 2833 -281.45 2834 2.0025 2835 -265.19 2836 2.9964 2837 -125.03 2838 -0.91739
2839 -52.079 2840 -38.419 2841 -9.5914 2842 1.9583 2843 -0.24527 2844 5.7584 2845 2.1023
2846 -8.9193 2847 3.4297 2848 0.55792 2849 0.46841 2850 5.0422 2851 58.889 2852 -1.844
2853 1.3861 2854 9.1348 2855 61.076 2856 142.36 2857 -28.675 2858 145.87 2859 -66.466
2860 41.676 2861 -300.85 2862 -107.79 2863 -295.04 2864 -221.7 2865 -276.15 2866 -535.9
2867 -634.41 2868 -587.74 2869 -175.85 2870 -471.29 2871 -372.11 2872 -554.81 2873
-588.49 2874 -534.18 2875 -528.36 2876 -472.04 2877 -509.48 2878 -448. 2879 -372.86 2880
-552.34 2881 -260.85 2882 -527.64 2883 -466.16 2884 -172.34 2885 -39.144 2886 162.28
2887 -5.3289 2888 65.328 2889 -94.66 2890 -124.83 2891 23.971 2892 -57.015 2893 157.73
2894 94.628 2895 101.79 2896 -77.199 2897 -65.361 2898 4.9568 2899 -38.806 2900 175.94
2901 110.39 2902 119.99 2903 -58.991 2904 5.351 2905 5.4867 2906 -25.259 2907 82.836
2908 84.039 2909 -2.4413 2910 -686.99 2911 -671.62 2912 -596.22 2913 -570.55 2914 -471.37
2915 -586.02 2916 -348.27 2917 -624.96 2918 -580.2 2919 -372.91 2920 -523.88 2921 -499.84
2922 -424.7 2923 -525.89 2924 -318.6 2925 -507.01 2926 -304.94 2927 -445.53 2928 514.09
2929 789.41 2930 169.28 2931 424.45 2932 466.01 2933 355.4 2934 711.71 2935 83.91 2936
258.86 2937 431.74 2938 328.29 2939 288.45 2940 34.956 2941 -183.53 2942 37.819 2943
20.416 2944 31.033 2945 13.622 2946 33.685 2947 96.314 2948 -49.98 2949 -55.226 2950
42.429 2951 -0.9547 2952 -5.0192 2953 -0.65244 2954 -0.42313 2955 -1.0911 2956 -0.20229
2957 2.6561 2958 -2.0113 2959 -0.84162 2960 -1.1511 2961 -3.3219 2962 3.8673 2963

-0.81669 2964 -3.2827 2965 -1.333 2966 -0.80299 2967 -3.3448 2968 5.9504 2969 1.9134
2970 -3.5449 2971 -0.69827 2972 -1.1811 2973 -2.0566 2974 4.9083 2975 -2.924 2976 -1.117
2977 -0.42346 2978 -2.1985 2979 7.0837 2980 0.14656 2981 0.21915 2982 0.46331 2983
0.5901 2984 10.323 2985 0.34737 2986 0.20634 2987 0.38549 2988 0.91739 2989 -1.4708
2990 -0.58123 2991 -0.90379 2992 -2.6209 2993 3.0937 2994 2.6445 2995 -4.5696 2996
-1.3133 2997 -1.1579 2998 -3.6265 2999 6.6793 3000 -3.2413 3001 -5.042 3002 -1.2315 3003
-1.5318 3004 -3.1541 3005 3.2205 3006 7.8666 3007 -1.5021 3008 -0.91996 3009 -0.5135
3010 -2.533 3011 2.5697 3012 -5.6103 3013 -6.0956 3014 -1.6822 3015 -0.7934 3016 2.065
3017 -6.5527 3018 -8.0092 3019 -1.4713 3020 -2.1393 3021 -3.4908 3022 1.612 3023 -10.565
3024 -4.4333 3025 -6.0463 3026 -6.0556 3027 0.31902 3028 -6.5153 3029 -2.7049 3030
-4.6274 3031 -5.1735 3032 6.3933 3033 -9.3783 3034 -4.2623 3035 -6.5756 3036 -6.3839
3037 3.7302 3038 -5.7224 3039 -1.573 3040 -3.6946 3041 -3.2901 3042 1.9753 3043 3.57e-
002 3044 -4.82 3045 9.7685 3046 -0.34806 3047 -2.3877 3048 -0.1689 3049 3.3269 3050
0.27987 3051 -3.5721 3052 3.7135e-002 3053 7.5263e-002 3054 -1.7379 3055 0.60716 3056
-6.1886 3057 -3.2729 3058 -4.3544 3059 -5.6022 3060 4.9277 3061 -8.3981 3062 -3.8296
3063 -6.1589 3064 -4.7052 3065 2.2598 3066 -2.9936 3067 -0.51388 3068 -1.8722 3069
-3.0557 3070 2.2025 3071 -9.567 3072 -4.5976 3073 -6.6093 3074 -6.7683 3075 2.6859 3076
-7.3899 3077 -6.4778 3078 -2.111 3079 -4.5912 3080 -1.6608 3081 2.598 3082 -3.4453 3083
-4.4491 3084 10.139 3085 0.20205 3086 0.73394 3087 -8.95 3088 28.658 3089 6.2875 3090
-5.463 3091 -6.7108 3092 3.8191 3093 -3.118 3094 -8.0312 3095 27.005 3096 38.766 3097
-8.3636 3098 -6.9098 3099 2.1663 3100 -2.8351 3101 5.5116e-002 3102 52.912 3103 -8.4793
3104 41.338 3105 -4.3382 3106 -5.5217 3107 3.7736 3108 -0.26343 3109 55.484 3110 -10.587
3111 38.318 3112 37.424 3113 -8.5414 3114 -8.7004 3115 0.75382 3116 -1.5112 3117 -10.16
3118 38.336 3119 55.634 3120 -5.3081 3121 -4.8579 3122 46.452 3123 -1.9995 3124 -0.59913
3125 -12.102 3126 55.148 3127 -5.564 3128 -6.232 3129 45.966 3130 -2.4848 3131 -2.4808
3132 -10.937 3133 53.692 3134 104.14 3135 -9.0401 3136 -9.0493 3137 -2.6747 3138 -3.9373
3139 -9.777 3140 106.76 3141 -6.4282 3142 -6.9743 3143 -5.3534e-002 3144 4.5926 3145
-10.271 3146 105.3 3147 114.43 3148 -8.4352 3149 -8.2435 3150 1.8706 3151 3.1316 3152
115.4 3153 5.2838 3154 -7.277 3155 -6.8725 3156 2.8372 3157 -1.1579 3158 -1.6071 3159
-3.8381 3160 -1.0667 3161 -161.15 3162 -44.549 3163 -61.066 3164 -3.5245 3165 -54.178
3166 -261.61 3167 -23.428 3168 -146.45 3169 -107.43 3170 88.446 3171 100.21 3172 99.313
3173 176.19 3174 66.076 3175 167.8 3176 165.26 3177 108.68 3178 217.05 3179 126.99 3180
76.373 3181 42.242 3182 -102.95 3183 60.187 3184 141.43 3185 39.774 3186 101.59 3187
84.844 3188 37.663 3189 90.52 3190 87.241 3191 71.948 3192 50.571 3193 96.605 3194
57.427 3195 102.28 3196 103.64 3197 154.09 3198 163.22 3199 73.51 3200 -160.69 3201
36.47 3202 94.463 3203 49.677 3204 95.711 3205 47.412 3206 56.533 3207 171.39 3208
90.808 3209 -55.071 3210 53.768 3211 42.584 3212 111.76 3213 64.576 3214 101.77 3215
113.01 3216 63.313 3217 73.831 3218 230.97 3219 115.03 3220 118.41 3221 152.22 3222
163.46 3223 119.67 3224 181.78 3225 188.94 3226 135.08 3227 129.98 3228 25.781 3229
127.54 3230 123.54 3231 172.59 3232 280.96 3233 190.9 3234 160.04 3235 198.07 3236
13.431 3237 17.404 3238 10.467 3239 88.461 3240 81.625 3241 170.36 3242 175.62 3243
432.87 3244 513.26 3245 238.98 3246 208.85 3247 540.48 3248 656.77 3249 -0.54761 3250
-4.6503 3251 -1.4134 3252 -263.49 3253 -47.217 3254 -49.648 3255 821.63 3256 588.62 3257
642.98 3258 773.55 3259 662.94 3260 268.08 3261 156.28 3262 59.396 3263 360.63 3264
380.35 3265 342.41 3266 -0.26266 3267 -4.2874 3268 -27.868 3269 -10.271 3270 0.81501
3271 -39.896 3272 4.0004 3273 -49.525 3274 -87.574 3275 2.1445 3276 -0.31325 3277 2.5585
3278 -50.967 3279 32.82 3280 3.9478 3281 0.93964 3282 -0.64143 3283 83.377 3284 27.674
3285 -77.814 3286 31.504 3287 26.105 3288 115.52 3289 59.819 3290 14.543 3291 14.722
3292 7.9279 3293 35.018 3294 29.294 3295 18.11 3296 25.634 3297 0.22429 3298 4.5267
3299 2.7029 3300 2.2154 3301 -36.889 3302 -26.219 3303 3.5046 3304 -0.29375 3305 -4.307
3306 -0.1225 3307 -2.6061 3308 -10.291 3309 -1.07 3310 4.2126 3311 158.44 3312 86.65
3313 30.947 3314 -155.17 3315 2.4581 3316 -57.21 3317 -48.196 3318 -215.17 3319 -217.3
3320 -208.28 3321 -223.73 3322 -356.88 3323 -317.86 3324 -353.37 3325 -378.62 3326
14.449 3327 -105.06 3328 -130.32 3329 16.996 3330 129.26 3331 226.1 3332 89.43 3333
127.61 3334 147.34 3335 220. 3336 109.39 3337 -327.92 3338 -118.7 3339 -147.4 3340
-140.44 3341 -450.94 3342 -479.64 3343 -472.68 3344 -437.57 3345 -271.65 3346 -306.32
3347 -395.54 3348 -326.55 3349 -427.44 3350 10.439 3351 -31.551 3352 -51.774 3353

-33.982 3354 -15.387 3355 71.831 3356 -38.591 3357 -12.916 3358 -15.463 3359 -81.699
3360 -25.336 3361 -125.07 3362 102.3 3363 52.989 3364 43.184 3365 597.76 3366 686.77
3367 728.32 3368 705.12 3369 601.67 3370 -143.51 3371 96.163 3372 29.926 3373 86.29
3374 132.36 3375 124.34 3376 -13.446 3377 -12.809 3378 -100.06 3379 25.859 3380 -2.7798
3381 -154.04 3382 26.943 3383 -225.84 3384 -298.37 3385 -116.67 3386 -128.18 3387 -27.256
3388 -202.7 3389 -263.46 3390 -91.678 3391 -95.559 3392 -26.13 3393 -65.967 3394 -190.5
3395 -303.61 3396 -121.92 3397 -133.43 3398 -74.24 3399 -285.42 3400 15.812 3401 66.641
3402 -2.4079 3403 -54.277 3404 -253.93 3405 -340.41 3406 -80.496 3407 -123.87 3408
-240.51 3409 -26.665 3410 -8.07 3411 -282.5 3412 -284.93 3413 -266.33 3414 -0.21575 3415
-4.229 3416 -5.7429 3417 -2.5281 3418 -0.99202 3419 -123.37 3420 2.8386 3421 -36.753
3422 -26.083 3423 -0.13402 3424 -2.6177 3425 -1.0815 3426 -164.78 3427 -154.11 3428
-0.49114 3429 3.7677 3430 -3.572 3431 -3.731 3432 5.7232 3433 -1.8585 3434 2.2163 3435
-3.7951 3436 6.7348 3437 4.6236 3438 -1.8538 3439 0.49121 3440 -2.4005 3441 3.314 3442
-3.1276 3443 6.9866 3444 2.5423 3445 -3.1638 3446 8.403 3447 -2.9087 3448 -2.9179 3449
3.4567 3450 -1.1506 3451 2.5966 3452 2.6006 3453 1.9286 3454 1.8436 3455 0.58103 3456
1.8344 3457 4.6733 3458 5.9343 3459 4.8649 3460 0.42068 3461 1.2744 3462 0.82517 3463
5.6533 3464 -1.2838 3465 4.4055 3466 2.2943 3467 0.85792 3468 3.7481 3469 3.7114 3470
3.5525 3471 1.2874 3472 109.41 3473 -9.8456 3474 -6.6309 3475 -14.316 3476 -5.0947 3477
-86.447 3478 -68.655 3479 -50.06 3480 -370.88 3481 -113.64 3482 -194.45 3483 -33.245 3484
-412.43 3485 -80.807 3486 -81.075 3487 35.481 3488 -151.16 3489 -113.13 3490 -404.09 3491
-108.37 3492 -104.79 3493 -158.65 3494 -110.93 3495 -143.26 3496 38.6 3497 60.801 3498
48.987 3499 28.203 3500 45.376 3501 30.854 3502 24.06 3503 67.576 3504 108.98 3505
-139.38 3506 -223.24 3507 -146.24 3508 -247.54 3509 0.59651 3510 27.939 3511 8.9463e-002
3512 -9.5381e-003 3513 4.4541e-002 3514 2.6872 3515 2.946e-002 3516 -7.0033 3517 22.666
3518 -59.578 3519 4.3924 3520 -80.856 3521 -15.942 3522 -89.914 3523 -33.55 3524 -35.418
3525 -24.88 3526 -132.65 3527 94.18 3528 44.674 3529 49.96 3530 14.881 3531 38.663 3532
15.557 3533 35.736 3534 324.77 3535 79.131 3536 157.17 3537 67.834 3538 44.728 3539
255.7 3540 358.59 3541 400.67 3542 377.17 3543 429.25 3544 -236.79 3545 130.17 3546
-158.37 3547 106.68 3548 -88.678 3549 10.701 3550 -55.359 3551 2.8385 3552 -54.327 3553
10.663 3554 -7.3566 3555 -8.8889 3556 -0.81755 3557 -11.839 3558 62.689 3559 16.667 3560
18.926 3561 -1.2586 3562 1.9561 3563 5.1861 3564 197.82 3565 72.772 3566 287.52 3567
221.97 3568 52.588 3569 66.756 3570 368.8 3571 128.52 3572 303.25 3573 174.9 3574
209.02 3575 -332.83 3576 -83.823 3577 -37.443 3578 -259.49 3579 -127.06 3580 -564.83
3581 -534.18 3582 -455.76 3583 -508.51 3584 -399.5 3585 -271.07 3586 -411.01 3587 -446.74
3588 -463.76 3589 -314.31 3590 -501.19 3591 -354.75 3592 -380.36 3593 -310.67 3594
-433.11 3595 -324.1 3596 -40.574 3597 -40.498 3598 -91.828 3599 -44.574 3600 -60.05 3601
-232.42 3602 -51.435 3603 -63.001 3604 -157.28 3605 29.625 3606 24.415 3607 -5.4533 3608
4.8633 3609 15.402 3610 112.95 3611 29.701 3612 31.96 3613 -0.16764 3614 23.614 3615
233.06 3616 109.99 3617 324.74 3618 261.64 3619 268.79 3620 101.65 3621 366.82 3622
126.54 3623 -13.402 3624 251.65 3625 303.72 3626 310.87 3627 155.67 3628 207.04 3629
89.606 3630 26.75 3631 6.5659 3632 9.7807 3633 -5.3772 3634 18.405 3635 6.4717 3636
4.9394 3637 13.011 3638 243.75 3639 8.8249 3640 20.664 3641 218.22 3642 392.95 3643
402.55 3644 298.72 3645 -162. 3646 24.319 3647 -65.296 3648 58.438 3649 -105.74 3650
-58.995 3651 -232.25 3652 -245.68 3653 -198.94 3654 -38.577 3655 -9.7492 3656 -2.4464
3657 -5.7286 3658 0.81041 3659 280.22 3660 287.38 3661 132.17 3662 183.55 3663 -285.
3664 -63.186 3665 -175.99 3666 -129.25 3667 199.05 3668 337. 3669 233.17 3670 -18.915
3671 104.82 3672 -390.42 3673 -240.96 3674 -427.85 3675 -281.41 3676 -444.87 3677
-298.43 3678 339.45 3679 242.77 3680 15.204 3681 -148.97 3682 -102.23 3683 87.566 3684
-29.867 3685 21.505 3686 -142.67 3687 254.99 3688 113.06 3689 46.852 3690 83.05 3691
75.029 3692 111.7 3693 284.47 3694 283.22 3695 253.21 3696 324.23 3697 321.7 3698
281.86 3699 373.49 3700 77.626 3701 11.416 3702 -35.236 3703 -1.8018 3704 1.5432 3705
18.848 3706 47.614 3707 -21.223 3708 142.54 3709 183.55 3710 181.97 3711 116.31 3712
232.8 3713 274.36 3714 75.08 3715 82.512 3716 111.28 3717 182.3 3718 115.06 3719 -191.78
3720 -201.54 3721 -292.17 3722 -257.05 3723 -177.77 3724 -303.79 3725 -1.0034 3726
45.067 3727 37.047 3728 -94.192 3729 -51.001 3730 -47.656 3731 -70.422 3732 -0.51985
3733 -0.99191 3734 -1.1411 3735 -9.3229 3736 7.63 3737 -7.4833 3738 2.0972 3739 0.76931
3740 9.9948 3741 0.13624 3742 0.2442 3743 0.31537 3744 10.933 3745 1.5334 3746 6.7896

3747 -1.0669 3748 -1.5801 3749 9.7294 3750 21.693 3751 -7.6822 3752 -7.3564 3753 -18.866
3754 40.324 3755 26.357 3756 9.5557 3757 2.4198 3758 -21.243 3759 -56.796 3760 -47.782
3761 -85.831 3762 -6.8134e-002 3763 -0.68934 3764 3.0349e-003 3765 10.62 3766 -6.7914
3767 10.446 3768 -0.58138 3769 8.1897 3770 10.728 3771 1.329 3772 10.554 3773 -6.2262
3774 -24.567 3775 -52.426 3776 -9.2353 3777 -60.12 3778 7.7177 3779 -7.3957 3780 -7.7585
3781 2.0357 3782 22.071 3783 9.9332 3784 10.799 3785 -6.6123 3786 6.6564 3787 -200.24
3788 -105.66 3789 -102.03 3790 -129.89 3791 -243.61 3792 -185.4 3793 -166.62 3794 -174.3
3795 -175.66 3796 -229.82 3797 -276.56 3798 -37.896 3799 -45.369 3800 -51.862 3801
-79.721 3802 50.288 3803 -16.956 3804 6.2125 3805 8.0521 3806 26.863 3807 17.633 3808
37.668 3809 59.406 3810 25.53 3811 -149.3 3812 -177.01 3813 -259.95 3814 -283.05 3815
-224.84 3816 -145.55 3817 57.964 3818 109.73 3819 145.64 3820 79.702 3821 76.595 3822
190.12 3823 261.93 3824 -40.735 3825 -91.62 3826 -38.896 3827 -20.085 3828 -60.156 3829
-8.1448 3830 -23.303 3831 0.47915 3832 -12.615 3833 -3.3939 3834 -20.088 3835 -8.2391
3836 -1.7 3837 -27.773 3838 -15.924 3839 -34.265 3840 -62.124 3841 -11.464 3842 -23.397
3843 -69.597 3844 -70.958 3845 -34.571 3846 -24.929 3847 -14.391 3848 -10.789 3849
-29.889 3850 -57.748 3851 -13.08 3852 -5.009 3853 -76.089 3854 -83.783 3855 -189.81 3856
-112.82 3857 -105.31 3858 -60.757 3859 -111.64 3860 -57.412 3861 -217.67 3862 -159.46
3863 -80.178 3864 -59.28 3865 -48.742 3866 -206.2 3867 -67.498 3868 -218.76 3869 -37.775
3870 -49.341 3871 -70.283 3872 -207.56 3873 -68.451 3874 -0.61335 3875 -15.727 3876
-14.221 3877 3.0837 3878 -6.1462 3879 31.85 3880 -36.987 3881 -16.089 3882 1.7514 3883
-66.611 3884 -110.32 3885 -225.37 3886 -167.16 3887 -87.872 3888 -148.37 3889 2.7317 3890
18.878 3891 48.803 3892 0.86349 3893 9.4789 3894 18.704 3895 -96.367 3896 -308.3 3897
-250.09 3898 -170.81 3899 -4.3066 3900 -52.491 3901 -67.24 3902 -166.98 3903 -166.34 3904
-139.36 3905 35.195 3906 -12.744 3907 -2.206 3908 -109.97 3909 -273.19 3910 -254.4 3911
51.341 3912 4.0049 3913 38.589 3914 52.011 3915 12.017 3916 24.068 3917 17.274 3918
21.243 3919 52.5 3920 56.277 3921 -16.337 3922 22.401 3923 25.309 3924 13.171 3925
73.245 3926 152.29 3927 68.514 3928 85.043 3929 81.936 3930 109.92 3931 53.993 3932
51.167 3933 111.49 3934 97.108 3935 16.294 3936 67.082 3937 63.975 3938 177.5 3939
50.008 3940 33.206 3941 60.493 3942 101.9 3943 68.059 3944 184.78 3945 115.74 3946
229.26 3947 152.46 3948 98.595 3949 -24.591 3950 34.6 3951 6.6566 3952 139.54 3953
221.73 3954 220.78 3955 156.07 3956 180.94 3957 164.19 3958 272.56 3959 182.51 3960
-24.265 3961 34.925 3962 148.45 3963 76.662 3964 20.959 3965 220.42 3966 154.76 3967
151.65 3968 336.98 3969 181.2 3970 150.34 3971 188.37 3972 23.416 3973 97.167 3974
80.419 3975 41.241 3976 34.446 3977 98.736 3978 154.49 3979 270.99 3980 239.88 3981
312.54 3982 336.71 3983 201.94 3984 180.93 3985 150.07 3986 178.41 3987 161.66 3988
270.03 3989 54.127 3990 55.527 3991 54.131 3992 10.742 3993 8.9697 3994 64.717 3995
12.855 3996 6.9464 3997 10.984 3998 16.24 3999 10.535 4000 6.5398 4001 12.824 4002
7.9983 4003 85.713 4004 54.945 4005 271.04 4006 115.27 4007 93.841 4008 54.663 4009
51.838 4010 112.16 4011 119.32 4012 65.462 4013 121.82 4014 -135.69 4015 -261.72 4016
-5.9972 4017 -4.0742 4018 -17.563 4019 -111.84 4020 65.898 4021 123.39 4022 -208.09 4023
-27.105 4024 5.6798 4025 -284.21 4026 -8.9475 4027 363.37 4028 252.77 4029 231.76 4030
200.9 4031 7.8229 4032 60.68 4033 84.215 4034 356.44 4035 237.87 4036 182.16 4037
110.38 4038 294.32 4039 63.57 4040 131.85 4041 110.84 4042 148.87 4043 118.01 4044
102.18 4045 -39.733 4046 -519.66 4047 -28.332 4048 -39.47 4049 -67.031 4050 -172.38 4051
-410.8 4052 -46.797 4053 -201.25 4054 -313.72 4055 -0.1838 4056 -17.372 4057 -6.8577 4058
-2.5578 4059 -2.6025 4060 -4.8654 4061 -338.05 4062 -28.226 4063 -323.44 4064 50.265
4065 37.462 4066 101.33 4067 40.143 4068 88.574 4069 74.649 4070 -18.776 4071 -30.58
4072 -340.59 4073 -572.6 4074 -447.71 4075 -554.8 4076 -314.15 4077 4.11 4078 641.58 4079
9.7303 4080 24.598 4081 678.02 4082 733.94 4083 853.68 4084 142.51 4085 137.24 4086
-7.4072 4087 -31.697 4088 54.92 4089 11.706 4090 11.016 4091 -12.171 4092 -495.91 4093
-624.82 4094 -721.53 4095 -606.09 4096 10.97 4097 19.82 4098 163.29 4099 68.657 4100
-46.194 4101 14.938 4102 0.56466 4103 1.7336e-002 4104 1.2486 4105 8.4523e-002 4106
-0.34954 4107 0.40377 4108 0.26259 4109 0.3124 4110 1.0984e-010 4111 -2.9965e-002 4112
4.0578 4113 57.236 4114 1.0731 4115 2.3915 4116 8.7514 4117 8.2146 4118 -33.269 4119
-5.8988 4120 -8.8355 4121 -34.883 4122 -284.89 4123 2.6984 4124 3.1767e-010 4125 -5.011
4126 -8.7024 4127 75.56 4128 156.9 4129 -8.2811 4130 143.66 4131 84.311 4132 -104.61
4133 -162.36 4134 -235.89 4135 -203.71 4136 -121.8 4137 -131.13 4138 -405.13 4139 -491.26

4140 -316.27 4141 -530.96 4142 -334.21 4143 -258.66 4144 -52.666 4145 -51.054 4146
-12.554 4147 -23.812 4148 -324.03 4149 -392.78 4150 -398.65 4151 -19.11 4152 -9.7479 4153
-517.23 4154 -569.5 4155 -526.11 4156 12.56 4157 43.071 4158 -19.064 4159 -2.1942e-011
4160 -43.611 4161 13.593 4162 209.13 4163 340.02 4164 88.024 4165 308.59 4166 199.61
4167 -86.477 4168 147.33 4169 -140.56 4170 -2.581e-010 4171 542.6 4172 28.797 4173
0.78358 4174 63.92 4175 370.69 4176 -71.758 4177 -144.76 4178 417.08 4179 557.86 4180
-5.9964 4181 -509.07 4182 0.84661 4183 248.02 4184 -86.948 4185 -290.84 4186 217.68 4187
651.29 4188 -6.1333 4189 -452.65 4190 2.8687 4191 306.39 4192 -317.44 4193 -355.07 4194
303.48 4195 801.72 4196 401.52 4197 7.9249 4198 -495.1 4199 -257.58 4200 -394.47 4201
16.127 4202 484.83 4203 7.8291 4204 -1.4104 4205 4.3511 4206 3.5483 4207 3.762 4208
5.2197 4209 5.5268 4210 8.5574e-003 4211 -7.694e-002 4212 1.4632e-010 4213 0.25255
4214 -0.1567 4215 0.15818 4216 0.43734 4217 0.40168 4218 3.2072 4219 -4.2383 4220
4.8596 4221 0.88059 4222 -4.0125 4223 -4.6014e-002 4224 6.88 4225 25.696 4226 9.8796
4227 2.4275 4228 -1.9472 4229 -9.8972 4230 5.309 4231 0.18599 4232 3.5342 4233 -16.747
4234 -2.8389 4235 0.9231 4236 2.1957 4237 -4.394 4238 0.11245 4239 14.233 4240 0.55234
4241 -12.369 4242 17.524 4243 3.531 4244 -1.3364 4245 -10.947 4246 0.50699 4247 0.95813
4248 1.0273e-002 4249 2.1777 4250 -1.4255 4251 14.259 4252 -3.2146 4253 -9.5354 4254
15.045 4255 1010.8 4256 189.97 4257 288.06 4258 145.69 4259 119.21 4260 -132.29 4261
117.52 4262 55.444 4263 -526.12 4264 171.73 4265 38.757 4266 47.674 4267 725.39 4268
708.84 4269 -341.33 4270 -32.18 4271 1.3352 4272 3.713 4273 87.386 4274 15.081 4275
-21.992 4276 -7.832 4277 67.044 4278 14.513 4279 122.84 4280 -34.474 4281 -1174.7 4282
-10.363 4283 26.554 4284 -839.97 4285 -854.48 4286 20.164 4287 76.806 4288 32.443 4289
-142.1 4290 -25.734 4291 107.45 4292 -530.69 4293 -29.696 4294 31.794 4295 274.11 4296
-14.529 4297 -138.95 4298 -10.524 4299 37.102 4300 -14.861 4301 -662.55 4302 582.35 4303
48.111 4304 276.06 4305 15.691 4306 -5.9648 4307 1.3072 4308 -14.945 4309 13.485 4310
-49.309 4311 7.1344 4312 13.225 4313 -3.2698e-002 4314 20.252 4315 16.426 4316 17.227
4317 6.778 4318 -4.6378 4319 -4.5951 4320 15.742 4321 0.92167 4322 9.2269 4323 -2.4497
4324 -0.84595 4325 3.6155 4326 -2.6075 4327 0.35308 4328 -0.77446 4329 17.925 4330
-8.5471 4331 -64.29 4332 23.751 4333 8.9801e-002 4334 -20.454 4335 -3.4014 4336 13.619
4337 3.5642 4338 -46.098 4339 -29.532 4340 -29.888 4341 -16.206 4342 -3.7951 4343
-2.3945 4344 -1.6663 4345 -6.1782 4346 -2.8593 4347 -12.562 4348 -5.4819 4349 -6.0426
4350 -3.4155 4351 -4.7565 4352 -8.6295 4353 -0.28214 4354 -0.58703 4355 -22.125 4356
-10.182 4357 -31.293 4358 -26.255 4359 -41.73 4360 -32.317 4361 -34.213 4362 -49.627 4363
-34.152 4364 -48.852 4365 -46.782 4366 0.34528 4367 -36.988 4368 -33.083 4369 -21.904
4370 -22.184 4371 -22.398 4372 -16.781 4373 -15.245 4374 0.12821 4375 -8.9265 4376
-14.477 4377 -10.634 4378 -9.4455 4379 0.17852 4380 -18.641 4381 -30.534 4382 -25.446
4383 -86.795 4384 -87.97 4385 -97.567 4386 -91.447 4387 -90.848 4388 -132.46 4389 -144.75
4390 -115.52 4391 -142.66 4392 -94.162 4393 -131.94 4394 -106.68 4395 -108.09 4396
-67.297 4397 -72.497 4398 -52.997 4399 -46.484 4400 -40.06 4401 -55.503 4402 -38.261 4403
-46.901 4404 -51.256 4405 -52.742 4406 -53.461 4407 228.33 4408 463.36 4409 192.42 4410
232.03 4411 343.56 4412 189.55 4413 265.07 4414 306.72 4415 -788.49 4416 -565.34 4417
-563.29 4418 -486.64 4419 -604.65 4420 -732.41 4421 -381.36 4422 -463.46 4423 -7.392e-002
4424 -12.649 4425 3.6252 4426 -81.335 4427 -94.858 4428 -44.322 4429 0.13572 4430
-37.784 4431 -18.315 4432 0.15205 4433 -17.26 4434 -4.4817e-002 4435 -0.14306 4436
10.251 4437 1.9946e-002 4438 0.27011 4439 -140.73 4440 -208.77 4441 322.17 4442 12.189
4443 238.1 4444 431.7 4445 426.07 4446 406.4 4447 428.48 4448 484.65 4449 157.4 4450
368.3 4451 433.48 4452 462.32 4453 633.34 4454 517.24 4455 5.2389 4456 9.8523 4457
20.978 4458 42.878 4459 89.713 4460 217.12 4461 15.407 4462 37.795 4463 40.127 4464
53.039 4465 82.091 4466 221.67 4467 1.7226 4468 1.9822 4469 4.0246 4470 6.7736 4471
13.803 4472 36.627 4473 24.336 4474 50.605 4475 73.498 4476 69.31 4477 79.939 4478
37.699 4479 -0.42715 4480 125.55 4481 -1422.2 4482 -5.032 4483 -43.729 4484 -110.51 4485
-240.59 4486 -165.89 4487 -35.568 4488 -48.592 4489 -12.855 4490 -3.3412 4491 -1.2751
4492 -0.73418 4493 -1.2231 4494 -0.60367 4495 -228.62 4496 107.58 4497 -43.4498 72.227
4499 110.27 4500 146.9 4501 65.586 4502 55.774 4503 26.93 4504 -4.3532 4505 -198.72
4506 -783.55 4507 -791.44 4508 -231.82 4509 -26.378 4510 934.53 4511 850.82 4512 838.58
4513 848.36 4514 825.23 4515 191.83 4516 -17.875 4517 -15.858 4518 -24.433 4519 25.397
4520 -69.377 4521 14.52 4522 19.478 4523 -545.97 4524 -290.03 4525 -443.87 4526 -1061.9

4527 -727.99 4528 -734.82 4529 -497.87 4530 58.859 4531 4.007 4532 -219.28 4533 28.382
4534 40.954 4535 12.086 4536 -30.625 4537 16.759 4538 4.7014 4539 1.8109 4540 2.5039
4541 1.5793 4542 -1.3958e-003 4543 0.13363 4544 -1.4219e-002 4545 4.1744e-002 4546
6.5049e-004 4547 2.1544e-010 4548 1.5618e-011 4549 -1.3205 4550 -0.11208 4551 -0.19727
4552 -85.427 4553 2.1511 4554 2.8035 4555 0.89999 4556 -0.31451 4557 -2.9037 4558
-0.23723 4559 -260.37 4560 3.0575 4561 0.378 4562 3.3621 4563 8.6402e-012 4564 5.3748
4565 4.0941 4566 -1.003 4567 56.16 4568 54.94 4569 129.23 4570 136.44 4571 171.67 4572
117.47 4573 66.048 4574 1.0689 4575 -51.137 4576 -172.15 4577 -133.77 4578 -36.223 4579
-380.97 4580 -256.65 4581 -369.81 4582 -356.98 4583 -358.46 4584 -344.71 4585 -40.293
4586 -47.377 4587 -263.26 4588 -172.18 4589 -384.2 4590 -362.81 4591 -341.98 4592 -259.25
4593 -656.87 4594 -504.33 4595 -497.49 4596 -411.78 4597 -393.54 4598 -378.63 4599
-19.527 4600 20.481 4601 5.7919 4602 2.8925e-010 4603 9.3178 4604 -45.234 4605 -63.516
4606 140.1 4607 30.328 4608 258.34 4609 466.2 4610 379.74 4611 258.75 4612 130.12 4613
42.253 4614 -71.495 4615 -53.253 4616 -28.518 4617 -11.543 4618 61.294 4619 12.784 4620
115.15 4621 116.29 4622 -136.8 4623 -535.65 4624 -590.97 4625 -171.2 4626 163.97 4627
7.7473 4628 -3.6457 4629 2.1678 4630 2.1956 4631 11.738 4632 1.9017 4633 -1.732 4634
9.857 4635 -2.4561e-002 4636 -1.058e-003 4637 -1.0673 4638 4.0056e-010 4639 7.7734e-002
4640 0.28416 4641 7.5843e-003 4642 3.1537e-002 4643 4.1357e-002 4644 1.0343 4645
1.9213 4646 0.74991 4647 0.93465 4648 -3.8211 4649 0.69231 4650 -4.0665 4651 -11.683
4652 4.7349 4653 0.1259 4654 -9.1904 4655 0.5641 4656 1.3808 4657 -3.271 4658 -7.0748
4659 -1.4101 4660 1.295 4661 218.73 4662 487.24 4663 62.643 4664 78.935 4665 -18.659
4666 206.92 4667 20.789 4668 -2.1632 4669 192.98 4670 -164.2 4671 -360.81 4672 -197.49
4673 -307.78 4674 550.08 4675 1035.6 4676 555.92 4677 489.26 4678 799.4 4679 -32.078
4680 40.422 4681 -48.329 4682 -18.179 4683 4.8226 4684 -80.48 4685 -6.1003e-002 4686
-10.566 4687 -36.029 4688 -14.382 4689 -24.024 4690 -0.92567 4691 -20.052 4692 -27.923
4693 -3.2733 4694 -65.442 4695 1.5941 4696 -13.711 4697 -2.35 4698 1.696 4699 -4.4243
4700 -3.6121 4701 -3.9127 4702 -12.288 4703 -8.2121 4704 -9.0269 4705 -4.7563 4706
-5.9816 4707 -6.3485 4708 -9.0492 4709 -17.766 4710 -19.944 4711 -18.455 4712 -14.453
4713 -104.81 4714 -89.008 4715 291.02 4716 302.04 4717 223.81 4718 474.18 4719 344.63
4720 324.74 4721 172.69 4722 221.78 4723 319.74 4724 356.38 4725 -2.7761 4726 -5.081e-
002 4727 32.056 4728 0.12147 4729 -276.21 4730 -973.92 4731 77.313 4732 126.57 4733
-137.49 4734 -4.9007 4735 -24.859 4736 -58.607 4737 -127.98 4738 -186.04 4739 -19.451
4740 -19.215 4741 -22.841 4742 -192.84 4743 -26.701 4744 -125.78 4745 -51.748 4746
-37.938 4747 -41.527 4748 -126.37 4749 -246.66 4750 -94.309 4751 -120.73 4752 -121.72
4753 -76.508 4754 -122.65 4755 -77.709 4756 -75.132 4757 -59.793 4758 -52.651 4759
-181.39 4760 -84.959 4761 -50.926 4762 -99.651 4763 -102.89 4764 -51.666 4765 -90.41 4766
26.162 4767 21.458 4768 36.428 4769 64.212 4770 80.444 4771 61.028 4772 68.753 4773
77.974 4774 97.384 4775 74.51 4776 60.681 4777 39.386 4778 34.776 4779 25.706 4780
88.652 4781 122.62 4782 160.09 4783 167.15 4784 106.68 4785 84.754 4786 179.3 4787
152.76 4788 119.91 4789 78.764 4790 10.812 4791 116.59 4792 2.4621 4793 -29.435 4794
-255.85 4795 -99.759 4796 -188.67 4797 42.101 4798 32.22 4799 -211.33 4800 -246.4801
-15.596 4802 131.68 4803 215.07 4804 -177.25 4805 -217.86 4806 31.522 4807 -696.89 4808
-591.31 4809 132.47 4810 78.939 4811 103.27 4812 126.79 4813 87.437 4814 42.487 4815
-1019.4 4816 -1019.4817 -171.95 4818 -49.163 4819 -6.894e-002 4820 -412.09 4821 -49.09
4822 20.847 4823 3.1224 4824 22.678 4825 32.813 4826 0.34511 4827 3.6026 4828 -280.27
4829 -393.38 4830 -254.95 4831 -257.69 4832 111.17 4833 -372.85 4834 -348.2 4835 80.347
4836 88.814 4837 88.249 4838 90.303 4839 99.629 4840 41.774 4841 -1127.7 4842 -207.32
4843 -77.277 4844 46.838 4845 -266.84 4846 -82.036 4847 -0.96128 4848 12.505 4849 26.651
4850 24.017 4851 2.198 4852 5.0574 4853 -335.77 4854 -58.139 4855 -338.85 4856 91.95
4857 -117.48 4858 -428.93 4859 457.22 4860 38.521 4861 22.788 4862 71.84 4863 369.86
4864 293.94 4865 -545.12 4866 -344.49 4867 -119.16 4868 -255.77 4869 189.76 4870 -16.769
4871 -476.8 4872 176.95 4873 48.037 4874 44.525 4875 70.827 4876 408.68 4877 308.1 4878
-384.24 4879 -6.3741 4880 0.11597 4881 3.3695e-002 4882 10.766 4883 -13.414 4884 -1.4738
4885 0.34766 4886 1.0304 4887 1.6193 4888 -0.95013 4889 1.53e-003 4890 -0.10987 4891
0.89796 4892 0.2414 4893 20.095 4894 38.97 4895 -136.1 4896 -179.66 4897 87.097 4898
-27.505 4899 -212.22 4900 70.091 4901 174.16 4902 0.38104 4903 0.19203 4904 -0.82118
4905 -1.9041 4906 0.26229 4907 1.1969 4908 -0.45541 4909 3.1797 4910 1.2184 4911 2.7513

4912 -0.19277 4913 0.43726 4914 -2.9962 4915 5.1366 4916 0.38797 4917 -0.67146 4918
4.7598 4919 1.1486 4920 -0.17517 4921 -9.1707e-011 4922 -2.8692 4923 -0.47804 4924
0.23646 4925 0.60008 4926 6.7312 4927 -18.839 4928 -22.903 4929 80.191 4930 13.206 4931
110.09 4932 228.58 4933 149.98 4934 11.786 4935 -95.634 4936 -135.21 4937 -37.785 4938
213.98 4939 318.63 4940 -357.01 4941 -382.98 4942 131.73 4943 27.64 4944 78.578 4945
97.661 4946 173.51 4947 -428.74 4948 163.55 4949 156.07 4950 -103.64 4951 -79.829 4952
-132.85 4953 112.99 4954 -129.71 4955 -26.708 4956 -17.388 4957 331.48 4958 -91.04 4959
176.16 4960 236.58 4961 100.56 4962 101.7 4963 56.563 4964 -83.084 4965 -89.806 4966
34.041 4967 -299.97 4968 6.4481 4969 -10.31 4970 27.294 4971 -61.765 4972 26.185 4973
-101.01 4974 2.9234 4975 -18.237 4976 -60.435 4977 149.58 4978 -75.303 4979 -261.55 4980
-14.782 4981 -3.8497 4982 4.3301 4983 -58.166 4984 -117.37 4985 -10.922 4986 44.316 4987
-91.69 4988 -5.2351 4989 5.7978e-002 4990 -81.245 4991 -3.1967 4992 -86.886 4993
-0.82383 4994 -152.58 4995 -33.426 4996 -184.23 4997 -139.14 4998 -131.85 4999 5.5857
5000 -111.43 5001 -20.752 5002 -1.5209 5003 10.26 5004 -43.829 5005 157.62 5006 -190.53
5007 -29.692 5008 -156.04 5009 -9.0179 5010 -30.545 5011 -103.35 5012 -8.6275 5013
-209.74 5014 -163.16 5015 -24.304 5016 152.05 5017 -16.53 5018 -0.52183 5019 -135.54
5020 -79.162 5021 -13.035 5022 -16.67 5023 -110.29 5024 -85.113 5025 -346.98 5026 18.353
5027 -41.279 5028 -100.45 5029 -92.114 5030 -74.913 5031 10.345 5032 -319.07 5033 -100.15
5034 -30.728 5035 450.29 5036 74.946 5037 -48.679 5038 68.35 5039 -61.457 5040 -365.99
5041 -54.047 5042 89.252 5043 -17.852 5044 -48.168 5045 -214.66 5046 19.417 5047 -97.35
5048 -175.38 5049 507.19 5050 132.02 5051 -149.9 5052 -450.92 5053 -50.187 5054 21.918
5055 97.004 5056 24.959 5057 -362.74 5058 99.657 5059 -109.1 5060 41.616 5061 215.27
5062 159.37 5063 54.009 5064 124.63 5065 2.9596 5066 4.4968 5067 185.61 5068 23.716
5069 1.1309 5070 -48.918 5071 -50.531 5072 -72.876 5073 -168.61 5074 -7.4699 5075
-38.333 5076 -48.338 5077 -197.94 5078 -263.29 5079 -218.56 5080 -51.071 5081 -82.446
5082 -81.293 5083 -43.374 5084 11.778 5085 9.7007 5086 10.546 5087 52.739 5088 -34.876
5089 -0.23291 5090 -29.574 5091 -182.12 5092 18.003 5093 110.81 5094 100.35 5095 106.81
5096 182.88 5097 -1.267 5098 25.38 5099 -21.557 5100 154.74 5101 35.75 5102 52.58 5103
-155.3 5104 1.779 5105 -0.24932 5106 0.52628 5107 -108.19 5108 -26.768 5109 420.44 5110
-121.9 5111 176.03 5112 95.801 5113 32.377 5114 84.718 5115 -99.525 5116 56.535 5117
-263.56 5118 55.755 5119 -160.52 5120 75.887 5121 21.987 5122 -12.777 5123 -23.628 5124
-19.708 5125 -3.6881 5126 -15.14 5127 -16.152 5128 -25.127 5129 -183.32 5130 -49.571 5131
22.239 5132 -86.895 5133 -13.796 5134 -97.506 5135 51.778 5136 -79.892 5137 -228.54 5138
-0.28898 5139 114.2 5140 -82.015 5141 -167.56 5142 106. 5143 -9.1118 5144 -175.16 5145
73.577 5146 64.882 5147 2.1572 5148 -54.275 5149 229.53 5150 -2.5909 5151 -0.64406 5152
-1.8979 5153 -135.48 5154 23.055 5155 0.37167 5156 -139.24 5157 52.98 5158 -16.333 5159
-69.708 5160 -280.66 5161 -447.35 5162 15.973 5163 155.83 5164 123.29 5165 331.53 5166
127.82 5167 -18.721 5168 -217.78 5169 255.65 5170 19.624 5171 -33.233 5172 -157.25 5173
-37.751 5174 -224.37 5175 -53.387 5176 -39.848 5177 -445.49 5178 -37.772 5179 19.193
5180 -539.3 5181 -28.925 5182 -222.27 5183 -335.63 5184 -75.046 5185 -27.194 5186 -36.644
5187 -1.8755 5188 -295.68 5189 -138.09 5190 18.753 5191 -4.5713 5192 9.9903 5193 -157.49
5194 -14.593 5195 -11.081 5196 35.38 5197 359.29 5198 4.0504 5199 136.47 5200 -24.538
5201 -35.462 5202 -17.309 5203 18.761 5204 2.3571 5205 -47.844 5206 -17.11 5207 124.94
5208 -22.105 5209 -60.842 5210 -206.33 5211 -20.984 5212 -162.35 5213 -6.2865e-002 5214
4.8889 5215 30.986 5216 105.04 5217 189.39 5218 256.48 5219 -316.47 5220 -290.19 5221
-196.64 5222 -146.14 5223 -250.73 5224 23.156 5225 -12.553 5226 -55.822 5227 -146.65
5228 -5.8046 5229 -155. 5230 95.006 5231 77.61 5232 -39.498 5233 292.67 5234 15.248 5235
-9.2905 5236 -95.455 5237 -96.267 5238 -366.41 5239 -419.91 5240 -350.1 5241 6.928 5242
-20.678 5243 -292.51 5244 92.053 5245 -302.96 5246 -446.12 5247 -67.707 5248 -268.43
5249 132.96 5250 -347.73 5251 -371.19 5252 -392.43 5253 -7.1384 5254 100.42 5255 -238.79
5256 -134.12 5257 -484.04 5258 -16.614 5259 -86.762 5260 -34.032 5261 -22.299 5262
-19.824 5263 -20.041 5264 -46.199 5265 -26.144 5266 -19.077 5267 -22.079 5268 -29.474
5269 -33.217 5270 -28.202 5271 -25.407 5272 -32.135 5273 -465.23 5274 -360.45 5275
-572.24 5276 -620.59 5277 -505.46 5278 -525.31 5279 -790.78 5280 -292.55 5281 -352.85
5282 -356.25 5283 -438.34 5284 -474.2 5285 -355.1 5286 -364.7 5287 -33.901 5288 -15.467
5289 -16.599 5290 -14.341 5291 -13.964 5292 -14.999 5293 -23.891 5294 -23.773 5295
-13.972 5296 -18.675 5297 -18.48 5298 -20.555 5299 -19.706 5300 -21.014 5301 -21.036 5302

-20.932 5303 -41.599 5304 -20.372 5305 -20.346 5306 -32.164 5307 -29.46 5308 -25.196 5309
-21.333 5310 -30.111 5311 -24.049 5312 -26.123 5313 -27.811 5314 -36.944 5315 -55.38 5316
-88.773 5317 -39.943 5318 -35.186 5319 -45.945 5320 -62.819 5321 -44.936 5322 -46.9 5323
-42.876 5324 -291.59 5325 -243.05 5326 -94.874 5327 -141.45 5328 -206.48 5329 -103.97
5330 -149.08 5331 -112.06 5332 -116.41 5333 -115.27 5334 -126.81 5335 -162.48 5336
-153.93 5337 -133.92 5338 -306.02 5339 -362.26 5340 -453.35 5341 -517.81 5342 -427.33
5343 -301.82 5344 -268.29 5345 -383.91 5346 -281.69 5347 -300.67 5348 -42.291 5349
-32.029 5350 -106.34 5351 -47.695 5352 -62.98 5353 -257.49 5354 -413.03 5355 -322.56 5356
-404.82 5357 -277.16 5358 -429.85 5359 -378.8 5360 -233.15 5361 -212.58 5362 -224.6 5363
-8.3232e-002 5364 -0.11431 5365 -0.16343 5366 -8.1927e-002 5367 -0.45899 5368 -0.39373
5369 -0.35282 5370 -7.0822 5371 -63.943 5372 -26.47 5373 -15.113 5374 -7.7251 5375
-8.3108 5376 -38.903 5377 -76.426 5378 -27.008 5379 -56.413 5380 -3.228 5381 -9.8561 5382
-5.0994 5383 -2.9117 5384 -2.4682 5385 -12.789 5386 -1.0602 5387 -23.143 5388 -2.9495
5389 -1.9165 5390 -1.2631 5391 -0.76177 5392 -6.74 5393 -2.8772 5394 -1.6009 5395 -3.7339
5396 -1.0993 5397 -1.9128 5398 -1.2344 5399 -2.8996 5400 -7.6899 5401 -2.6074 5402
-2.2308 5403 -2.4334 5404 -2.2387 5405 -330.74 5406 -152.8 5407 -115.3 5408 -434.37 5409
-268.38 5410 -211.74 5411 -375.07 5412 -152.62 5413 -166.23 5414 -14.818 5415 -12.346
5416 -13.015 5417 -13.978 5418 -128.42 5419 -35.613 5420 -14.212 5421 -100.09 5422
-12.552 5423 -15.957 5424 -276.03 5425 -107.93 5426 -261.08 5427 -204.43 5428 -247.69
5429 -367.76 5430 -150.38 5431 -145.31 5432 -161.42 5433 -158.93 5434 -162.67 5435
-240.47 5436 -307.97 5437 30.258 5438 38.598 5439 22.956 5440 17.204 5441 -144.29 5442
71.107 5443 8.5162 5444 -151.56 5445 21.495 5446 72.523 5447 54.845 5448 -80.627 5449
49.072 5450 38.424 5451 -73.382 5452 -32.944 5453 -35.363 5454 -235.63 5455 53.277 5456
86.78 5457 105.8 5458 -341.11 5459 99.359 5460 87.922 5461 -8.0182 5462 4.8218 5463
-117.15 5464 -203.79 5465 21.952 5466 75.205 5467 93.523 5468 54.448 5469 59.058 5470
-68.555 5471 -88.858 5472 -489.41 5473 -120.26 5474 -249.58 5475 -91.063 5476 -233.11
5477 46.061 5478 117.74 5479 77.08 5480 -351.43 5481 84.509 5482 74.801 5483 -105.7
5484 -16.664 5485 25.401 5486 -103.55 5487 -119.75 5488 39.5 5489 70.117 5490 65.211
5491 -78.586 5492 55.538 5493 69.43 5494 -7.5787 5495 -41.301 5496 -74.862 5497 -24.678
5498 -14.65 5499 -340.66 5500 281.79 5501 -125.3 5502 86.527 5503 219.22 5504 156.35
5505 -96.97 5506 118.44 5507 12.597 5508 -17.467 5509 -131.2 5510 80.625 5511 -184.71
5512 -229.76 5513 131.68 5514 62.743 5515 150.45 5516 103. 5517 -102.87 5518 -82.35 5519
-456.59 5520 -162.75 5521 -134.18 5522 -269.65 5523 -150.08 5524 -298.22 5525 -262.41
5526 -224.39 5527 -338.11 5528 -278.76 5529 -250.19 5530 -678.08 5531 -310.46 5532
-454.11 5533 -811.22 5534 -643.84 5535 -651.1 5536 -168.72 5537 -150.4 5538 -615.63 5539
-619.58 5540 -572.3 5541 -519.51 5542 -733.56 5543 -733.34 5544 -364.19 5545 -446.6 5546
-493.5 5547 -434.47 5548 -281.31 5549 -244.6 5550 -673.12 5551 -286.49 5552 -427.38 5553
-425.24 5554 -160.99 5555 -124.28 5556 -272.98 5557 -154.66 5558 -237.33 5559 -235.7 5560
-269.26 5561 -304.91 5562 9.524 5563 13.931 5564 0.35433 5565 8.8647 5566 -11.134 5567
-16.056 5568 -236.34 5569 90.529 5570 206.4 5571 27.944 5572 826.21 5573 458.82 5574
383.56 5575 746.2 5576 720.49 5577 435.08 5578 480.11 5579 545.93 5580 574.38 5581
17.164 5582 -18.232 5583 11.478 5584 -8.3241 5585 25.342 5586 4.4023 5587 86.64 5588
53.367 5589 54.694 5590 46.627 5591 18.912 5592 32.776 5593 121.66 5594 28.327 5595
87.287 5596 56.925 5597 60.801 5598 54.658 5599 59.802 5600 168.35 5601 -372.08 5602
751.62 5603 394.06 5604 446. 5605 301.36 5606 453.77 5607 721.39 5608 834.24 5609
786.26 5610 644.93 5611 611.6 5612 453.73 5613 445.78 5614 546.62 5615 789.53 5616
846.13 5617 851.02 5618 701.88 5619 492.71 5620 475.67 5621 637.06 5622 139.87 5623
55.404 5624 78.509 5625 167.17 5626 59.036 5627 31.013 5628 149.29 5629 159.34 5630
99.534 5631 109.2 5632 81.064 5633 96.078 5634 75.874 5635 56.401 5636 -13.483 5637
-69.486 5638 74.511 5639 96.899 5640 84.806 5641 78.43 5642 76.242 5643 -22.595 5644
-3.6275 5645 6.0356 5646 -148.72 5647 -43.285 5648 -17.855 5649 -24.786 5650 -28.065
5651 -19.035 5652 -15.831 5653 62.185 5654 1.1723 5655 -6.0364 5656 27.9 5657 15.244
5658 40.159 5659 29.828 5660 27.477 5661 32.843 5662 33.353 5663 38.453 5664 37.272
5665 35.084 5666 8.2828 5667 18.552 5668 -28.835 5669 1.1354e-002 5670 11.236 5671
-0.85389 5672 12.456 5673 11.746 5674 6.9316 5675 10.848 5676 3.3891 5677 -29.18 5678
12.768 5679 3.5977 5680 3.475 5681 5.5662 5682 -1.1986 5683 -42.309 5684 19.328 5685
-1.8826 5686 -50.206 5687 -12.814 5688 -6.1227 5689 -46.753 5690 -255.02 5691 -4.0822

5692 -187.46 5693 -520.94 5694 -469.89 5695 -295.77 5696 -426.46 5697 -324.25 5698
-303.67 5699 -534.34 5700 -843.36 5701 -490.91 5702 -526.78 5703 -606.4 5704 -891.72 5705
-724.76 5706 -552.26 5707 -575.13 5708 -465.64 5709 -505.61 5710 -548.68 5711 -667.04
5712 -670.45 5713 -370.65 5714 -494.54 5715 -476.53 5716 -513. 5717 -0.83962 5718 -9.8276
5719 13.864 5720 32.955 5721 -122.4 5722 100.37 5723 83.4 5724 9.9099 5725 39.339 5726
-99.732 5727 40.557 5728 16.302 5729 -57.694 5730 49.199 5731 15.083 5732 -77.781 5733
11.368 5734 -27.995 5735 95.838 5736 75.875 5737 112.29 5738 121.74 5739 156.63 5740
119.12 5741 107.99 5742 48.519 5743 54.805 5744 20.069 5745 28.557 5746 109.32 5747
78.954 5748 95.971 5749 -66.335 5750 -2.6199 5751 -17.054 5752 -58.844 5753 -37.356 5754
58.678 5755 25.405 5756 30.309 5757 -5.7203 5758 15.848 5759 35.549 5760 -10.642 5761
-120.42 5762 -230.93 5763 211.81 5764 161.52 5765 89.244 5766 115.1 5767 -124.31 5768
33.358 5769 135.71 5770 0.35019 5771 -8.875 5772 1.1878 5773 -0.21917 5774 -54.269 5775
-6.2864e-002 5776 1.8641e-002 5777 -0.29317 5778 1.5585e-003 5779 8.9933e-003 5780
-0.25225 5781 -11.282 5782 2.975 5783 1.8762 5784 1.9999 5785 0.28855 5786 -23.715 5787
-26.291 5788 -6.235 5789 1.2942 5790 0.83191 5791 -0.29347 5792 -0.19676 5793 -8.2929
5794 -5.4983 5795 -12.226 5796 0.61488 5797 -0.17547 5798 1.9216e-002 5799 -0.41379
5800 -4.6837 5801 -5.7153 5802 0.20119 5803 0.2687 5804 0.1055 5805 0.39587 5806
-1.3965 5807 -6.1868 5808 5.2944e-002 5809 0.15217 5810 0.13129 5811 0.17016 5812
0.27337 5813 0.13206 5814 3.4909e-002 5815 4.371e-002 5816 -1.467 5817 -1.1642 5818
0.28248 5819 0.1562 5820 0.1562 5821 0.1562 5822 0.19507 5823 -0.79587 5824 1.7461
5825 2.3213 5826 -1.1393 5827 28.618 5828 1.2808e-010 5829 6.2727e-011 5830 -0.66027
5831 -0.53365 5832 2.552e-010 5833 1.5899 5834 2.1651 5835 0.52158 5836 -5.3452e-002
5837 -0.67526 5838 -7.1024e-002 5839 -2.7263e-002 5840 -0.54864 5841 0.28506 5842
1.4467 5843 0.24816 5844 -64.118 5845 -14.061 5846 -0.48711 5847 3.4307 5848 98.518 5849
1.8012 5850 4.5972 5851 -67.541 5852 -5.2674 5853 29.155 5854 30.475 5855 27.958 5856
-70.128 5857 67.275 5858 30.208 5859 31.842 5860 30.08 5861 30.783 5862 2.3931 5863
-0.12371 5864 -42.177 5865 -15.502 5866 0.8366 5867 1.9982 5868 1.426 5869 25.251 5870
0.98218 5871 -0.25612 5872 1.7942 5873 -0.30233 5874 -23.898 5875 12.155 5876 32.098
5877 5.4513 5878 4.8257 5879 14.77 5880 3.2941 5881 6.7556 5882 4.3757 5883 -39.067
5884 -68.951 5885 62.866 5886 4.5573 5887 3.9501 5888 -5.222 5889 2.6727 5890 -51.039
5891 -65.51 5892 -159.08 5893 -12.021 5894 -14.827 5895 -17.938 5896 -16.753 5897 -42.203
5898 -150.05 5899 -10.382 5900 -15.155 5901 -16.069 5902 -7.3671 5903 -2.9494 5904
-5.9318 5905 -1.2684 5906 28.372 5907 -4.3374 5908 -2.3402 5909 63.06 5910 9.5303 5911
35.855 5912 -3.0685 5913 -7.4001 5914 -4.5364 5915 -2.7367 5916 -4.4482 5917 -4.2995
5918 16.39 5919 -1.9733 5920 34.387 5921 -11.162 5922 -60.916 5923 -15.629 5924 -147.63
5925 -17.253 5926 -16.907 5927 -121.1 5928 -5.4333 5929 10.826 5930 -142.56 5931 -272.63
5932 -109.42 5933 -168.01 5934 -275.86 5935 -136.19 5936 -129.12 5937 -142.33 5938
-140.97 5939 -130.59 5940 -293.93 5941 -20.457 5942 2.8779 5943 3.0302 5944 6.0081 5945
-21.268 5946 1.4674 5947 22.157 5948 40.154 5949 1.4786e-010 5950 1.681 5951 1.6315e-
010 5952 3.0346e-010 5953 4.6589 5954 0.6092 5955 12.48 5956 -12.038 5957 -2.5055 5958
0.1819 5959 0.39044 5960 -2.5055 5961 -2.3743 5962 -1.8963 5963 7.203 5964 9.9742 5965
17.184 5966 -1.6638 5967 -2.3041 5968 -14.115 5969 -1.4552 5970 -2.9755 5971 -3.7769 5972
-28.435 5973 -24.1 5974 -23.12 5975 137.59 5976 65.86 5977 102.39 5978 19.669 5979
97.735 5980 77.162 5981 -46.524 5982 -94.002 5983 -2.1659 5984 -107.31 5985 49.358 5986
-23.404 5987 232.75 5988 143.06 5989 146.67 5990 11.562 5991 168.1 5992 154.83 5993
-20.519 5994 37.226 5995 -144.61 5996 -122.09 5997 39.871 5998 -3.7487 5999 -40.019 6000
-76.523 6001 64.081 6002 81.697 6003 185.73 6004 49.198 6005 38.237 6006 -131.62 6007
-132.98 6008 -567.97 6009 -77.209 6010 -227.2 6011 -200.36 6012 -9.3501 6013 241.84 6014
157.67 6015 130.56 6016 -14.246 6017 151.87 6018 155.4 6019 47.659 6020 135.74 6021
-86.406 6022 -103.22 6023 -10.15 6024 146.72 6025 100.89 6026 75.179 6027 16.587 6028
86.481 6029 103.47 6030 22.989 6031 -48.904 6032 -83.208 6033 -133.48 6034 -59.778 6035
6.4309 6036 -77.874 6037 -57.588 6038 -210.54 6039 -177.67 6040 -88.651 6041 -22.442
6042 -167.25 6043 -99.193 6044 -212.82 6045 -239.41 6046 -256.23 6047 -109.73 6048
-120.27 6049 -120.24 6050 -49.726 6051 -32.11 6052 -204.02 6053 -184.83 6054 -304.37 6055
-292.05 6056 -681.78 6057 -341.01 6058 -314.16 6059 -162.75 6060 -126.51 6061 -37.238
6062 -168.74 6063 -109.04 6064 -224.85 6065 -200.82 6066 -211.13 6067 -246.95 6068
-324.91 6069 -85.555 6070 3.7137 6071 -79.012 6072 -72.912 6073 -145.2 6074 -110.66 6075

-192.68 6076 -205.99 6077 -106.23 6078 -112.99 6079 -193.89 6080 -195.19 6081 -246.94
6082 -448.2 6083 -468.05 6084 -369.67 6085 -569.98 6086 -393.05 6087 -376.06 6088 -412.52
6089 -376.43 6090 -511.11 6091 -609.62 6092 -437.12 6093 -350.5 6094 -419.12 6095 -354.52
6096 -262.52 6097 -336.62 6098 -330.49 6099 -292.35 6100 -432.58 6101 -280.25 6102
-329.47 6103 -358.5 6104 -370.35 6105 -347.06 6106 -438.97 6107 -311.54 6108 -366.43 6109
-190.15 6110 -357.59 6111 -352.01 6112 -338.1 6113 -231.1 6114 -230.29 6115 -290.44 6116
-248.68 6117 -340.59 6118 -326.64 6119 -250.88 6120 -275.99 6121 -340.97 6122 -155.66
6123 -141.24 6124 -291.35 6125 -308.56 6126 -149.48 6127 -260.96 6128 -131.78 6129
-150.09 6130 -149.97 6131 -153.67 6132 -236.66 6133 -232.5 6134 -129.36 6135 -32.61 6136
-38.239 6137 -25.081 6138 -39.684 6139 -45.302 6140 -47.097 6141 -26.669 6142 -46.973
6143 -50.673 6144 -38.602 6145 -47.688 6146 -34.684 6147 -49.215 6148 -111.62 6149
-80.078 6150 -18.183 6151 -5.0253 6152 -9.5552 6153 -10.654 6154 -32.052 6155 -36.246
6156 -115.07 6157 -425.07 6158 -341.25 6159 -293.64 6160 -354.11 6161 -367.91 6162
-358.79 6163 -269.35 6164 -265.18 6165 -481.14 6166 -374.88 6167 -368.75 6168 -388.49
6169 -377.8 6170 -445.14 6171 -402.28 6172 -379.38 6173 -421.85 6174 -330.6 6175 -457.94
6176 -384.23 6177 -380.73 6178 -370.32 6179 -527.76 6180 -448.07 6181 -358.86 6182
-382.32 6183 -423. 6184 -373.19 6185 -9.5918 6186 -56.984 6187 -261.72 6188 48.022 6189
-190.93 6190 -27.035 6191 -4.8061 6192 -194.19 6193 5.3666 6194 -59.425 6195 -587.05
6196 -507.36 6197 -348.45 6198 -418.15 6199 -441.61 6200 -482.29 6201 -533.5 6202 -490.64
6203 -352.8 6204 -510.21 6205 -468.95 6206 -459.83 6207 -331.11 6208 -369.17 6209 -370.39
6210 -366.22 6211 3.2819 6212 130.29 6213 -37.194 6214 8.0927 6215 -25.478 6216 21.444
6217 -97.38 6218 18.288 6219 34.548 6220 11.772 6221 24.431 6222 7.7832 6223 -84.576
6224 -2.5482 6225 1.7866 6226 -6.6362 6227 -9.5322 6228 0.51516 6229 -23.284 6230 25.513
6231 0.17634 6232 2.9476 6233 1.3365e-010 6234 4.6589 6235 35.046 6236 12.48 6237
178.95 6238 -17.147 6239 -44.423 6240 36.34 6241 -0.99795 6242 16.999 6243 8.2306 6244
-170.74 6245 158.54 6246 0.47176 6247 27.923 6248 -19.83 6249 -121.09 6250 101.68 6251
84.712 6252 -142.98 6253 174.62 6254 233.74 6255 36.166 6256 148.89 6257 165.88 6258
100.83 6259 85.399 6260 -77.539 6261 299.18 6262 403.11 6263 -97.816 6264 250.06 6265
253.58 6266 145.84 6267 233.92 6268 44.404 6269 8.133 6270 -28.37 6271 277.11 6272
233.88 6273 97.351 6274 86.389 6275 -42.936 6276 344.16 6277 283.67 6278 -141.19 6279
243.95 6280 230.68 6281 55.329 6282 113.07 6283 -97.426 6284 229.18 6285 164.86 6286
14.209 6287 159.76 6288 139.19 6289 59.861 6290 111.39 6291 199.18 6292 -78.986 6293
-57.498 6294 38.744 6295 5.2634 6296 10.167 6297 59.407 6298 67.895 6299 117.21 6300
160.75 6301 118.29 6302 135.31 6303 141.9 6304 -76.05 6305 -39.631 6306 -50.793 6307
-26.73 6308 -30.183 6309 -65.106 6310 -32.805 6311 30.647 6312 6.3922 6313 -89.831 6314
-87.691 6315 456.64 6316 479.84 6317 142.51 6318 382.14 6319 199.74 6320 -21.48 6321
247.5 6322 -253.43 6323 -113.08 6324 59.55 6325 19.672 6326 -35.487 6327 -71.99 6328
-127.08 6329 -128.45 6330 -563.44 6331 -40.422 6332 240.5 6333 221.83 6334 -263.53 6335
-96.885 6336 87.545 6337 17.173 6338 -41.109 6339 56.551 6340 296.18 6341 -82.483 6342
230.49 6343 190.62 6344 197.22 6345 17.46 6346 -163.36 6347 -30.606 6348 117.49 6349
-201.23 6350 -145.45 6351 79.75 6352 319.38 6353 -86.944 6354 264.13 6355 193.75 6356
402.94 6357 387.77 6358 387.49 6359 256.32 6360 247.17 6361 337.08 6362 329.11 6363
307.2 6364 331.45 6365 121.01 6366 -46.472 6367 -106.66 6368 9.0101 6369 -298.01 6370
-399.95 6371 -184.48 6372 -239.37 6373 -322.93 6374 -358.2 6375 -293.17 6376 -422.42 6377
-258.27 6378 -145. 6379 109.26 6380 4.3858 6381 -38.215 6382 23.842 6383 232.57 6384
92.251 6385 136.02 6386 152.28 6387 -41.661 6388 -42.94 6389 -28.31 6390 -147.13 6391
-141.46 6392 -213.82 6393 -184.06 6394 112.8 6395 217.4 6396 166.98 6397 132.26 6398
159.01 6399 478.84 6400 477.39 6401 567.97 6402 289.9 6403 299.02 6404 407.63 6405
403.56 6406 491.41 6407 420.34 6408 150.13 6409 -161.79 6410 4.9967 6411 -62.645 6412
32.347 6413 -385.05 6414 -403.86 6415 -161.27 6416 -205.2 6417 -311.92 6418 -285.9 6419
-354.21 6420 -418.45 6421 -262.76 6422 -266.27 6423 -176.1 6424 153.18 6425 -126.45 6426
96.316 6427 161.26 6428 395.52 6429 235.18 6430 188.61 6431 318.96 6432 247.89 6433
-150.66 6434 -244.32 6435 -218.3 6436 -156.41 6437 -305.42 6438 394.06 6439 125.11 6440
246.62 6441 229.66 6442 601.62 6443 643.28 6444 561.95 6445 508.4 6446 435.91 6447
487.94 6448 466.87 6449 469.1 6450 361.84 6451 205.42 6452 258.9 6453 216.87 6454 235.8
6455 266.77 6456 221.57 6457 239.56 6458 4.6161 6459 62.108 6460 -64.438 6461 -1.3204
6462 20.072 6463 -34.676 6464 27.382 6465 -20.496 6466 -21.303 6467 12.964 6468 54.14

6469 19.456 6470 -118.38 6471 -315.95 6472 -515.37 6473 -353.21 6474 -266.72 6475 -271.72
6476 -122.05 6477 -17.954 6478 -396.62 6479 -424.28 6480 -251.79 6481 -154.33 6482 -122.9
6483 -123.94 6484 -123.52 6485 -143.58 6486 -221.89 6487 -67.857 6488 -492.72 6489
-282.83 6490 -209.24 6491 -320.23 6492 -281.54 6493 -296.2 6494 -185.65 6495 -77.535 6496
90.046 6497 0.26521 6498 -51.515 6499 43.477 6500 102.76 6501 54.09 6502 58.272 6503
228.16 6504 324.4 6505 308.26 6506 349.95 6507 329.5 6508 290.92 6509 295.82 6510
310.65 6511 12.676 6512 -1.5591 6513 4.1681 6514 9.04 6515 2.0917 6516 -0.68065 6517
49.889 6518 -12.702 6519 1.0619 6520 -0.24365 6521 0.39266 6522 -0.57014 6523 4.2233
6524 -0.70573 6525 -2.5493 6526 0.56829 6527 6.0492 6528 3.2595 6529 1.4705 6530 20.389
6531 34.282 6532 -39.366 6533 -42.727 6534 -6.1315 6535 0.16685 6536 2.858 6537 2.8719
6538 -1.7633 6539 41.996 6540 32.288 6541 -59.177 6542 -17.112 6543 14.729 6544 0.9074
6545 -3.0676 6546 2.9788 6547 7.7499 6548 36.258 6549 40.868 6550 -86.746 6551 -107.05
6552 -24.812 6553 1.8971 6554 8.4787 6555 3.5607 6556 0.97433 6557 51.302 6558 39.865
6559 -56.075 6560 -43.235 6561 2.0506 6562 3.7143 6563 1.8974 6564 3.4538 6565 33.104
6566 22.457 6567 -48.911 6568 -51.331 6569 -1.813e-002 6570 1.4252e-002 6571 8.0709e-
003 6572 2.4957e-002 6573 -0.25664 6574 -3.3333e-002 6575 -5.075e-002 6576 -0.57212
6577 0.24358 6578 1.4232 6579 0.22467 6580 -0.53365 6581 2.7344e-010 6582 0.44898 6583
2.1651 6584 0.12627 6585 0.16514 6586 -0.61062 6587 0.12704 6588 0.57525 6589 2.2913
6590 -1.1692 6591 -3.9483e-002 6592 6.373e-002 6593 -7.7585e-002 6594 -0.13328 6595
-1.6767 6596 0.15511 6597 -8.5509 6598 0.54642 6599 0.42524 6600 -39.502 6601 0.23444
6602 0.73581 6603 0.73389 6604 0.16374 6605 -5.2424 6606 -1.3797 6607 -0.10336 6608
0.71798 6609 1.1615 6610 0.71606 6611 -9.1597 6612 2.5643 6613 1.9786 6614 2.4132 6615
-28.614 6616 -16.718 6617 -4.0297 6618 -4.1524 6619 -1.3095 6620 -9.51 6621 -20.441 6622
0.39657 6623 -3.4118 6624 -4.277 6625 2.6036 6626 1.9547 6627 3.5084 6628 7.4249 6629
-5.4013 6630 2.8077 6631 5.8235 6632 -3.4771e-002 6633 0.561 6634 11.434 6635 5.5162
6636 0.36118 6637 -1.9433 6638 -1.3588 6639 -5.1933 6640 -1.9894 6641 15.014 6642 7.8056
6643 1.1907 6644 2.6315 6645 7.1065 6646 12.145 6647 4.6537 6648 2.4664 6649 15.608
6650 9.3089 6651 1.8045 6652 -85.187 6653 42.909 6654 -55.245 6655 11.874 6656 7.8995
6657 -75.779 6658 -96.081 6659 -8.8056e-003 6660 7.5943 6661 6.0376 6662 1.4024 6663
-103.99 6664 20.701 6665 -21.753 6666 -14.984 6667 8.3432 6668 13.382 6669 -0.42177 6670
-57.471 6671 4.8953 6672 -89.6 6673 -3.8508 6674 -113.88 6675 -31.642 6676 9.784 6677
14.823 6678 -0.88292 6679 18.415 6680 -17.27 6681 6.1185 6682 0.55454 6683 0.14922 6684
0.95429 6685 8.0715e-002 6686 9.2466e-002 6687 0.37504 6688 -3.1664e-002 6689 -1.7511
6690 2.2287 6691 2.865 6692 2.6284 6693 -84.207 6694 3.3283 6695 -7.6953e-002 6696
-7.2757 6697 -10.571 6698 -9.2396 6699 -3.4451 6700 -7.6832 6701 -94.348 6702 -32.955
6703 -60.048 6704 -3.6164 6705 -1.3632 6706 -0.33064 6707 -26.001 6708 -1.4539 6709
-2.3572 6710 1.3228 6711 0.46102 6712 -1.3825 6713 1.2329 6714 -20.402 6715 6.0264 6716
-84.876 6717 -1.1081 6718 -1.5066 6719 -26.779 6720 -53.872 6721 -3.1347 6722 1.1451
6723 0.91752 6724 0.33827 6725 2.1753e-002 6726 -6.8436e-002 6727 8.8818 6728 7.3698
6729 85.817 6730 7.1792 6731 2.5211 6732 7.7638 6733 34.994 6734 2.0417 6735 -0.39205
6736 -4.4915 6737 -28.793 6738 19.537 6739 -6.8528 6740 -11.658 6741 -2.3109 6742 -8.0074
6743 -6.8896 6744 -35.254 6745 -175.61 6746 -49.566 6747 3.2881 6748 9.0153 6749 -160.66
6750 54.737 6751 -7.8547 6752 -3.0022 6753 80.466 6754 2.413 6755 21.026 6756 29.643
6757 -5.4359 6758 -1.3732 6759 -29.738 6760 -42.21 6761 -19.544 6762 -44.049 6763 -7.2966
6764 -174.9 6765 -22.09 6766 -48.855 6767 78.954 6768 -4.3417 6769 46.228 6770 0.4842
6771 8.0015 6772 6.5736 6773 0.92805 6774 0.59977 6775 3.7031 6776 6.0997 6777
-0.52852 6778 0.28719 6779 1.2362 6780 0.45412 6781 3.2292 6782 1.4668 6783 0.26828
6784 1.3709 6785 1.7792 6786 -13.629 6787 1.0544 6788 0.96417 6789 0.15107 6790 0.2381
6791 -2.2359e-002 6792 -2.3483 6793 -128.64 6794 -46.558 6795 -54.807 6796 19.298 6797
5.494 6798 3.592 6799 -120.8 6800 -42.75 6801 -1.9889 6802 -51.556 6803 -12.795 6804
10.593 6805 -0.52338 6806 -5.1447 6807 -2.3123 6808 -95.942 6809 -46.51 6810 -62.558 6811
-5.4727 6812 -4.1202 6813 16.283 6814 -33.837 6815 14.493 6816 45.51 6817 23.11 6818
-23.643 6819 14.779 6820 13.617 6821 9.8899 6822 8.1699 6823 28.573 6824 7.6431 6825
35.804 6826 24.543 6827 23.711 6828 45.466 6829 18.516 6830 17.334 6831 643.45 6832
749.04 6833 905.12 6834 505.48 6835 730.56 6836 759.01 6837 119.04 6838 134.45 6839
198.45 6840 94.961 6841 69.893 6842 105.95 6843 216.87 6844 151.87 6845 150.64 6846
253.39 6847 92.211 6848 220.05 6849 149.2 6850 181.5 6851 170.4 6852 186.39 6853 197.03

6854 206.5 6855 191.53 6856 132.45 6857 80.691 6858 233.93 6859 159.92 6860 21.027 6861
32.931 6862 129.34 6863 138.85 6864 99.214 6865 115.2 6866 83.965 6867 125.84 6868
135.31 6869 67.451 6870 56.623 6871 90.927 6872 94.651 6873 19.691 6874 69.314 6875
125.61 6876 72.085 6877 85.975 6878 70.725 6879 -82.237 6880 30.342 6881 -220.03 6882
-2.8617 6883 -135.72 6884 -132.07 6885 -73.443 6886 59.209 6887 49.43 6888 69.153 6889
18.845 6890 3.6131 6891 -10.859 6892 38.117 6893 26.641 6894 -38.705 6895 -15.721 6896
-45.605 6897 -433.73 6898 -443.47 6899 254.73 6900 -750.02 6901 -300.71 6902 -148.3 6903
105.24 6904 86.533 6905 93.121 6906 3.7639 6907 85.986 6908 21.012 6909 72.511 6910
99.512 6911 98.957 6912 160.66 6913 108.02 6914 102.05 6915 96.858 6916 97.393 6917
95.462 6918 93.489 6919 43.215 6920 20.046 6921 25.473 6922 18.642 6923 19.499 6924
-47.049 6925 75.871 6926 -45.474 6927 22.602 6928 33.026 6929 17.454 6930 35.567 6931
30.906 6932 17.093 6933 24.504 6934 25.693 6935 -74.909 6936 23.1 6937 24.286 6938
-42.59 6939 27.061 6940 21.912 6941 26.002 6942 -19.606 6943 35.365 6944 781.98 6945
637.73 6946 640.65 6947 297.84 6948 572.91 6949 632.38 6950 599.05 6951 302.6 6952
433.23 6953 534.06 6954 -881.75 6955 241.95 6956 347.12 6957 -657.63 6958 -208.32 6959
-55.901 6960 -18.606 6961 -14.688 6962 80.399 6963 47.195 6964 -82.014 6965 -23.386 6966
2.5241 6967 7.924 6968 6.7621 6969 3.8916 6970 16.856 6971 7.9511 6972 -96.89 6973
-14.182 6974 3.0876 6975 5.0805 6976 3.3182 6977 2.746 6978 30.826 6979 28.845 6980
59.59 6981 27.654 6982 63.904 6983 28.976 6984 19.148 6985 54.116 6986 43.281 6987
48.823 6988 -34.328 6989 27.752 6990 -16.624 6991 -120.39 6992 -160.27 6993 50.426 6994
2.2811 6995 -0.91392 6996 7.8538 6997 -35.16 6998 -20.085 6999 -60.875 7000 -16.151 7001
-41.878 7002 -13.005 7003 -1.5047 7004 -98.251 7005 -116.1 7006 -151.75 7007 26.257 7008
52.073 7009 26.091 7010 35.933 7011 -6.7181 7012 54.572 7013 -25.219 7014 69.442 7015
70.311 7016 13.351 7017 -74.845 7018 -32.984 7019 28.307 7020 35.538 7021 23.445 7022
45.2 7023 74.698 7024 71.503 7025 80.271 7026 -3.9599 7027 -437.22 7028 -409.01 7029
-41.401 7030 -365.68 7031 46.16 7032 -48.119 7033 -148.01 7034 -286.89 7035 -1007.3 7036
-1014.6 7037 -935.8 7038 -883.02 7039 -1097.1 7040 -432.42 7041 4.9003 7042 -400.9 7043
-14.271 7044 -300.84 7045 61.053 7046 -10.337 7047 -227.93 7048 32.127 7049 -10.888 7050
76.674 7051 -17.605 7052 -811.76 7053 -768.43 7054 -689.64 7055 -822.96 7056 -722.9 7057
-649.99 7058 28.932 7059 0.99248 7060 76.316 7061 4.9268 7062 92.128 7063 54.3 7064
56.716 7065 -4.3105 7066 22.364 7067 41.196 7068 43.533 7069 69.947 7070 -249.12 7071
-189.82 7072 32.628 7073 -336.4 7074 -85.899 7075 -170.41 7076 -50.84 7077 -277.09 7078
-95.596 7079 -211.19 7080 -149.07 7081 -27.715 7082 3.03 7083 -37.412 7084 -2.4434 7085
72.039 7086 11.012 7087 70.132 7088 56.518 7089 -364.7 7090 -471.39 7091 5.3634 7092
-39.393 7093 -92.868 7094 34.21 7095 -0.14188 7096 26.32 7097 21.027 7098 155.61 7099
428.23 7100 395.67 7101 232.97 7102 96.816 7103 173.84 7104 264.88 7105 11.286 7106
-14.695 7107 -66.006 7108 28.655 7109 -76.904 7110 -400.75 7111 -185.38 7112 -67.063 7113
-128.22 7114 -283.94 7115 -342.03 7116 -336.54 7117 285.91 7118 -219.73 7119 223.35 7120
-92.844 7121 277.17 7122 -21.689 7123 54.471 7124 55.34 7125 -5.0192 7126 -66.172 7127
-447.18 7128 -545.74 7129 -418.86 7130 549.79 7131 387.09 7132 519.79 7133 419. 7134
23.842 7135 22.604 7136 127.52 7137 24.03 7138 -1.0383 7139 35.014 7140 200.8 7141
563.44 7142 537.73 7143 138.09 7144 391.62 7145 4.8632 7146 14.458 7147 168.93 7148
115.38 7149 73.855 7150 50.204 7151 158.1 7152 28.339 7153 -3.0129 7154 13.128 7155
63.027 7156 -0.53794 7157 35.822 7158 0.23061 7159 0.83013 7160 0.26636 7161 0.62309
7162 -4.6293 7163 16.764 7164 -40.364 7165 0.17295 7166 1.7526 7167 2.902 7168 -24.612
7169 9.6552 7170 -12.755 7171 -25.487 7172 -113.14 7173 -165.71 7174 -132.84 7175 6.7259
7176 10.131 7177 14.613 7178 14.446 7179 -261.08 7180 -11.272 7181 -0.44892 7182 -116.26
7183 -18.793 7184 -14.945 7185 12.631 7186 -10.696 7187 6.6258 7188 -31.846 7189 -36.667
7190 -147.65 7191 -108.96 7192 -123.62 7193 -169.75 7194 -0.70634 7195 3.6121 7196 -6.66
7197 -8.4447 7198 3.1044 7199 -4.2309 7200 -4.8171 7201 -46.195 7202 12.948 7203 115.98
7204 6.1496 7205 72.453 7206 114.15 7207 55.114 7208 56.441 7209 48.971 7210 3.3727
7211 7.8547 7212 7.687 7213 13.515 7214 7.8071 7215 17.829 7216 -75.948 7217 -7.8883
7218 -176.3 7219 54.533 7220 -11.561 7221 -104.15 7222 5.894 7223 5.9153 7224 -178.21
7225 -165.89 7226 6.3162 7227 16.485 7228 -58.273 7229 1.4225 7230 -165.48 7231 48.787
7232 -32.033 7233 11.092 7234 -14.625 7235 -18.298 7236 -88.393 7237 -188.75 7238 -69.184
7239 -176.4 7240 15.574 7241 0.67985 7242 48.045 7243 -32.776 7244 7.7546 7245 2.2686
7246 7.3607e-002 7247 3.0803 7248 0.34222 7249 0.43033 7250 2.7092 7251 1.0263 7252

6.4212 7253 3.3097 7254 -128.81 7255 10.866 7256 -2.5286 7257 -1.0483 7258 -26.793 7259
-6.5077 7260 -134.64 7261 -42.243 7262 -0.24644 7263 -0.8102 7264 -41.441 7265 -0.90362
7266 4.4272 7267 1.6891 7268 8.0602 7269 2.3732 7270 -26.872 7271 -134.72 7272 -5.1063
7273 -40.841 7274 2.2322 7275 -0.41773 7276 -0.86787 7277 1.8612 7278 9.0072 7279
15.772 7280 128.01 7281 -4.227 7282 8.4994 7283 71.278 7284 34.851 7285 -4.2286 7286
-14.501 7287 114.78 7288 -12.658 7289 19.745 7290 5.107 7291 -42.372 7292 -33.846 7293
-50.256 7294 -44.157 7295 -40.529 7296 -270.54 7297 -81.907 7298 10.175 7299 18.685 7300
-226.52 7301 100.35 7302 119.1 7303 -0.41793 7304 62.361 7305 9.4254 7306 -22.239 7307
-18.612 7308 -59.99 7309 -19.812 7310 -240.1 7311 125.86 7312 -6.3796 7313 95.283 7314
32.698 7315 -4.4989 7316 -102.6 7317 -12.179 7318 -4.3619 7319 -28.946 7320 -28.14 7321
-43.914 7322 -33.075 7323 -24.686 7324 -32.277 7325 -30.276 7326 -87.042 7327 -86.233
7328 -104.63 7329 -90.82 7330 -60.506 7331 -66.497 7332 -131.94 7333 -53.47 7334 -25.829
7335 -16.403 7336 -47.487 7337 -24.738 7338 -23.994 7339 -78.759 7340 -107.79 7341
-119.64 7342 -60.823 7343 -63.441 7344 -15.238 7345 -39.37 7346 -38.335 7347 -81.172 7348
-47.665 7349 -14.147 7350 -23.827 7351 -24.916 7352 -111.36 7353 -77.832 7354 -110.21
7355 -57.501 7356 -65.171 7357 -8.2441 7358 -26.597 7359 -24.645 7360 -56.886 7361 -7.306
7362 -14.958 7363 -12.628 7364 -16.986 7365 -70.991 7366 -33.977 7367 -37.186 7368
-48.725 7369 -24.816 7370 -30.018 7371 -45.626 7372 -6.2123 7373 -8.753 7374 -3.0725 7375
-5.0718 7376 -6.4222 7377 -31.201 7378 -13.318 7379 -16.743 7380 -14.049 7381 -16.36 7382
-10.552 7383 -3.5755 7384 -2.3722 7385 -0.34922 7386 -4.188 7387 -4.3715 7388 -13.627
7389 -10.923 7390 -11.573 7391 -5.511 7392 -13.011 7393 -12.25 7394 -7.4737 7395 -2.5409
7396 -8.0715 7397 -19.964 7398 1.4885e-002 7399 -3.0453 7400 -3.2113 7401 -3.8239 7402
-10.558 7403 -10.44 7404 -5.1469 7405 -9.0984 7406 -7.3508 7407 -14.43 7408 -6.3737 7409
-9.3879 7410 -6.1104 7411 -5.3013 7412 -4.8952 7413 -7.6026 7414 -5.4673 7415 -16.44 7416
-22.058 7417 -11.424 7418 -12.015 7419 -8.6296 7420 -15.358 7421 -13.581 7422 -4.1706
7423 -16.697 7424 -3.2357 7425 -3.386 7426 -5.5357 7427 -5.9431 7428 -22.193 7429 -28.453
7430 -19.161 7431 -1.4611 7432 -21.928 7433 -19.408 7434 -19.004 7435 -20.242 7436
-12.425 7437 -10.387 7438 -13.507 7439 -37.009 7440 -30.203 7441 -34.192 7442 -12.061
7443 -18.008 7444 -6.847 7445 -7.2544 7446 -20.472 7447 -8.3383 7448 -7.7441 7449 -23.051
7450 -7.5348 7451 -5.3995 7452 -11.947 7453 -13.513 7454 -6.171 7455 -8.9462 7456 -4.0859
7457 -4.6985 7458 -10.263 7459 -10.769 7460 -10.001 7461 -5.369 7462 -5.5525 7463 -14.192
7464 -8.6547 7465 -15.267 7466 -15.407 7467 -15.514 7468 -7.489 7469 -8.8394 7470 -19.161
7471 -16.467 7472 -18.635 7473 -16.683 7474 -4.6657 7475 -9.0241 7476 -24.719 7477
-23.685 7478 -9.1766 7479 -10.265 7480 -35.876 7481 -28.138 7482 -21.034 7483 -20.29 7484
-57.119 7485 -59.737 7486 -25.956 7487 -21.25 7488 -14.319 7489 -12.318 7490 -48.538 7491
-28.774 7492 -28.37 7493 -69.692 7494 -46.375 7495 -39.569 7496 -43.558 7497 -33.992 7498
-66.465 7499 -67.172 7500 -20.354 7501 -37.049 7502 -37.024 7503 -86.837 7504 -74.203
7505 -28.091 7506 -58.322 7507 -64.312 7508 -33.265 7509 -63.24 7510 -82.13 7511 -25.386
7512 -59.606 7513 -41.92 7514 -88.439 7515 -64.188 7516 -26.334 7517 -63.164 7518 -41.889
7519 -82.573 7520 -96.146 7521 -34.041 7522 -70.871 7523 -73.488 7524 -41.502 7525 -89.45
7526 -74.836 7527 -27.048 7528 -65.751 7529 -47.817 7530 -90.654 7531 -96.8 7532 -34.398
7533 -74.653 7534 -23.219 7535 -68.815 7536 -89.619 7537 -32.274 7538 -65.948 7539
-18.321 7540 -45.551 7541 -45.251 7542 -8.7104 7543 -35.035 7544 -67.277 7545 -64.217
7546 -27.377 7547 -40.408 7548 -56.017 7549 -27.493 7550 -60.527 7551 -65.325 7552
-21.066 7553 -33.255 7554 -22.044 7555 -54.937 7556 -15.477 7557 -63.355 7558 -25.798
7559 -22.291 7560 -54.489 7561 -63.495 7562 -55.596 7563 -25.938 7564 -23.244 7565 -19.59
7566 -37.93 7567 -14.373 7568 -55.703 7569 -23.351 7570 -19.854 7571 -22.252 7572 -16.013
7573 -34.761 7574 -35.121 7575 -11.565 7576 -20.204 7577 -19.443 7578 -7.5584 7579 -33.25
7580 -33.993 7581 -10.613 7582 -19.436 7583 -13.899 7584 -4.3992 7585 -23.387 7586
-25.564 7587 -2.9267 7588 -11.702 7589 -23.594 7590 -27.914 7591 -7.454 7592 -13.018 7593
-12.555 7594 -34.99 7595 -26.369 7596 -9.6166 7597 -13.756 7598 -15.793 7599 -10.04 7600
-25.347 7601 -33.068 7602 -7.6952 7603 -14.243 7604 -4.6335 7605 -27.965 7606 -24.753
7607 -9.2362 7608 -15.214 7609 -9.2312 7610 -26.409 7611 -23.153 7612 -4.4242 7613
-24.587 7614 -45.569 7615 -35.819 7616 -13.834 7617 -27.052 7618 -27.99 7619 -48.916 7620
-51.515 7621 -19.373 7622 -42.29 7623 -32.998 7624 -66.768 7625 -46.372 7626 -16.829 7627
-39.747 7628 -40.634 7629 -113.76 7630 -95.8 7631 -87.901 7632 -58.243 7633 -55.549 7634
-53.736 7635 -46.967 7636 -92.768 7637 -48.51 7638 -96.388 7639 -134.68 7640 -60.698 7641

-58.831 7642 -47.554 7643 -94.507 7644 -95.938 7645 -139.48 7646 -65.496 7647 -70.698
7648 -91.147 7649 -54.607 7650 -92.878 7651 -95.549 7652 -67.638 7653 -83.246 7654
-111.65 7655 -54.307 7656 -105.79 7657 -95.249 7658 -87.98 7659 -82.947 7660 -138.6 7661
-126.59 7662 -108.78 7663 -116.45 7664 -65.049 7665 -130.13 7666 -82.346 7667 -132.74
7668 -133.23 7669 -122.6 7670 -121.05 7671 -71.195 7672 -129.09 7673 -118.62 7674 -106.43
7675 -118.41 7676 -132.19 7677 -109.59 7678 -117.39 7679 -120.01 7680 -53.457 7681
-113.05 7682 -56.309 7683 -85.335 7684 -98.525 7685 -93.138 7686 -90.528 7687 -119.31
7688 -127.3 7689 -117.42 7690 -56.795 7691 -103.43 7692 -109.42 7693 -107.38 7694 -60.564
7695 -114.66 7696 -90.795 7697 -84.066 7698 -51.313 7699 -77.26 7700 -87.694 7701 -115.37
7702 -92.9 7703 -84.774 7704 -52.02 7705 -77.967 7706 -81.956 7707 -69.897 7708 -72.503
7709 -60.672 7710 -61.56 7711 -62.747 7712 -75.103 7713 -73.814 7714 -63.272 7715 -47.027
7716 -53.979 7717 -49.741 7718 -31.012 7719 -64.064 7720 -52.331 7721 -41.863 7722 -44.23
7723 -43.272 7724 -27.756 7725 -53.139 7726 -49.075 7727 -38.606 7728 -33.734 7729
-47.781 7730 -49.926 7731 -28.956 7732 -30.522 7733 -46.882 7734 -30.13 7735 -57.648 7736
-54.077 7737 -34.269 7738 -36.677 7739 -1.4612 7740 -42.581 7741 -45.456 7742 -25.648
7743 -32.727 7744 -27.685 7745 -49.079 7746 -26.441 7747 87.439 7748 -49.776 7749
-48.913 7750 -31.716 7751 -37.047 7752 -32.005 7753 -51.999 7754 -28.619 7755 -68.108
7756 -51.091 7757 -33.893 7758 -12.938 7759 -37.442 7760 -31.905 7761 -53.101 7762
-68.851 7763 -71.576 7764 -38.185 7765 -37.423 7766 -71.235 7767 -71.935 7768 -35.385
7769 -37.783 7770 -280.08 7771 259.67 7772 292.35 7773 52.837 7774 75.309 7775 123.34
7776 191.53 7777 116.19 7778 161.32 7779 404. 7780 318.03 7781 237.09 7782 289.97 7783
279.58 7784 378.01 7785 228.11 7786 -186.46 7787 241.72 7788 247.23 7789 57.956 7790
44.766 7791 105.39 7792 173.58 7793 184.22 7794 65.788 7795 91.564 7796 -165.63 7797
267.03 7798 227.92 7799 55.648 7800 55.155 7801 133.89 7802 204.03 7803 148.45 7804
117.19 7805 -71.543 7806 283.68 7807 408.87 7808 124.62 7809 121.95 7810 177.18 7811
263.22 7812 171.63 7813 204.22 7814 -271.43 7815 257.14 7816 205.66 7817 52.295 7818
69.311 7819 128.95 7820 107.46 7821 121.26 7822 104.15 7823 -58.142 7824 243.43 7825
292.41 7826 102.64 7827 106.21 7828 158.83 7829 159.03 7830 -78.368 7831 313.23 7832
331.55 7833 115.79 7834 127.53 7835 210.46 7836 -676.91 7837 -625.97 7838 -248.73 7839
-216.05 7840 -316.87 7841 -564.32 7842 -514.4 7843 -137.16 7844 -131.65 7845 -283.3 7846
-205.3 7847 -194.65 7848 -524.97 7849 -513.38 7850 -130.63 7851 -169.74 7852 -282.28 7853
-193.63 7854 -249.21 7855 -545.64 7856 -434. 7857 -475.05 7858 -131.42 7859 -237.92 7860
-209.15 7861 -151.88 7862 -243.96 7863 -210.88 7864 -668.53 7865 -493. 7866 -296.92 7867
-244.03 7868 -268.15 7869 -210.88 7870 -556.88 7871 -203.83 7872 -255.31 7873 -307.91
7874 -332.03 7875 -422.41 7876 -79.788 7877 -30.808 7878 -156.5 7879 -191.31 7880 -164.39
7881 -133.58 7882 -164.19 7883 -71.858 7884 -53.537 7885 -232.36 7886 -154.36 7887
-174.63 7888 -40.705 7889 -47.466 7890 1.9665 7891 57.54 7892 -181.41 7893 -21.637 7894
21.145 7895 14.802 7896 -32.951 7897 -134.21 7898 88.557 7899 71.591 7900 2.0016 7901
2.347 7902 -29.945 7903 16.976 7904 30.08 7905 -88.097 7906 -289.6 7907 -168.99 7908
-222.04 7909 -177.06 7910 -299.6 7911 -228.8 7912 -22.093 7913 -31.318 7914 -108.25 7915
-211.48 7916 -76.712 7917 -9.0895 7918 -0.43364 7919 10.308 7920 -54.483 7921 -18.816
7922 -27.522 7923 -101.83 7924 -163.91 7925 -58.473 7926 -8.2519 7927 -32.846 7928
-63.709 7929 -8.554 7930 9.8152 7931 0.42218 7932 -39.505 7933 -32.926 7934 -8.1627 7935
-48.211 7936 -9.394e-002 7937 -1.2436e-002 7938 -0.3895 7939 -1.7298e-003 7940 -0.28332
7941 -6.1559e-002 7942 -0.37337 7943 -7.8641e-002 7944 18.591 7945 -2.8034 7946 3.3025
7947 0.53017 7948 51.1 7949 -11.491 7950 1.0298e-002 7951 1.3765e-002 7952 -0.25094
7953 -21.365 7954 3.6423e-002 7955 5.0635 7956 0.13453 7957 -1.709 7958 -122.77 7959
-114.87 7960 101.95 7961 15.98 7962 -161.06 7963 -22.463 7964 -80.703 7965 -73.933 7966
-282.87 7967 -276.74 7968 -118.35 7969 -110.53 7970 -173.13 7971 -154.46 7972 -135.11
7973 -182.03 7974 -238.6 7975 177.2 7976 268.62 7977 248.16 7978 227.09 7979 203.44
7980 229.32 7981 199.89 7982 7.3256 7983 6.2153 7984 9.3186 7985 22.283 7986 334.9 7987
207.52 7988 143.07 7989 181.37 7990 144.94 7991 128.43 7992 428.89 7993 304.32 7994
239.87 7995 420.19 7996 323.49 7997 278.17 7998 271.26 7999 241.74 8000 416.24 8001
237.06 8002 235.3 8003 417.38 8004 320.67 8005 268.44 8006 341.27 8007 417.44 8008
225.46 8009 407.54 8010 357.25 8011 282.89 8012 258.61 8013 331.44 8014 249.23 8015
456.56 8016 309.12 8017 236.5 8018 249.65 8019 368.29 8020 293.93 8021 307.04 8022
292.16 8023 380.01 8024 342.48 8025 260.27 8026 337.21 8027 277.74 8028 320.24 8029

408.09 8030 262.85 8031 74.106 8032 124.68 8033 97.961 8034 128.98 8035 129.55 8036
106.58 8037 400.89 8038 230.13 8039 203.41 8040 369.08 8041 302.44 8042 234.43 8043
235. 8044 447.9 8045 236. 8046 228.14 8047 401.67 8048 335.03 8049 267.02 8050 547.83
8051 252.21 8052 242.55 8053 267.08 8054 416.09 8055 378.13 8056 309.19 8057 396.9 8058
319.24 8059 349.45 8060 281.44 8061 269.1 8062 575.29 8063 545.28 8064 352.59 8065
463.64 8066 482.41 8067 404.75 8068 487.23 8069 294.54 8070 424.36 8071 346.7 8072
295.41 8073 386.44 8074 7.5456 8075 2.1388 8076 8.8719 8077 4.8679 8078 3.1849 8079
15.415 8080 4.4455 8081 11.179 8082 6.0252 8083 6.4059 8084 7.1745 8085 5.4916 8086
31.928 8087 16.742 8088 23.815 8089 11.588 8090 11.969 8091 12.738 8092 22.347 8093
19.491 8094 66.295 8095 34.764 8096 22.538 8097 23.967 8098 33.297 8099 30.44 8100
36.932 8101 153.42 8102 68.276 8103 58.182 8104 56.865 8105 47.385 8106 71.861 8107
56.715 8108 60.35 8109 97.378 8110 131.98 8111 120.57 8112 135.57 8113 158.74 8114
136.83 8115 124.05 8116 161.08 8117 26.601 8118 47.877 8119 52.111 8120 -13.984 8121
-9.7345 8122 7.5869 8123 38.961 8124 59.071 8125 63.305 8126 68.712 8127 1.4596 8128
18.781 8129 36.587 8130 46.583 8131 64.471 8132 64.188 8133 69.878 8134 25.952 8135
19.947 8136 37.753 8137 67.565 8138 70.644 8139 76.334 8140 47.407 8141 0.98395 8142
32.408 8143 31.37 8144 44.21 8145 151.88 8146 96.631 8147 85.17 8148 86.197 8149 61.932
8150 15.51 8151 45.896 8152 166.42 8153 155.99 8154 85.301 8155 115.69 8156 116.11 8157
96.05 8158 1.8524 8159 0.82683 8160 2.4225 8161 0.89028 8162 0.10084 8163 0.73664 8164
-0.98278 8165 3.0034 8166 0.95661 8167 2.5523 8168 1.1636 8169 1.0201 8170 0.23063
8171 5.3991 8172 3.5735 8173 13.351 8174 2.1849 8175 2.0413 8176 1.6004 8177 1.2518
8178 1.0633 8179 10.288 8180 14.726 8181 19.793 8182 3.5594 8183 5.1881 8184 2.9749
8185 6.1796 8186 2.4379 8187 25.215 8188 17.325 8189 23.308 8190 8.7027 8191 6.4895
8192 9.6942 8193 12.031 8194 28.737 8195 34.72 8196 21.106 8197 23.443 8198 37.471 8199
27.929 8200 51.638 8201 3.0499 8202 -46.517 8203 15.632 8204 62.052 8205 -24.577 8206
41.063 8207 64.772 8208 69.021 8209 16.184 8210 28.767 8211 71.404 8212 -13.13 8213
76.218 8214 88.386 8215 80.468 8216 27.631 8217 9.6117 8218 74.624 8219 -15.224 8220
86.292 8221 98.052 8222 78.374 8223 55.899 8224 7.5177 8225 58.819 8226 -9.9102 8227
106.2 8228 103.37 8229 61.213 8230 34.814 8231 9.087 8232 12.832 8233 85.084 8234
82.246 8235 13.695 8236 -12.033 8237 -0.23898 8238 0.39563 8239 -1.7117 8240 10.745
8241 62.835 8242 137.76 8243 222.09 8244 316.37 8245 -1198.1 8246 -705.2 8247 -604.1
8248 -748.74 8249 60.769 8250 -0.92616 8251 5.2278e-002 8252 -68.44 8253 -9.8123 8254
-23.535 8255 -34.294 8256 -27.326 8257 -35.249 8258 -29.941 8259 -31.225 8260 -61.685
8261 -62.113 8262 -84.561 8263 -81.131 8264 -85.475 8265 -84.34 8266 -68.641 8267 -64.618
8268 -203.24 8269 -138.08 8270 -144.59 8271 -393.28 8272 -265.31 8273 -176.01 8274
-188.03 8275 -168.02 8276 -107.24 8277 -227.96 8278 -138.66 8279 -122.52 8280 -130.67
8281 -42.08 8282 -17.409 8283 -17.317 8284 -57.365 8285 -65.512 8286 -23.829 8287 -63.877
8288 -72.024 8289 -5.4666 8290 -36.645 8291 -15.788 8292 -1.1535 8293 -7.1317 8294
-11.031 8295 -1.0046 8296 -1.2491 8297 -0.62177 8298 -0.61686 8299 -2.2359 8300 -0.89846
8301 -0.95957 8302 -0.97861 8303 -0.66892 8304 -0.34641 8305 -0.628 8306 -0.91336 8307
-0.54471 8308 -0.61864 8309 -2.2099 8310 -0.87244 8311 -0.30894 8312 -0.56275 8313
-60.517 8314 -135.81 8315 -114.41 8316 -200.28 8317 -112.75 8318 -102.97 8319 -114.01
8320 -115.07 8321 -115.26 8322 -193.06 8323 32.292 8324 -45.566 8325 52.926 8326 64.521
8327 73.485 8328 -38.321 8329 2.1171 8330 -24.955 8331 -92.464 8332 -16.572 8333 -10.771
8334 -107.47 8335 -100.25 8336 37.064 8337 73.368 8338 66.454 8339 -9.7316 8340 -17.981
8341 -131.7 8342 -336.64 8343 61.003 8344 94.121 8345 103.83 8346 -3.5511 8347 -214.51
8348 -56.001 8349 -112.68 8350 -322.27 8351 74.55 8352 103.97 8353 107.83 8354 -76.531
8355 -66.879 8356 46.759 8357 54.566 8358 33.877 8359 64.899 8360 73.015 8361 -12.11
8362 -28.158 8363 -79.393 8364 -115.05 8365 41.352 8366 25.71 8367 -88.023 8368 40.968
8369 46.101 8370 -50.739 8371 -39.173 8372 19.58 8373 11.289 8374 11.642 8375 26.546
8376 -155.96 8377 -3.1513 8378 -53.595 8379 5.1581 8380 -29.916 8381 -10.105 8382 -171.6
8383 43.798 8384 182.75 8385 144.8 8386 75.857 8387 116.11 8388 48.676 8389 -69.236
8390 -79.147 8391 -305.4 8392 -191.47 8393 -177.38 8394 -245.61 8395 -415.94 8396 -522.55
8397 -661.43 8398 -559.59 8399 -404.81 8400 -545.7 8401 -400.88 8402 -536.05 8403 -618.47
8404 -113.5 8405 -285.33 8406 -174.65 8407 -330.38 8408 -388.47 8409 -196.17 8410 -203.49
8411 -194.54 8412 -182.97 8413 -13.652 8414 68.585 8415 36.639 8416 94.447 8417 49.127
8418 12.7 8419 892.67 8420 711.89 8421 866.96 8422 581.55 8423 554.02 8424 692.41 8425

646.91 8426 825.11 8427 539.7 8428 650.55 8429 697.25 8430 485.16 8431 506.04 8432
498.1 8433 629.51 8434 836.79 8435 699.22 8436 941.97 8437 479.23 8438 473.01 8439
498.97 8440 634.4 8441 538.95 8442 930.4 8443 467.66 8444 527.38 8445 55.675 8446
173.95 8447 261.66 8448 184. 8449 223.74 8450 -16.866 8451 -12.124 8452 69.096 8453
41.915 8454 8.0832 8455 -12.524 8456 38.046 8457 -11.116 8458 70.104 8459 42.924 8460
-12.2 8461 -2.4047 8462 18.082 8463 18.592 8464 23.692 8465 13.777 8466 -41.395 8467
-28.085 8468 -20.868 8469 -42.079 8470 -29.693 8471 16.999 8472 -265.72 8473 7.3181 8474
-40.557 8475 -48.454 8476 -263.24 8477 -135.27 8478 10.085 8479 9.7972 8480 -45.975 8481
-29.842 8482 -418. 8483 -320.8 8484 -328.7 8485 -200.73 8486 -184.59 8487 -400.44 8488
-745.32 8489 -555.48 8490 -537.48 8491 -616.34 8492 -337.98 8493 -365.41 8494 -557.89
8495 -435.01 8496 -577.36 8497 -553. 8498 -246.93 8499 -439.42 8500 -377.26 8501 -430.31
8502 -432.14 8503 -434.53 8504 31.433 8505 35.822 8506 87.007 8507 -38.174 8508 -58.262
8509 -156.17 8510 59.581 8511 -179.37 8512 -183.59 8513 -78.994 8514 -69.546 8515 -70.353
8516 -104.47 8517 8.4195 8518 89.179 8519 51.664 8520 75.834 8521 6.2177 8522 65.103
8523 68.979 8524 -9.2693 8525 -29.704 8526 -20.583 8527 87.818 8528 98.847 8529 59.449
8530 83.959 8531 -6.9329 8532 -41.939 8533 66.462 8534 77.491 8535 62.603 8536 36.459
8537 35.849 8538 -119.51 8539 103.26 8540 162.43 8541 90.154 8542 101.18 8543 -123.4
8544 86.295 8545 136.62 8546 3.2561 8547 4.3977 8548 1.8492 8549 -17.796 8550 3.7263
8551 -21.989 8552 -72.601 8553 -100.82 8554 0.40393 8555 -19.241 8556 -22.783 8557
-74.046 8558 -53.646 8559 0.91621 8560 -23.088 8561 0.55063 8562 -4.7509 8563 0.19329
8564 5.9706e-002 8565 8.7687e-002 8566 6.714e-002 8567 -2.957e-002 8568 -1.5315 8569
-0.1941 8570 -6.7843e-003 8571 -0.26803 8572 2.1197e-002 8573 0.16295 8574 2.4664e-002
8575 -7.5513e-002 8576 -1.5775 8577 -0.24004 8578 -0.30116 8579 4.1174e-003 8580
-0.26059 8581 3.8867e-002 8582 -0.95207 8583 -8.7585e-002 8584 -1.2955 8585 2.0809e-010
8586 1.5899 8587 2.1651 8588 -1.1939 8589 0.80141 8590 1.5048 8591 -0.15468 8592
-6.8322e-002 8593 -5.657e-002 8594 0.244 8595 -2.7052e-002 8596 -0.8165 8597 0.2071
8598 -1.9001 8599 -9.9163e-002 8600 1.4625 8601 0.2014 8602 -0.85909 8603 -1.9427 8604
-58.752 8605 -42.413 8606 -39.921 8607 -37.584 8608 -41.824 8609 2.4773 8610 -6.0287e-
003 8611 97.564 8612 0.84786 8613 1.0756 8614 -42.368 8615 -68.494 8616 97.891 8617
1.174 8618 -68.168 8619 10.844 8620 2.8299 8621 -0.98462 8622 -69.168 8623 -72.877 8624
-1.6091 8625 -9.4866 8626 103.3 8627 0.44117 8628 -1.5919 8629 -55.303 8630 -25.251 8631
102.01 8632 -0.85345 8633 -26.546 8634 -0.14912 8635 -3.8919e-004 8636 1.3612 8637
0.44681 8638 2.3259 8639 -130. 8640 -97.16 8641 -129.65 8642 -233.84 8643 -263.6 8644
-116.86 8645 -118.18 8646 -130.07 8647 -118.33 8648 -281.66 8649 1.7178 8650 -21.088 8651
-30.229 8652 1.647 8653 22.337 8654 13.387 8655 54.05 8656 -31.569 8657 12.197 8658
0.30723 8659 12.047 8660 28.456 8661 52.71 8662 6.3399 8663 14.161 8664 40.486 8665
1.4895e-010 8666 0.6092 8667 12.48 8668 5.5833 8669 2.8185 8670 3.2617 8671 -21.396
8672 12.396 8673 1.5455 8674 -7.7163 8675 12.288 8676 3.4227 8677 -72.904 8678 -17.702
8679 9.739 8680 -75.453 8681 -55.053 8682 55.55 8683 9.9684 8684 93.137 8685 40.933
8686 67.462 8687 -8.358 8688 -103.7 8689 -11.866 8690 48.596 8691 40.323 8692 -100.42
8693 -8.9678 8694 -104.31 8695 193.99 8696 141. 8697 124.57 8698 -34.354 8699 -80.48
8700 76.192 8701 1.3347 8702 258.09 8703 110.6 8704 157.87 8705 26.998 8706 -4.8473
8707 -154.84 8708 -0.23678 8709 318.94 8710 169.41 8711 139.18 8712 -41.639 8713 91.11
8714 149.75 8715 -89.214 8716 -110.38 8717 187.91 8718 120.05 8719 138.78 8720 39.57
8721 34.568 8722 -99.497 8723 -66.627 8724 33.558 8725 7.4554 8726 50.412 8727 77.35
8728 29.289 8729 -58.036 8730 -118.46 8731 15.698 8732 17.922 8733 -103.13 8734 -3.2005
8735 -150.94 8736 -30.851 8737 -158.99 8738 -66.586 8739 -116.63 8740 -123.89 8741
-150.93 8742 -177.05 8743 -104.09 8744 -272.5 8745 -217.72 8746 -200.35 8747 -261.13 8748
-282.29 8749 -74.078 8750 -240.98 8751 -176.17 8752 -107.53 8753 -289.95 8754 -30.123
8755 -256.51 8756 -67.874 8757 -149.89 8758 -318.81 8759 -361.48 8760 -320.11 8761
-373.69 8762 -400.44 8763 -364.35 8764 -376.08 8765 -257.95 8766 -309.69 8767 -311.53
8768 -363.39 8769 -366.31 8770 -253.65 8771 -308.24 8772 -252.68 8773 -344.44 8774 -367.9
8775 -262.55 8776 -293.8 8777 -359.89 8778 -247.23 8779 -361.48 8780 -256.14 8781 -312.7
8782 -351.58 8783 -371.33 8784 -181.68 8785 -229.31 8786 -286.56 8787 -404.69 8788
-179.26 8789 -313.44 8790 -364.45 8791 -178.5 8792 -174.81 8793 -222.43 8794 -397.82 8795
-306.57 8796 -43.835 8797 -151.77 8798 -106.23 8799 -95.098 8800 -74.698 8801 -123.31
8802 -109.78 8803 -78.24 8804 -217.72 8805 -328.4 8806 -320.94 8807 -206.58 8808 -234.79

8809 -275.4 8810 -161.04 8811 -140.64 8812 -397.99 8813 -299.43 8814 -417.56 8815 -430.15
8816 -364.4 8817 -300.62 8818 -499.43 8819 -423.16 8820 -352.36 8821 -394.67 8822 -354.2
8823 -344.86 8824 -381.79 8825 -311. 8826 -312.83 8827 -580.6 8828 -322.04 8829 -270.86
8830 -418.27 8831 -509.81 8832 -552.11 8833 -194.59 8834 -433.54 8835 -316.8 8836 -338.58
8837 -431.74 8838 -474.21 8839 -273.94 8840 -313.22 8841 -431.35 8842 -386.09 8843
-302.88 8844 -271.72 8845 -299.94 8846 -179.08 8847 -295.43 8848 -264.27 8849 -243.87
8850 0.4772 8851 -115.87 8852 -84.715 8853 -29.512 8854 -95.871 8855 -64.711 8856 -44.311
8857 -10.856 8858 -21.188 8859 12.604 8860 35.046 8861 12.48 8862 39.704 8863 17.139
8864 43.464 8865 -54.375 8866 35.528 8867 -1.8093 8868 29.904 8869 -3.4904 8870 20.763
8871 85.215 8872 1.6514 8873 87.439 8874 114.38 8875 66.316 8876 32.552 8877 -88.497
8878 11.429 8879 190.48 8880 209.22 8881 110. 8882 105. 8883 -34.727 8884 316.67 8885
286.44 8886 238.37 8887 297.01 8888 -105.62 8889 232.25 8890 279.52 8891 148.65 8892
175.08 8893 116.8 8894 205.76 8895 189.33 8896 30.408 8897 140.95 8898 86.184 8899
-20.541 8900 77.911 8901 104.44 8902 28.62 8903 25.112 8904 33.979 8905 -106.76 8906
-15.311 8907 -62.374 8908 46.236 8909 43.937 8910 57.056 8911 17.659 8912 42.168 8913
130.02 8914 58.949 8915 51.289 8916 72.82 8917 30.367 8918 34.243 8919 53.978 8920
37.777 8921 31.701 8922 55.871 8923 50.132 8924 -59.184 8925 70.743 8926 35.82 8927
-57.044 8928 63.97 8929 -83.439 8930 -81.299 8931 -174.98 8932 -217.28 8933 -179.2 8934
-123.79 8935 -128.02 8936 74.256 8937 78.953 8938 108.32 8939 110.67 8940 -73.683 8941
-174.07 8942 -107.04 8943 -236.29 8944 -92.859 8945 -93.665 8946 -72.135 8947 -87.567
8948 -159.46 8949 -285.84 8950 -373.49 8951 -291.99 8952 -293.36 8953 -262.55 8954
-203.92 8955 -387.22 8956 -418.48 8957 -394.45 8958 -336.71 8959 -290.63 8960 -310.27
8961 -97.61 8962 -93.396 8963 -145.18 8964 -169.9 8965 -125.54 8966 -74.02 8967 74.185
8968 147.82 8969 161.67 8970 135.39 8971 176.68 8972 132.19 8973 2.0508 8974 3.1686
8975 16.954 8976 22.088 8977 -4.4335 8978 -39.508 8979 11.258 8980 -18.439 8981 -45.204
8982 33.19 8983 41.306 8984 -43.819 8985 -59.867 8986 -2.4396 8987 31.612 8988 35.474
8989 -25.595 8990 -18.826 8991 -17.788 8992 4.2334 8993 44.856 8994 54.561 8995 -82.758
8996 -52.816 8997 -105.27 8998 38.206 8999 31.291 9000 -44.894 9001 -53.143 9002 4.0625
9003 -0.17561 9004 9.8628 9005 18.827 9006 -52.541 9007 -79.613 9008 15.657 9009 -81.046
9010 -46.746 9011 -73.819 9012 -1.2809e-002 9013 0.26977 9014 1.6709e-002 9015 -0.13694
9016 0.25086 9017 -1.8564 9018 -1.8446 9019 -8.4672e-002 9020 2.6904 9021 0.92803 9022
1.6314 9023 0.44898 9024 2.1651 9025 3.9632e-002 9026 -1.2566 9027 0.14587 9028
8.7147e-002 9029 -1.4563 9030 -0.17995 9031 2.4471e-002 9032 -5.1141e-002 9033 -0.25712
9034 -0.31824 9035 3.6447e-002 9036 -3.9164e-002 9037 -0.30626 9038 -3.4254e-002 9039
-0.24024 9040 -0.30135 9041 1.0324 9042 -4.944 9043 -8.8434 9044 1.4759 9045 1.7703 9046
-29.257 9047 -8.3999 9048 0.84228 9049 -1.5356 9050 0.72111 9051 1.1846 9052 -55.339
9053 -39.206 9054 -17.947 9055 -47.353 9056 0.81348 9057 -39.114 9058 -1.5644 9059
-1.8526 9060 -1.1009 9061 -57.625 9062 -20.232 9063 0.40414 9064 -55.368 9065 -39.235
9066 -8.7401 9067 -1.8594 9068 -1.2236 9069 -9.4241 9070 2.9619 9071 -0.45843 9072
-6.3167 9073 5.1518 9074 -4.763 9075 2.3843 9076 2.4881 9077 13.361 9078 12.179 9079
-4.5323 9080 0.71045 9081 -3.1241 9082 50.915 9083 17.083 9084 27.94 9085 41.38 9086
-7.7823 9087 46.257 9088 23.282 9089 1.5131 9090 -14.435 9091 0.31104 9092 0.15739 9093
0.54519 9094 0.46788 9095 -0.65572 9096 -14.027 9097 -127.24 9098 -50.984 9099 -53.404
9100 -0.24736 9101 -129.56 9102 -10.754 9103 -60.321 9104 -47.481 9105 -53.417 9106
-97.872 9107 -54.041 9108 -64.488 9109 -23.461 9110 -22.424 9111 -95.04 9112 20.345 9113
-46.225 9114 -42.247 9115 -45.608 9116 -19.581 9117 -9.0121 9118 -44.086 9119 21.698 9120
50.925 9121 17.668 9122 28.525 9123 38.591 9124 352.98 9125 354. 9126 125.39 9127
57.548 9128 185.39 9129 334.51 9130 146.84 9131 151.72 9132 289.01 9133 156.87 9134
175.85 9135 488.25 9136 643.32 9137 259.65 9138 243.68 9139 468.76 9140 281.09 9141
497.21 9142 310.1 9143 70.789 9144 21.992 9145 29.933 9146 -8.5929 9147 -23.824 9148
41.03 9149 97.331 9150 6.2277 9151 42.28 9152 43.801 9153 42.441 9154 39.308 9155
30.138 9156 142.93 9157 38.08 9158 39.442 9159 14.374 9160 50.427 9161 94.132 9162
-49.244 9163 -64.475 9164 -34.423 9165 78.368 9166 -29.52 9167 -56.033 9168 -59.223 9169
-62.933 9170 95.407 9171 -99.828 9172 -154.97 9173 -67.509 9174 -44.525 9175 -70.651
9176 -57.399 9177 26.919 9178 -262.51 9179 192.94 9180 -220.2 9181 -146.95 9182 -69.008
9183 -7.3109 9184 -65.912 9185 32.663 9186 -74.477 9187 94.634 9188 337.38 9189 -318.51
9190 -667.36 9191 -174.51 9192 -73.415 9193 -167.31 9194 -218.06 9195 -65.641 9196

-172.78 9197 -252.63 9198 -60.089 9199 -97.156 9200 -96.178 9201 -165.17 9202 -95.522
9203 -100.67 9204 -96.581 9205 -142.19 9206 -168.32 9207 -106.04 9208 -115.23 9209
-90.603 9210 -152.3 9211 -223.46 9212 -219.81 9213 -161.18 9214 792.83 9215 210.19 9216
349.83 9217 485.26 9218 389.8 9219 632.55 9220 226.14 9221 213.11 9222 356.77 9223
488.18 9224 644.33 9225 192.81 9226 469.77 9227 424.28 9228 624.84 9229 -14.808 9230
-30.756 9231 -16.451 9232 -10.909 9233 -15.149 9234 5.4938 9235 -107.72 9236 -71.902
9237 -57.809 9238 -152.09 9239 -74.044 9240 -55.047 9241 -154.94 9242 -51.302 9243
-191.98 9244 -58.969 9245 -103.42 9246 -159.07 9247 -14.245 9248 -156.93 9249 -91.924
9250 23.462 9251 -56.33 9252 -43.109 9253 -77.848 9254 -109.77 9255 -19.19 9256 47.842
9257 -2.2967 9258 -3.4513 9259 87.583 9260 16.079 9261 2.2179 9262 0.53493 9263 2.414
9264 -110.95 9265 -46.301 9266 -30.548 9267 -96.342 9268 -103.6 9269 -130.65 9270 -123.68
9271 -149.66 9272 -43.55 9273 -39.701 9274 -35.452 9275 -132.29 9276 -176.25 9277 -137.41
9278 -130.19 9279 -116.47 9280 -47.838 9281 -7.3077 9282 -19.81 9283 -96.316 9284 -61.774
9285 -8.2609 9286 65.377 9287 49.366 9288 61.853 9289 54.943 9290 8.9177 9291 -23.987
9292 -17.252 9293 -78.772 9294 -73.21 9295 -133.36 9296 -77.797 9297 -47.482 9298 -33.948
9299 -21.188 9300 -82.708 9301 -81.733 9302 -44.69 9303 -91.612 9304 -37.883 9305 -10.864
9306 -65.629 9307 -47.694 9308 -45.084 9309 -42.693 9310 -125.74 9311 -129.14 9312
-127.99 9313 -137.59 9314 -82.948 9315 -81.396 9316 -8.086 9317 -62.091 9318 -41.759 9319
-36.726 9320 -11.38 9321 -36.159 9322 -32.73 9323 -35.938 9324 -23.569 9325 -21.701 9326
-21.318 9327 -4.3493 9328 -13.605 9329 -12.596 9330 -11.551 9331 -9.8295 9332 -12.227
9333 -2.1428 9334 -8.8773 9335 -7.4172 9336 -5.4285 9337 -4.5903 9338 -11.82 9339 -15.563
9340 -8.7298 9341 -11.138 9342 -7.7527 9343 -6.3195 9344 -20.775 9345 -22.57 9346 -17.17
9347 -14.075 9348 -19.537 9349 -12.298 9350 -8.1004 9351 -6.0624 9352 -4.4067 9353 -22.72
9354 -52.033 9355 -28.98 9356 -1.9878 9357 -10.25 9358 -8.5944 9359 -56.221 9360 -36.873
9361 -33.168 9362 -34.055 9363 -31.13 9364 -32.017 9365 -19.877 9366 -22.245 9367 -15.005
9368 -8.8958 9369 -11.304 9370 -11.256 9371 -11.546 9372 -9.2673 9373 -15.326 9374
-14.988 9375 -11.829 9376 -14.227 9377 -21.238 9378 -19.37 9379 -51.439 9380 -46.406 9381
-60.199 9382 -58.647 9383 -55.285 9384 -52.675 9385 -44.683 9386 -31.148 9387 -143.1 9388
-67.248 9389 -55.972 9390 41.839 9391 -89.709 9392 -56.656 9393 3.3965 9394 -53.158 9395
-54.843 9396 84.183 9397 94.067 9398 154.69 9399 222.88 9400 90.163 9401 112.77 9402
168.9 9403 239.04 9404 51.539 9405 62.078 9406 111.76 9407 144.34 9408 113.08 9409
409.41 9410 189.94 9411 146.4 9412 242.5 9413 328.53 9414 383.42 9415 81.624 9416
177.72 9417 318.65 9418 168.75 9419 248.71 9420 119.89 9421 117.16 9422 220.66 9423
196.54 9424 210.27 9425 171.75 9426 41.139 9427 144.64 9428 134.24 9429 95.72 9430
77.689 9431 84.565 9432 85.427 9433 145.07 9434 137.38 9435 97.293 9436 129.97 9437
134.04 9438 186.16 9439 216.97 9440 139.34 9441 140.63 9442 255.56 9443 235.29 9444
-1.4134 9445 -0.77883 9446 9.5707 9447 11.092 9448 0.5838 9449 10.933 9450 16.089 9451
91.016 9452 63.531 9453 82.51 9454 75.048 9455 253.66 9456 66.542 9457 -625.06 9458
-132.21 9459 -130.48 9460 -481.07 9461 -524.61 9462 101.94 9463 40.246 9464 64.875 9465
-2.6387 9466 -192.08 9467 -136.52 9468 -146.4 9469 -23.214 9470 -52.527 9471 -2.4818 9472
-23.85 9473 -22.805 9474 -25.814 9475 -20.506 9476 -40.724 9477 -58.386 9478 -42.688 9479
-43.766 9480 -145.57 9481 -110.05 9482 -107.44 9483 -94.414 9484 -197.89 9485 -14.039
9486 -17.991 9487 -16.002 9488 -15.148 9489 -21.797 9490 -24.805 9491 -25.883 9492
-20.075 9493 -159.31 9494 -191.69 9495 -32.32 9496 -21.686 9497 -18.891 9498 -25.619 9499
-88.763 9500 -103.51 9501 -139.18 9502 -158.16 9503 -105.44 9504 -100.41 9505 -54.957
9506 -66.496 9507 -39.733 9508 -39.609 9509 -34.333 9510 -31.238 9511 -41.403 9512
-36.128 9513 -38.495 9514 -20.795 9515 -186.52 9516 -130.96 9517 -172.08 9518 -191.1 9519
-232.22 9520 -137.85 9521 -96.98 9522 -63.868 9523 -69.069 9524 44.284 9525 -47.299 9526
-121.22 9527 -110.19 9528 -102.92 9529 -60.509 9530 -59.186 9531 -99.112 9532 -111.08
9533 -109.53 9534 -42.983 9535 -59.679 9536 -89.698 9537 -84.311 9538 -20.379 9539 49.761
9540 -81.701 9541 -68.675 9542 -42.899 9543 -100.18 9544 -112.77 9545 -52.15 9546 -98.784
9547 -59.302 9548 -76.42 9549 -65.878 9550 -49.633 9551 38.515 9552 18.244 9553 -36.829
9554 -66.766 9555 -63.399 9556 -52.93 9557 -48.344 9558 19.533 9559 -55.297 9560 -56.222
9561 -55.729 9562 -45.261 9563 -38.822 9564 -3.6063 9565 -40.388 9566 -32.843 9567
-3.5112e-002 9568 0.16479 9569 -39.922 9570 -107.41 9571 0.74568 9572 55.64 9573 -94.262
9574 -67.942 9575 -87.684 9576 -29.79 9577 -54.294 9578 -33.103 9579 -53.532 9580 -33.728
9581 -12.773 9582 1.0273 9583 -39.06 9584 -71.74 9585 -92.382 9586 -49.97 9587 -87.348

9588 -42.267 9589 -94.891 9590 -81.865 9591 -41.197 9592 0.45735 9593 31.266 9594
-35.828 9595 -53.859 9596 -56.257 9597 31.295 9598 4.7737 9599 -30.3 9600 -68.019 9601
-23.328 9602 -26.689 9603 -60.412 9604 9.9068 9605 -12.797 9606 -20.729 9607 11.628 9608
-74.553 9609 -105.95 9610 7.6833 9611 -49.64 9612 -72.147 9613 -9.9933 9614 -8.5899 9615
-23.754 9616 -31.982 9617 61.714 9618 13.653 9619 -23.585 9620 40.591 9621 25.159 9622
-46.734 9623 42.145 9624 55.877 9625 147.48 9626 -74.138 9627 58.612 9628 48.427 9629
-22.586 9630 71.533 9631 -0.56396 9632 63.699 9633 96.844 9634 151.74 9635 92.468 9636
149.73 9637 106.19 9638 204.63 9639 -13.486 9640 4.4551 9641 2.6927 9642 0.81914 9643
2.1205 9644 1.4942 9645 1.4169 9646 -142.64 9647 -39.299 9648 -39.262 9649 -4.2939 9650
-14.545 9651 -12.916 9652 -154.85 9653 -211.41 9654 -15.129 9655 -106.83 9656 -92.738
9657 -66.392 9658 -68.812 9659 -14.532 9660 -15.655 9661 -177.81 9662 -137.04 9663 -258.7
9664 -186.61 9665 -173.77 9666 -220.04 9667 -182.02 9668 -155.06 9669 -295.74 9670
-144.21 9671 -6.1609 9672 -28.636 9673 -199.86 9674 -55.035 9675 -80.762 9676 -100.38
9677 -58.998 9678 -110.83 9679 -77.017 9680 -69.803 9681 -46.415 9682 -73.284 9683
-139.85 9684 -135.88 9685 -139.24 9686 -244.32 9687 -155.29 9688 -174.59 9689 -206.52
9690 -242.17 9691 -37.691 9692 40.311 9693 32.444 9694 56.97 9695 -24.47 9696 109.13
9697 71.328 9698 58.994 9699 57.839 9700 2.1748 9701 36.918 9702 43.115 9703 18.358
9704 25.112 9705 66.287 9706 18.554 9707 31.603 9708 54.915 9709 -124.83 9710 -129.83
9711 -196.73 9712 -263.9 9713 -231.03 9714 -225.06 9715 -102.11 9716 -221.97 9717 -232.28
9718 -164.22 9719 -117.11 9720 -118.15 9721 -123.11 9722 58.042 9723 -67.376 9724 16.22
9725 14.464 9726 27.615 9727 -92.102 9728 47.607 9729 -57.56 9730 -47.744 9731 1.5824
9732 38.228 9733 42.41 9734 173.37 9735 114.34 9736 115.67 9737 121.25 9738 119.25 9739
116.05 9740 156.04 9741 149.89 9742 175.77 9743 -197.56 9744 -437.07 9745 -49.157 9746
-36.99 9747 -598.11 9748 -147.31 9749 -199.76 9750 -330.65 9751 -93.169 9752 -404.59 9753
-65.211 9754 -87.686 9755 -618.63 9756 -618.42 9757 -159.43 9758 -249.26 9759 -135.62
9760 59.479 9761 -34.743 9762 -10.932 9763 -4.1632 9764 19.225 9765 -296.81 9766 -285.05
9767 -858.15 9768 -857.93 9769 -618.09 9770 -590.47 9771 -229.42 9772 -274.41 9773
-805.36 9774 -300.81 9775 -435.99 9776 -518.4 9777 87.478 9778 61.079 9779 91.106 9780
30.351 9781 -19.216 9782 115.03 9783 42.519 9784 -79.138 9785 -7.0481 9786 24.5 9787
-190.39 9788 32.514 9789 -67.378 9790 36.259 9791 -206.25 9792 -178.63 9793 64.962 9794
-6.7852 9795 47.183 9796 -128.74 9797 16.088 9798 -29.26 9799 -119.09 9800 -201.5 9801
-1019.2 9802 -650.03 9803 -649.82 9804 -779.13 9805 -620.62 9806 -751.51 9807 -110.56
9808 -292.02 9809 -84.413 9810 -74.635 9811 -282.66 9812 -137.65 9813 -164.72 9814
-24.616 9815 -49.127 9816 -24.409 9817 -22.78 9818 -164.72 9819 -221.27 9820 -76.256 9821
-25.519 9822 0.13809 9823 -5.4811e-003 9824 -0.15913 9825 -0.97224 9826 -194.7 9827
-189.64 9828 -346.18 9829 -402.73 9830 -284.06 9831 -284.79 9832 -352.3 9833 -14.121 9834
-22.744 9835 -164.68 9836 -102.57 9837 12.225 9838 10.012 9839 15.553 9840 12.9 9841
0.80072 9842 -0.28289 9843 0.61223 9844 27.746 9845 14.132 9846 10.39 9847 19.199 9848
1.9739 9849 0.20155 9850 -0.23936 9851 0.35839 9852 -0.76521 9853 1.3894 9854 -336.82
9855 -232.25 9856 -218.16 9857 -286.39 9858 -288.8 9859 -248.36 9860 -275.44 9861 -342.94
9862 -313.9 9863 -83.352 9864 -82.325 9865 -691.31 9866 -122.2 9867 -323.69 9868 -73.259
9869 -302.94 9870 -107.96 9871 -692.68 9872 -201.91 9873 -351.91 9874 76.473 9875 60.436
9876 40.799 9877 -17.483 9878 -360.53 9879 -142.02 9880 -142.3 9881 -750.26 9882 -300.7
9883 -382.64 9884 -133.92 9885 -124.28 9886 -153.21 9887 -737.93 9888 -214.74 9889
-397.16 9890 89.988 9891 -0.47294 9892 40.057 9893 88.532 9894 22.72 9895 26.969 9896
-69.864 9897 62.097 9898 89.276 9899 18.589 9900 26.687 9901 -70.147 9902 61.815 9903
-152.09 9904 -75.269 9905 19.616 9906 50.425 9907 -151.06 9908 70.702 9909 -59.468 9910
9.168 9911 55.703 9912 49.698 9913 -173.25 9914 -88.395 9915 -20.336 9916 26.776 9917
25.737 9918 -52.182 9919 -202.17 9920 -786.89 9921 -760.05 9922 -237.08 9923 -90.335
9924 -91.652 9925 -271.55 9926 -107.4 9927 -255.14 9928 -15.219 9929 -79.656 9930 -36.11
9931 -206.53 9932 -63.097 9933 -63.904 9934 25.948 9935 -1.0397 9936 73.596 9937 38.912
9938 -174.44 9939 -127.17 9940 -120.09 9941 -301.31 9942 -231.74 9943 -284.9 9944 -41.499
9945 -39.919 9946 -38.489 9947 -208.91 9948 -66.283 9949 -139.34 9950 0.61838 9951
1.7678 9952 19.578 9953 7.7322 9954 6.8179 9955 25.334 9956 14.806 9957 25.184 9958
23.866 9959 40.276 9960 64.529 9961 3.6277 9962 3.3474 9963 -24.166 9964 10.101 9965
-21.93 9966 -22.737 9967 11.53 9968 18.022 9969 -192.35 9970 -193.15 9971 -171.62 9972
-258.95 9973 -266.21 9974 -319.37 9975 -198.49 9976 -87.811 9977 -9.8091 9978 -17.676

9979 -201.31 9980 -74.59 9981 -70.611 9982 -47.945 9983 -72.451 9984 -123.45 9985 -383.89
9986 15.508 9987 -22.452 9988 -441.98 9989 -341.67 9990 -210.97 9991 -186.04 9992
-236.48 9993 -177.73 9994 -212.8 9995 230.91 9996 96.827 9997 29.358 9998 -47.347 9999
-22.821 10000 -331.3 10001 -230.98 10002 -104.26 10003 -139. 10004 14.144 10005 -67.495
10006 -487.03 10007 -48.726 10008 -302.05 10009 375.58 10010 394.35 10011 141.03 10012
356.43 10013 30.654 10014 69.538 10015 47.138 10016 0.38469 10017 47.314 10018 -34.126
10019 61.672 10020 -7.4818 10021 124. 10022 72.709 10023 331.9 10024 303.22 10025
235.78 10026 312.71 10027 265.26 10028 -444.8 10029 -352.82 10030 -339.62 10031 -217.76
10032 -213.78 10033 -252.5 10034 -239.3 10035 -67.963 10036 -37.316 10037 -24.165 10038
-251.7 10039 -109.34 10040 -99.524 10041 -33.003 10042 -366.28 10043 26.165 10044
-320.01 10045 -164.32 10046 -259.67 10047 248.93 10048 187.69 10049 172.8 10050 -246.78
10051 15.634 10052 13.878 10053 -200.51 10054 -58.147 10055 0.99623 10056 -149.92
10057 -34.057 10058 -84.348 10059 -430.52 10060 -288.16 10061 -370.18 10062 292.81
10063 114.36 10064 46.281 10065 86.335 10066 79.424 10067 -25.744 10068 33.399 10069
57.676 10070 77.668 10071 -27.5 10072 68.289 10073 201.18 10074 130.11 10075 81.44
10076 358.39 10077 311.98 10078 230.23 10079 332.58 10080 246.85 10081 282.29 10082
-228.56 10083 -241.88 10084 -323.9 10085 -232.07 10086 47.665 10087 13.833 10088 -55.656
10089 9.8287 10090 16.377 10091 6.4618 10092 -14.098 10093 -1.7117 10094 -0.56306
10095 -0.22167 10096 -0.73613 10097 -0.28791 10098 -0.61619 10099 2.4871 10100 12.91
10101 -2.6617 10102 -2.0324 10103 -8.9035 10104 -3.0225 10105 0.68905 10106 0.98346
10107 -0.30123 10108 0.29453 10109 13.821 10110 13.266 10111 -7.217 10112 -7.9928 10113
5.169 10114 1.3248 10115 0.51599 10116 0.46029 10117 -4.9459 10118 -7.6514 10119 -8.8453
10120 -1.7704 10121 -29.408 10122 -6.5812 10123 -7.357 10124 -8.5509 10125 -17.512
10126 -0.35436 10127 12.617 10128 10.518 10129 0.60355 10130 4.5201 10131 -5.4168e-002
10132 -1.5976 10133 -1.2947 10134 -2.2849 10135 -5.5161 10136 -1.6533 10137 -0.37696
10138 -2.3406 10139 0.56968 10140 3.673 10141 -1.4759 10142 2.614 10143 -0.84648 10144
3.3447 10145 13.768 10146 13.213 10147 16.309 10148 11.114 10149 29.533 10150 -58.003
10151 -3.705 10152 45.093 10153 97.126 10154 -14.036 10155 19.756 10156 36.417 10157
-48.565 10158 -70.346 10159 63.034 10160 106.56 10161 24.658 10162 56.958 10163 45.854
10164 81.953 10165 -61.689 10166 -157.88 10167 -81.802 10168 -174.16 10169 -251.04
10170 -92.134 10171 -175.38 10172 -293.51 10173 -41.681 10174 -149.22 10175 -145.55
10176 -101.9 10177 -84.659 10178 -249.36 10179 -272.82 10180 -177.52 10181 -313.51
10182 -171.01 10183 130.63 10184 81.021 10185 105.19 10186 111.79 10187 106.02 10188
-119.86 10189 -37.836 10190 -4.0438 10191 -130.2 10192 -213.44 10193 -181.06 10194
-209.28 10195 -125.86 10196 122.12 10197 44.754 10198 101.06 10199 47.525 10200 61.415
10201 73.85 10202 153.09 10203 113.45 10204 129.44 10205 155.32 10206 149.55 10207
-3.7186e-002 10208 9.4136e-002 10209 0.40915 10210 0.38451 10211 0.10294 10212
0.19052 10213 -1.7343 10214 -2.427 10215 -43.253 10216 -0.31457 10217 0.69444 10218
1.4716 10219 -0.23971 10220 0.67031 10221 -1.3386 10222 -55.05 10223 -24.244 10224
-23.988 10225 9.8045 10226 11.216 10227 -6.8018 10228 8.0825 10229 -0.19196 10230
-0.74632 10231 1.9693 10232 -1.8452 10233 -0.64961 10234 -15.683 10235 -7.3084 10236
-3.3129 10237 0.63779 10238 1.6162 10239 -1.0397 10240 -2.8769 10241 1.213 10242
-2.2475 10243 0.74035 10244 -1.3669 10245 0.70544 10246 9.8396 10247 8.1176 10248
-0.89966 10249 1.1727 10250 -0.83619 10251 -54.547 10252 -24.495 10253 8.5849 10254
2.3406 10255 -0.31529 10256 -0.22771 10257 -2.1526 10258 -43.671 10259 -69.797 10260
4.1582 10261 -0.33499 10262 3.7549 10263 -64.334 10264 -5.7064 10265 -0.88888 10266
10.318 10267 11.568 10268 13.089 10269 8.5956 10270 1.0399 10271 1.9499 10272 -22.964
10273 -22.708 10274 -73.576 10275 -18.373 10276 9.76e-002 10277 -0.18397 10278 -2.0212
10279 -2.7139 10280 -1.6947 10281 -6.4851 10282 -1.3918 10283 -2.382 10284 0.41262
10285 2.5985 10286 0.21863 10287 -2.0389e-002 10288 -2.3989 10289 -43.224 10290 -15.054
10291 -2.6837 10292 -0.92379 10293 -26.592 10294 9.4607 10295 6.4884 10296 2.4807
10297 0.64345 10298 -67.001 10299 -4.728 10300 -4.5036e-002 10301 -2.4236 10302 -4.315
10303 -6.1947 10304 -2.7083 10305 -0.57475 10306 -8.6709 10307 -24.675 10308 -7.2336
10309 -12.604 10310 -3.238 10311 2.3799 10312 0.94529 10313 -41.063 10314 -12.892 10315
-67.238 10316 -70.947 10317 -23.509 10318 10.283 10319 8.5607 10320 -2.0124 10321 -1.383
10322 -43.443 10323 -16.707 10324 -56.58 10325 -8.3325 10326 -71.052 10327 -4.748 10328
-8.5742 10329 -5.7795 10330 -3.1413 10331 20.926 10332 1.598 10333 11.976 10334 2.5627

10335 1.7617 10336 0.32903 10337 3.0929 10338 -0.46042 10339 1.1895 10340 0.56318
10341 -0.64892 10342 -8.086 10343 117.65 10344 -64.238 10345 -188.13 10346 42.655 10347
90.119 10348 79.389 10349 8.5383 10350 -88.294 10351 -21.42 10352 45.627 10353 -57.237
10354 -28.312 10355 -187.93 10356 4.4005 10357 39.411 10358 65.371 10359 12.738 10360
-85.711 10361 0.17715 10362 -30.344 10363 -202.94 10364 54.416 10365 75.302 10366
-225.82 10367 10.706 10368 67.358 10369 -36.237 10370 -80.497 10371 115.08 10372 199.41
10373 79.384 10374 45.268 10375 77.568 10376 12.496 10377 113.59 10378 20.423 10379
19.695 10380 7.6815 10381 16.2 10382 11.598 10383 162.04 10384 68.866 10385 103.88
10386 129.84 10387 169.81 10388 64.643 10389 273.6 10390 153.58 10391 201.04 10392
190.31 10393 339.43 10394 293.93 10395 234.3 10396 112.46 10397 119.61 10398 328.58
10399 136.63 10400 122.49 10401 141.47 10402 112.88 10403 18.986 10404 -31.758 10405
16.887 10406 6.9718 10407 13.517 10408 -226.32 10409 -33.997 10410 -55.208 10411
-124.11 10412 -103.53 10413 -38.22 10414 -66.139 10415 -259.1 10416 -28.315 10417
-62.431 10418 -155.29 10419 -159.26 10420 -277.56 10421 -253.2 10422 -197.4 10423 46.975
10424 29.938 10425 -233.26 10426 3.2655 10427 -87.938 10428 120.81 10429 120.08 10430
181.78 10431 69.338 10432 221.75 10433 116.59 10434 198.61 10435 384.46 10436 196.79
10437 412.91 10438 -392.88 10439 -156.35 10440 -254.8 10441 -273.77 10442 -247.55 10443
-405.86 10444 -296.36 10445 -364.98 10446 -283.15 10447 -216.28 10448 -260.54 10449
-401.45 10450 114.7 10451 152.62 10452 88.025 10453 144.68 10454 276.09 10455 6.4292
10456 23.417 10457 18.815 10458 115.31 10459 44.462 10460 264.43 10461 76.762 10462
123.62 10463 70.989 10464 259.05 10465 165.56 10466 162.78 10467 61.968 10468 266.4
10469 -309.64 10470 -319.24 10471 -283.42 10472 130.28 10473 131.6 10474 189.41 10475
161.46 10476 174.58 10477 135.18 10478 210.01 10479 243.77 10480 166.12 10481 196.32
10482 128.31 10483 128.89 10484 95.054 10485 115.98 10486 87.845 10487 4.6753 10488
-116.67 10489 26.992 10490 24.205 10491 1.1799 10492 127.83 10493 -106.34 10494 16.579
10495 -55.187 10496 -95.06 10497 -28.795 10498 -28.387 10499 -109.53 10500 -9.9342
10501 -109.87 10502 -81.7 10503 -54.9 10504 -136.04 10505 -139.75 10506 -8.3598 10507
67.613 10508 109.49 10509 68.021 10510 -78.207 10511 9.9372 10512 -42.695 10513 13.957
10514 145.37 10515 -11.855 10516 -53.325 10517 -22.048 10518 0.29308 10519 -42.437
10520 8.8038 10521 -53.976 10522 -89.646 10523 -26.738 10524 -23.208 10525 -20.924
10526 -21.43 10527 -25.917 10528 39.643 10529 -17.91 10530 -1.8264 10531 -21.521 10532
-48.208 10533 -3.7574 10534 -82.4 10535 -61.488 10536 -3.5212 10537 17.675 10538 2.4257
10539 -15.592 10540 -57.447 10541 -92.472 10542 44.304 10543 -13.25 10544 2.8338 10545
-89.868 10546 -86.193 10547 -56.827 10548 -42.547 10549 253.82 10550 284.03 10551
78.159 10552 293.56 10553 -87.062 10554 -125.78 10555 -64.396 10556 126.03 10557 124.87
10558 215.91 10559 168.57 10560 169.14 10561 101.13 10562 67.298 10563 78.155 10564
88.221 10565 67.873 10566 78.73 10567 44.47 10568 66.225 10569 39.275 10570 38.093
10571 35.905 10572 -86.445 10573 -121.8 10574 -120.17 10575 -60.417 10576 -108.6 10577
-49.849 10578 -84.923 10579 -105.85 10580 -125.16 10581 -123.53 10582 -157.09 10583
44.898 10584 54.964 10585 26.832 10586 -155.14 10587 -200.49 10588 -210.93 10589
-290.31 10590 -372.73 10591 -168.87 10592 -297.82 10593 4.6857 10594 5.3891 10595
-36.037 10596 -227.9 10597 26.74 10598 6.2563 10599 25.175 10600 5.4806 10601 23.244
10602 11.362 10603 -161.66 10604 -58.02 10605 87.883 10606 5.7017 10607 24.086 10608
14.171 10609 127.86 10610 22.689 10611 18.088 10612 20.716 10613 -111.45 10614 -190.83
10615 -77.197 10616 -70.428 10617 -69.39 10618 -47.04 10619 3.6267 10620 2.3512 10621
1.7248 10622 -67.803 10623 -36.256 10624 -5.6543 10625 -37.608 10626 -59.3 10627 -70.84
10628 -106.51 10629 -43.602 10630 -97.958 10631 -38.384 10632 -39.578 10633 -48.539
10634 96.948 10635 285.01 10636 189.55 10637 84.387 10638 77.112 10639 -189.46 10640
-157.91 10641 -400.42 10642 -241.91 10643 -298.59 10644 -372.8 10645 -83.682 10646
-15.557 10647 2.2059 10648 -25.713 10649 -2.3957 10650 0.24022 10651 -4.5424 10652
-45.368 10653 -71.494 10654 -3.2203 10655 9.6028 10656 -4.2105 10657 0.8696 10658
-69.705 10659 -45.796 10660 -43.929 10661 -42.467 10662 -36.653 10663 -37.249 10664
-43.545 10665 -104.53 10666 -85.822 10667 -169.82 10668 -226.5 10669 -300.71 10670
-7.0595 10671 -18.845 10672 -13.537 10673 -13.628 10674 -14.822 10675 -7.7468 10676
-54.133 10677 100.97 10678 232.38 10679 -2.6274 10680 75.156 10681 31.755 10682 -46.888
10683 -99.939 10684 -213.66 10685 -4.2159 10686 -46.061 10687 -7.1265 10688 -17.89
10689 -6.9313 10690 -9.0062 10691 -10.694 10692 -7.1734 10693 8.9102 10694 -4.9032

10695 -5.5199 10696 -0.38293 10697 -0.73147 10698 0.91847 10699 -9.567e-002 10700
0.29213 10701 -1.8151 10702 -0.91996 10703 0.21482 10704 -0.90878 10705 -116.91 10706
-57.335 10707 -62.537 10708 -135.89 10709 -83.179 10710 -50.476 10711 -48.192 10712
-40.767 10713 -48.789 10714 -75.476 10715 -78.145 10716 -109.67 10717 -1.8593 10718
-7.987 10719 -9.6744 10720 -2.8938 10721 -1.9204 10722 -3.884 10723 -113.01 10724
-58.715 10725 -31.915 10726 -116.77 10727 2.3809 10728 4.7178 10729 0.47757 10730
-1.3609 10731 -0.22608 10732 -132.01 10733 -171.56 10734 -144.03 10735 -84.458 10736
-66.695 10737 -94.613 10738 -145.34 10739 -38.628 10740 -31.559 10741 74.725 10742
-24.283 10743 129.62 10744 -20.282 10745 -170.13 10746 -143.79 10747 -146.21 10748
-170.86 10749 -238.37 10750 -76.866 10751 -73.22 10752 7.9226 10753 3.6823 10754 1.8439
10755 -95.295 10756 -123.45 10757 -74.036 10758 -103.44 10759 -14.69 10760 2.314 10761
-23.76 10762 37.525 10763 -22.19 10764 -17.946 10765 -18.452 10766 -24.838 10767
-0.99917 10768 -19.03 10769 -21.428 10770 -2.6045 10771 -1.7094 10772 6.0192 10773
-64.471 10774 69.524 10775 -29.485 10776 -22.059 10777 -59.437 10778 154.83 10779
289.03 10780 54.024 10781 131.81 10782 258.45 10783 -200.14 10784 -137.82 10785 -145.49
10786 -130.12 10787 -164.31 10788 -26.998 10789 -22.416 10790 -29.308 10791 -25.185
10792 -18.415 10793 -224.28 10794 -8.8227 10795 -10.898 10796 -9.0648 10797 -10.049
10798 -7.4113 10799 -70.418 10800 -4.1527 10801 -22.17 10802 -19.828 10803 -3.7447 10804
-84.89 10805 -88.599 10806 -18.175 10807 -105.77 10808 -52.613 10809 -130.42 10810
-12.579 10811 -10.831 10812 8.376 10813 -10.702 10814 -16.128 10815 -12.39 10816 -8.8696
10817 22.176 10818 -17.911 10819 -9.8543 10820 -10.59 10821 -186.45 10822 -278.36 10823
-155.1 10824 -150.93 10825 -153.55 10826 -86.996 10827 -129.66 10828 -139.73 10829
-173.92 10830 -135.29 10831 -153.01 10832 -255.07 10833 -127.64 10834 -165.36 10835
-190.47 10836 -112. 10837 -129.71 10838 -26.614 10839 -20.806 10840 -22.491 10841 81.196
10842 301.17 10843 113.5 10844 51.238 10845 129.02 10846 255.67 10847 4.4246 10848
-20.079 10849 18.225 10850 -21.862 10851 -16.82 10852 -14.542 10853 -0.58295 10854
-105.23 10855 -98.5 10856 -145.42 10857 -108.78 10858 -176.66 10859 -91.693 10860
-98.192 10861 -87.309 10862 -14.853 10863 -15.443 10864 19.773 10865 -11.074 10866
19.972 10867 -20.114 10868 -12.058 10869 -28.975 10870 -17.261 10871 17.955 10872
-20.898 10873 -15.233 10874 -12.891 10875 18.155 10876 -13.876 10877 -20.604 10878
-11.237 10879 -80.24 10880 -44.026 10881 -62.044 10882 -124.76 10883 -47.159 10884
-92.783 10885 -42.701 10886 -77.411 10887 -80.079 10888 -41.378 10889 -333.02 10890
-265.15 10891 -198.27 10892 -257.27 10893 -221.62 10894 -383.44 10895 -347.36 10896
-28.28 10897 86.547 10898 -3.3866 10899 -34.271 10900 66.275 10901 -31.831 10902 11.202
10903 -21.244 10904 4.5314 10905 -36.003 10906 -44.979 10907 -127.97 10908 -31.418
10909 5.6508 10910 -33.203 10911 -27.537 10912 -69.392 10913 -25.195 10914 -32.908
10915 -38.371 10916 -20.671 10917 -54.493 10918 -98.902 10919 -32.352 10920 -85.081
10921 -49.048 10922 -94.732 10923 -28.182 10924 -89.504 10925 -76.478 10926 -68.185
10927 -80.904 10928 -78.464 10929 -35.431 10930 -61.379 10931 -67.878 10932 42.646
10933 -82.518 10934 31.542 10935 -86.487 10936 -19.613 10937 -78.605 10938 58.17 10939
67.641 10940 -76.002 10941 -42.961 10942 -342.53 10943 -247.22 10944 -251.19 10945
-243.31 10946 -383.21 10947 -268.42 10948 -240.71 10949 -369.49 10950 -333.4 10951
-80.805 10952 -77.1 10953 -157.41 10954 -127.73 10955 -98.829 10956 -91.084 10957
-48.051 10958 -50.108 10959 -184.29 10960 -24.29 10961 -26.143 10962 10.926 10963 41.735
10964 -27.633 10965 -33.095 10966 -25.856 10967 262.62 10968 478.74 10969 404.79 10970
291.07 10971 99.115 10972 99.941 10973 84.976 10974 103.95 10975 -48.423 10976 -131.67
10977 -99.291 10978 -31.238 10979 -36.608 10980 -127.51 10981 -58.193 10982 125.61
10983 33.541 10984 46.865 10985 82.075 10986 24.321 10987 91.274 10988 66.616 10989
60.665 10990 43.552 10991 29.53 10992 -57.752 10993 -108.38 10994 -71.736 10995 -28.703
10996 -54.65 10997 -58.639 10998 -408.45 10999 -260.64 11000 -231.75 11001 -266.77 11002
-291.89 11003 -264.17 11004 -260.49 11005 -317.21 11006 -37.802 11007 -75.777 11008
-24.998 11009 -44.755 11010 -27.055 11011 -54.935 11012 93.128 11013 86.985 11014 106.27
11015 112.86 11016 107.09 11017 92.129 11018 17.364 11019 -14.466 11020 -21.195 11021
-19.418 11022 -131.41 11023 -14.375 11024 -99.035 11025 2.2855 11026 -12.964 11027
-30.982 11028 -43.833 11029 -57.937 11030 -182.28 11031 -332.79 11032 -156.08 11033
-210.5 11034 -107.36 11035 -184.83 11036 -141.18 11037 -241.54 11038 22.188 11039 36.078
11040 20.828 11041 17.695 11042 -30.8 11043 -179.35 11044 -311.37 11045 -168.87 11046

-297.65 11047 -273.29 11048 320.08 11049 78.489 11050 92.379 11051 104.81 11052 -129.5
11053 -178.12 11054 -94.7 11055 -302.96 11056 -359.67 11057 -14.135 11058 -17.107 11059
23.439 11060 18.945 11061 98.331 11062 101.91 11063 90.861 11064 116.74 11065 20.466
11066 51.285 11067 -405.05 11068 -364.58 11069 -366.97 11070 157.46 11071 129.51 11072
112.14 11073 105.23 11074 103.23 11075 178.07 11076 100.04 11077 47.813 11078 22.288
11079 32.666 11080 29.809 11081 70.985 11082 23.252 11083 73.329 11084 59.613 11085
169.95 11086 163.04 11087 133.52 11088 235.87 11089 172.49 11090 135.09 11091 133.09
11092 157.6 11093 245.45 11094 174.38 11095 207.92 11096 125.71 11097 129.89 11098
38.863 11099 36.006 11100 77.182 11101 42.498 11102 79.526 11103 117.72 11104 88.205
11105 71.697 11106 3.7282 11107 13.338 11108 2.0452 11109 10.481 11110 3.9243 11111
2.8138 11112 11.25 11113 4.6929 11114 146.21 11115 170.72 11116 221.04 11117 20.86 11118
27.351 11119 64.379 11120 3.0099 11121 -49.724 11122 -15.457 11123 -8.9656 11124 -116.32
11125 -16.264 11126 -123.59 11127 -168.22 11128 -76.384 11129 -183.27 11130 -134.07 11131
-216.09 11132 -124.25 11133 -229.4 11134 -72.726 11135 -22.902 11136 -94.795 11137 -155.21
11138 -43.336 11139 -110.23 11140 -144.53 11141 39.74 11142 -182.4 11143 -149.53 11144
-199.22 11145 -143.56 11146 -208.25 11147 -140.19 11148 -244.06 11149 -87.39 11150 -322.03
11151 -245.91 11152 -289.88 11153 -306.69 11154 -327.86 11155 -251.04 11156 -150.51 11157
-149.93 11158 -103.39 11159 -109.4 11160 -332.34 11161 -19.647 11162 -20.685 11163 -20.263
11164 -42.974 11165 -7.8457 11166 -221.75 11167 -144.93 11168 -36.373 11169 -56.01 11170
-114.29 11171 -264.28 11172 -40.763 11173 -263.71 11174 -39.125 11175 -135.96 11176 10.739
11177 -11.549 11178 5.7723 11179 23.579 11180 -9.9368 11181 -68.218 11182 69.182 11183
-169.78 11184 -190.94 11185 -114.12 11186 37.489 11187 79.367 11188 88.837 11189 -54.805
11190 -51.13 11191 -7.4842 11192 -17.554 11193 -131.71 11194 0.25211 11195 -136.83 11196
17.574 11197 -87.856 11198 -189.38 11199 -216.42 11200 -242.54 11201 11.446 11202 24.495
11203 64.786 11204 183.64 11205 101.43 11206 105.61 11207 65.67 11208 102.7 11209
103.61 11210 104.13 11211 139.34 11212 81.584 11213 83.868 11214 91.294 11215 123.88
11216 237.77 11217 76.736 11218 87.381 11219 56.465 11220 31.808 11221 -5.2788 11222
60.59 11223 0.8758 11224 2.8358 11225 5.1197 11226 4.6137 11227 8.1339 11228 39.18
11229 22.066 11230 15.512 11231 -23.342 11232 -59.532 11233 46.32 11234 -8.7534 11235
-28.51 11236 -10.81 11237 165.38 11238 134.47 11239 79.395 11240 72.725 11241 105.89
11242 50.316 11243 -16.979 11244 19.054 11245 -12.546 11246 13.23 11247 13.727 11248
83.389 11249 52.78 11250 14.021 11251 -126.4 11252 -118.66 11253 -161.43 11254 -186.54
11255 -211.86 11256 1.1526 11257 -5.9469e-002 11258 1.0753 11259 -1.9687 11260 -1.0624
11261 0.44898 11262 -221.91 11263 -20.954 11264 -21.46 11265 -21.551 11266 -22.745 11267
-27.847 11268 -173.14 11269 -79.837 11270 -208.79 11271 120.46 11272 83.37 11273 40.33
11274 33.438 11275 57.277 11276 39.246 11277 194.23 11278 37.561 11279 44.331 11280
27.182 11281 23.812 11282 110.6 11283 104.83 11284 89.862 11285 -181.54 11286 -89.708
11287 -40.382 11288 80.788 11289 -171.73 11290 -158.88 11291 -192.45 11292 -147.32 11293
47.755 11294 12.072 11295 20.805 11296 18.617 11297 -14.465 11298 -2.4374 11299 -22.866
11300 -18.09 11301 -17.424 11302 -17.93 11303 -22.417 11304 -9.9984 11305 -14.41 11306
22.587 11307 16.636 11308 -44.708 11309 -14.499 11310 -15.646 11311 -7.7146 11312
-22.033 11313 138.76 11314 -17.909 11315 -11.139 11316 -12.632 11317 3.4516 11318
-16.243 11319 -10.362 11320 -61.316 11321 44.535 11322 -53.571 11323 -17.119 11324
13.927 11325 -47.417 11326 -10.538 11327 -42.984 11328 -17.209 11329 -60.697 11330
-116.44 11331 -175.44 11332 -172.83 11333 -139.79 11334 -301.61 11335 28.212 11336
-93.831 11337 -72.919 11338 4.2218 11339 64.117 11340 6.5637 11341 22.647 11342 19.106
11343 -22.734 11344 -73.868 11345 -55.651 11346 -11.454 11347 -19.167 11348 -9.8002 11349
-40.751 11350 -89.76 11351 -132.53 11352 -53.309 11353 -46.728 11354 -129.93 11355
-48.784 11356 -126.25 11357 -96.886 11358 -82.606 11359 -182.97 11360 -28.368 11361
-310.49 11362 -233.66 11363 32.297 11364 -34.999 11365 1.0341 11366 83.589 11367 59.124
11368 52.454 11369 -124.79 11370 -149.9 11371 -38.982 11372 -71.428 11373 -89.141 11374
-192.67 11375 -114.2 11376 -164.95 11377 -131.91 11378 64.525 11379 -16.048 11380 4.8642
11381 6.9718 11382 21.934 11383 -10.096 11384 -7.4582 11385 -52.689 11386 164.61 11387
-2.4129 11388 33.62 11389 27.796 11390 6.0738 11391 -3.5811 11392 -86.062 11393 -115.47
11394 3.3611 11395 9.242 11396 -0.75193 11397 -142.94 11398 12.893 11399 21.845 11400
-17.527 11401 1.4301 11402 -10.452 11403 -103.9 11404 -33.676 11405 -65.275 11406 -39.499
11407 -82.987 11408 -167.02 11409 -363.08 11410 -159.22 11411 -406.88 11412 -433.63 11413

-397.54 11414 -409.27 11415 243.68 11416 129.88 11417 124.11 11418 109.15 11419 260.46
11420 211.79 11421 -111.14 11422 -55.485 11423 -139.31 11424 17.436 11425 -59.998 11426
-190.81 11427 -145.69 11428 -86.933 11429 -260.02 11430 -46.617 11431 -45.579 11432
-38.81 11433 -16.46 11434 14.592 11435 -380.78 11436 -437.46 11437 -511.67 11438 -23.117
11439 -24.802 11440 -278.95 11441 -353.16 11442 -22.152 11443 -66.05 11444 -117.18 11445
0.72213 11446 -1.6758 11447 -225. 11448 -8.4428 11449 -25.886 11450 130.71 11451 -22.761
11452 -17.763 11453 -19.707 11454 -18.994 11455 109.97 11456 -35.066 11457 -78.555 11458
-158.67 11459 41.249 11460 140.72 11461 144.91 11462 -283.6 11463 -333.29 11464 -277.63
11465 -133.52 11466 -249.8 11467 -296.13 11468 -111.35 11469 -211.71 11470 113.98 11471
142.76 11472 -393.16 11473 -357.07 11474 -368.8 11475 -383.82 11476 -395.55 11477 -371.27
11478 -294.45 11479 -13.908 11480 96.235 11481 -315.61 11482 -75.367 11483 -51.688 11484
-18.371 11485 7.9465e-003 11486 5.2084 11487 -0.19643 11488 -6.779 11489 4.0777e-003
11490 8.1651e-003 11491 -3.1253 11492 -1.4961 11493 -7.0705 11494 -26.816 11495 7.9746
11496 -10.252 11497 -1.4874 11498 -5.1249 11499 -2.8188 11500 -15.492 11501 -23.037
11502 1.7325 11503 9.3518 11504 -4.5298 11505 1.093 11506 6.0569 11507 3.401 11508
-58.769 11509 0.47786 11510 -8.2559 11511 0.74446 11512 58.915 11513 -22.34 11514 4.8321
11515 -11.76 11516 1.9826 11517 7.5651e-003 11518 4.3366e-002 11519 -7.7564e-002 11520
-6.29 11521 6.7097 11522 -0.62901 11523 -3.7327 11524 -2.0763 11525 -38.558 11526 -32.869
11527 -1.2867 11528 8.2611 11529 9.6804 11530 0.49402 11531 6.6288 11532 22.712 11533
-26.423 11534 -28.565 11535 -39.316 11536 -210.8 11537 -171.93 11538 -64.638 11539 99.431
11540 93.902 11541 299.31 11542 591.58 11543 149.23 11544 46.06 11545 -74.762 11546
135.38 11547 129.82 11548 100.87 11549 97.32 11550 409.72 11551 641.49 11552 207.75
11553 29.781 11554 -964.23 11555 -766.75 11556 -586.24 11557 -403.74 11558 -564.66 11559
-596.71 11560 -420.04 11561 -596.54 11562 -62.561 11563 -96.254 11564 -122.02 11565
-81.685 11566 -486.51 11567 -418.22 11568 -61.293 11569 -68.909 11570 1.2562e-002 11571
1.1923e-002 11572 1.1995e-002 11573 -1.6063 11574 -1.9332 11575 5.3559e-003 11576
8.4104e-006 11577 -10.344 11578 -7.7628e-002 11579 0.24493 11580 1.1173e-002 11581
-6.16e-002 11582 -417.21 11583 -399.02 11584 451.3 11585 754.45 11586 460.21 11587
811.29 11588 237.82 11589 731.17 11590 289.11 11591 768.31 11592 169.95 11593 251.68
11594 301.36 11595 317.33 11596 229.09 11597 -5.2087e-007 11598 20.722 11599 10.545
11600 15.13 11601 31.29 11602 -7.1206 11603 -3.6523 11604 -0.89121 11605 -8.2074e-007
11606 17.832 11607 -2.5745e-002 11608 29.05 11609 15.89 11610 -0.19227 11611 -0.11003
11612 24.237 11613 30.677 11614 36.824 11615 25.791 11616 16.266 11617 62.742 11618
-1.028 11619 8.7035e-003 11620 12.779 11621 23.334 11622 -3.8439 11623 12.116 11624
-0.90691 11625 10.595 11626 -5.3944e-002 11627 12.131 11628 23.555 11629 459.94 11630
0.36035 11631 0.58865 11632 -1.6587 11633 -1.6488 11634 -1.1056 11635 -1.3568 11636
-1.6662 11637 -1.1868 11638 3.412e-002 11639 103.83 11640 113.72 11641 115.54 11642
166.93 11643 136.78 11644 132.97 11645 175.7 11646 90.754 11647 426.15 11648 505.97
11649 487.69 11650 582.3 11651 457.17 11652 -147.73 11653 -80.758 11654 -119.04 11655
-171.26 11656 -131.96 11657 105.34 11658 66.447 11659 81.854 11660 86.724 11661 73.03
11662 100.49 11663 90.375 11664 -322.85 11665 -602.6 11666 -505.46 11667 -420.4 11668
539.08 11669 368. 11670 350.45 11671 455.73 11672 265.19 11673 -379.81 11674 -367.12
11675 2.5632 11676 -2.6321 11677 19.999 11678 12.302 11679 11.316 11680 24.507 11681
-5.1421 11682 -8.4748 11683 -5.383 11684 -5.2992 11685 -11.757 11686 -5.7128 11687
-5.8697 11688 -12.844 11689 924.58 11690 619.83 11691 847.51 11692 448.4 11693 967.07
11694 663.28 11695 1285.1 11696 1105.1 11697 1129. 11698 696.97 11699 982.2 11700
555.66 11701 717.9 11702 694.14 11703 779.44 11704 774.42 11705 790.11 11706 607.16
11707 709.9 11708 767.86 11709 789.92 11710 1020.3 11711 944.48 11712 627.88 11713
938.08 11714 523.89 11715 766.67 11716 662.03 11717 901.92 11718 684.11 11719 758.68
11720 742.23 11721 132.87 11722 -71.113 11723 -19.53 11724 -58.161 11725 -12.652 11726
-98.411 11727 -70.865 11728 -87.276 11729 -83.106 11730 -56.197 11731 -64.391 11732
0.17343 11733 2.0059 11734 7.0325 11735 3.3093 11736 -17.942 11737 6.561 11738 21.775
11739 7.5479 11740 -17.295 11741 9.2751 11742 -19.724 11743 2.1555 11744 -9.7261e-002
11745 -1.9094e-002 11746 -1.8407e-002 11747 1.6842e-002 11748 -5.2502e-003 11749
-7.5273e-003 11750 -5.8743e-002 11751 0.27259 11752 -0.59502 11753 3.558 11754 -17.005
11755 213.11 11756 6.603 11757 -5.581 11758 2.5636 11759 -2.3484 11760 -4.5113 11761
-2.3205 11762 -2.1165 11763 -4.4029 11764 -0.57814 11765 2.8945 11766 -1.1262 11767

3.7931 11768 -11.435 11769 154.48 11770 12.219 11771 -7.2017 11772 -0.84784 11773
-0.84006 11774 1.5043 11775 -0.10485 11776 4.3006e-003 11777 1.7279e-002 11778
-2.3665e-004 11779 6.7803 11780 9.4359 11781 -0.2323 11782 -1.3698e-002 11783 -14.532
11784 0.67897 11785 -22.671 11786 -1.8854 11787 -1.495 11788 -349.9 11789 -262.19 11790
-266.75 11791 -283.75 11792 23.302 11793 23.092 11794 100.51 11795 330.46 11796 827.18
11797 549.43 11798 51.719 11799 31.148 11800 12.682 11801 122.71 11802 121.77 11803
131.58 11804 139.75 11805 20.658 11806 0.81483 11807 70.836 11808 364.63 11809 740.15
11810 335.23 11811 96.084 11812 32.005 11813 3.8742 11814 -697.37 11815 -717.17 11816
-718.18 11817 -654.41 11818 -87.547 11819 -111.24 11820 -129.41 11821 -162.88 11822
-23.008 11823 -470.27 11824 -401.43 11825 -546.19 11826 -558.21 11827 -22.73 11828
-49.031 11829 -32.254 11830 -68.424 11831 -84.464 11832 -0.51904 11833 -0.16432 11834
-0.63515 11835 -0.10679 11836 -3.7697e-003 11837 -1.7016e-002 11838 -3.1516e-002 11839
2.783 11840 -3.2824 11841 1.7738 11842 -5.5578 11843 -2.3026e-002 11844 -2.9906e-002
11845 7.0679e-003 11846 605.77 11847 689.5 11848 630.94 11849 682.11 11850 684.38 11851
566.55 11852 654.65 11853 642.3 11854 330.4 11855 255.9 11856 241.52 11857 166.2 11858
223.21 11859 316.08 11860 222.91 11861 159.01 11862 -66.536 11863 95.634 11864 -0.73926
11865 98.133 11866 117.68 11867 57.726 11868 71.946 11869 89.801 11870 -308.64 11871
-434.65 11872 -379.71 11873 -346.1 11874 406.55 11875 407.68 11876 424.17 11877 456.14
11878 336.61 11879 437.3 11880 420.28 11881 -363.71 11882 -280.65 11883 -360.29 11884
-471.52 11885 19.226 11886 3.0518 11887 -90.163 11888 -105.46 11889 -79.521 11890
-83.247 11891 -104.22 11892 -98.57 11893 -40.296 11894 -99.031 11895 -50.582 11896
-45.934 11897 -56.385 11898 -24.328 11899 -20.181 11900 -41.248 11901 -22.642 11902
-18.848 11903 193.61 11904 146.24 11905 95.334 11906 57.304 11907 86.287 11908 168.05
11909 93.747 11910 154.55 11911 -41.676 11912 -20.101 11913 -11.141 11914 -2.2058 11915
10.394 11916 -36.68 11917 165.46 11918 255.91 11919 492.05 11920 301.61 11921 -0.92302
11922 2.459 11923 55.431 11924 68.419 11925 251.98 11926 2.4381 11927 330.19 11928
469.69 11929 388.97 11930 463.56 11931 273.5 11932 114.02 11933 22.556 11934 2.3517
11935 4.025 11936 150.07 11937 257.88 11938 406.83 11939 478.54 11940 223.55 11941
124.74 11942 150.12 11943 8.7688 11944 136.58 11945 161.99 11946 321.56 11947 117.34
11948 2.9701 11949 46.816 11950 36.27 11951 96.673 11952 -34.048 11953 -16.11 11954
-14.322 11955 -11.824 11956 12.115 11957 124.21 11958 263.74 11959 465.91 11960 267.31
11961 4.6939 11962 3.4344 11963 51.615 11964 59.506 11965 142.04 11966 2.9598 11967
297.54 11968 413.65 11969 353.88 11970 336.93 11971 280.46 11972 85.354 11973 20.196
11974 8.1389 11975 13.8 11976 186.56 11977 255.78 11978 435.64 11979 498.28 11980
233.94 11981 113.34 11982 146.02 11983 2.7714e-003 11984 102.27 11985 118.17 11986
328.16 11987 26.038 11988 -0.79796 11989 44.025 11990 40.735 11991 86.365 11992 -357.07
11993 -301.26 11994 -173.99 11995 -208.6 11996 -343.37 11997 -329.89 11998 -60.976 11999
-41.082 12000 -140.53 12001 -144.63 12002 -213.3 12003 -218.39 12004 269.47 12005 178.19
12006 102. 12007 170.93 12008 516.86 12009 69.532 12010 -93.977 12011 -111.04 12012
-90.887 12013 327.72 12014 503.23 12015 146.29 12016 3.3946e-003 12017 0.45323 12018
1.6327e-003 12019 1.0843e-003 12020 -0.11164 12021 -1.1682e-002 12022 -2.8845e-002
12023 -2.7584e-003 12024 -34.72 12025 -67.522 12026 -2.2544 12027 -2.6409 12028 -1.5334
12029 -63.162 12030 -69.732 12031 -65.527 12032 -70.109 12033 -64.86 12034 -56.79 12035
1.0924e-002 12036 1.4438 12037 -2.9067e-004 12038 5.3413e-003 12039 0.25534 12040
-33.726 12041 -79.525 12042 -1.0621 12043 -0.76748 12044 -1.5964 12045 -143.29 12046
-104.34 12047 -95.519 12048 -98.766 12049 -80.142 12050 -96.238 12051 15.447 12052
10.996 12053 9.9269e-003 12054 16.137 12055 24.674 12056 17.476 12057 1.5188 12058
-7.2026e-002 12059 2.9456 12060 2.7064 12061 17.816 12062 6.7313 12063 19.584 12064
32.162 12065 -2.316 12066 -0.32099 12067 -17.918 12068 -322.69 12069 80.912 12070
203.94 12071 28.943 12072 0.9674 12073 -0.7996 12074 -192.06 12075 -221.46 12076 101.83
12077 189.34 12078 22.421 12079 0.87424 12080 14.95 12081 -339.06 12082 -463.24 12083
-429.6 12084 -80.283 12085 245.48 12086 219.59 12087 13.054 12088 5.2704 12089 3.7331
12090 13.277 12091 283.84 12092 132.65 12093 5.3625 12094 13.052 12095 -75.688 12096
-325.36 12097 -42.84 12098 1.7095 12099 -29.53 12100 4.7247 12101 -0.78138 12102 -4.2343
12103 13.06 12104 -0.89202 12105 6.2051e-002 12106 0.44867 12107 -6.8239 12108 -3.079
12109 5.1345e-002 12110 -2.1339 12111 -1.0235 12112 2.4423e-002 12113 -0.41617 12114
-9.5518 12115 180.93 12116 147.9 12117 204.27 12118 201.64 12119 95.914 12120 30.956

12121 -78.149 12122 232.88 12123 752.58 12124 220.84 12125 96.371 12126 195.2 12127
648.51 12128 -98.657 12129 -493.55 12130 -196.87 12131 -684.97 12132 275.06 12133
509.72 12134 -547. 12135 -107.55 12136 -237.32 12137 162.64 12138 181.48 12139 -150.16
12140 179.23 12141 65.203 12142 226.01 12143 190.94 12144 -147.25 12145 -94.672 12146
350.61 12147 305.47 12148 308.04 12149 -518.79 12150 -413.87 12151 -97.395 12152
-414.47 12153 263.55 12154 -12.765 12155 157.51 12156 -539.97 12157 -232.54 12158
123.02 12159 307.6 12160 280.82 12161 190.16 12162 203.52 12163 -200.85 12164 -169.74
12165 174.09 12166 -23.974 12167 -330.31 12168 224.32 12169 235.2 12170 -29.691 12171
-204.22 12172 301.72 12173 -184.29 12174 -66.604 12175 -6.7264e-002 12176 0.93014 12177
3.8848 12178 -20.473 12179 -28.374 12180 9.0994 12181 57.388 12182 0.19796 12183
54.855 12184 -44.075 12185 -91.238 12186 -21.101 12187 -49.959 12188 -51.959 12189
124.72 12190 -37.616 12191 47.757 12192 -0.36726 12193 -29.354 12194 -19.993 12195
28.82 12196 -4.197 12197 4.5916 12198 -40.859 12199 -38.795 12200 42.445 12201 22.686
12202 -28.929 12203 71.751 12204 -3.0226e-002 12205 -21.744 12206 139.92 12207 -72.067
12208 72.994 12209 -50.652 12210 85.052 12211 0.22036 12212 -54.854 12213 -237.41
12214 -365.02 12215 92.378 12216 285.29 12217 749.43 12218 -247.1 12219 148.81 12220
256.34 12221 -235.92 12222 86.082 12223 -204.37 12224 354.92 12225 -369.69 12226 -309.1
12227 -3.7075e-003 12228 -0.26036 12229 209.95 12230 274.8 12231 219.04 12232 493.64
12233 -365.31 12234 171.63 12235 264.05 12236 410.39 12237 -71.227 12238 162.83 12239
244.43 12240 255.99 12241 18.182 12242 -5.5426 12243 -17.225 12244 94.612 12245 409.68
12246 175.54 12247 233.04 12248 145.71 12249 64.81 12250 209.96 12251 230.67 12252
23.113 12253 111.61 12254 317.24 12255 -187.18 12256 202.17 12257 182.28 12258 185.08
12259 264.91 12260 93.071 12261 140.46 12262 9.1374 12263 169.49 12264 -0.10789 12265
-42.416 12266 6.5218 12267 -0.24715 12268 24.751 12269 96.742 12270 -322.42 12271
136.65 12272 -1.7213 12273 -369.4 12274 -89.951 12275 -11.786 12276 -442.68 12277 365.35
12278 124.08 12279 -34.344 12280 -8.3646 12281 286.93 12282 104.45 12283 209.4 12284
267.87 12285 161.52 12286 94.513 12287 64.157 12288 -378. 12289 -241.35 12290 -581.4
12291 -449.54 12292 330.42 12293 -181.85 12294 77.089 12295 -22.604 12296 184.42 12297
246.8 12298 365.8 12299 337.78 12300 -18.925 12301 -319.49 12302 -0.132 12303 420.35
12304 -122.8 12305 -11.618 12306 105.05 12307 1.0105 12308 8.3073 12309 39.294 12310
28.254 12311 -6.8857 12312 1.4458 12313 646.68 12314 -17.302 12315 -82.319 12316
-392.68 12317 189.45 12318 7.4654 12319 -104.57 12320 300.21 12321 662.77 12322 170.02
12323 207.33 12324 581.4 12325 -368.54 12326 -437.83 12327 6.0679 12328 89.465 12329
-3.8968 12330 -0.74269 12331 -71.578 12332 361.17 12333 -87.597 12334 -32.492 12335
155.81 12336 -1.3936e-002 12337 -398.48 12338 0.16157 12339 -0.38124 12340 -53.972
12341 169.41 12342 200.33 12343 -442.39 12344 -304.75 12345 -46.693 12346 -0.33846
12347 -92.348 12348 169.9 12349 -61.053 12350 -480.54 12351 289.56 12352 -14.742 12353
44.205 12354 -135.03 12355 381.15 12356 213.74 12357 291.91 12358 0.20147 12359
-223.88 12360 0.11596 12361 114.89 12362 -156.82 12363 -60.519 12364 10.963 12365
-188.07 12366 -42.088 12367 -50.028 12368 -9.1857 12369 -8.108 12370 -9.4748 12371
-26.546 12372 -19.182 12373 9.9709e-003 12374 6.6512e-003 12375 -5.5736e-003 12376
1.2394e-002 12377 -1.114e-002 12378 2.506 12379 -240.65 12380 -7.2579 12381 -232.53
12382 -18.816 12383 2.1582 12384 -33.429 12385 -1.5781 12386 0.6558 12387 -0.90136
12388 -0.14685 12389 -0.35774 12390 -21.518 12391 -0.54423 12392 -6.7191e-002 12393
-0.95888 12394 -4.2805 12395 -2.0466 12396 -0.46956 12397 -0.36107 12398 -9.7153 12399
-3.4189 12400 -3.687 12401 -13.44 12402 -3.1652 12403 -24.597 12404 -10.76 12405
-7.1645e-003 12406 -5.8625e-004 12407 -1.2384e-002 12408 6.5965e-004 12409 3.3064e-002
12410 -3.1593e-002 12411 4.8989e-003 12412 4.6247e-003 12413 -1.7585e-003 12414
2.9755e-002 12415 0.11426 12416 6.2063e-002 12417 3.1133 12418 -30.643 12419 -2.7368
12420 -2.7229 12421 -22.4 12422 22.316 12423 20.54 12424 0.95246 12425 -0.61174 12426
4.4489 12427 0.73703 12428 17.387 12429 -24.095 12430 -8.1189 12431 -1.5228 12432
0.84916 12433 64.756 12434 55.137 12435 -6.9472 12436 -94.462 12437 -47.334 12438
-21.154 12439 -42.793 12440 -21.91 12441 -12.189 12442 221.44 12443 115.53 12444 -14.947
12445 -355.89 12446 -286.91 12447 -125.35 12448 -3.7589 12449 -7.5311 12450 110.54
12451 7.2888 12452 140.74 12453 207.4 12454 -242.79 12455 -180.71 12456 -16.644 12457
-7.9166 12458 -5.5876 12459 51.885 12460 57.245 12461 -78.752 12462 -52.462 12463
0.12259 12464 0.53812 12465 0.48582 12466 26.972 12467 10.534 12468 -49.441 12469

-6.6365 12470 -36.532 12471 2.1134 12472 -4.8181 12473 -3.3292 12474 -34.992 12475
-30.958 12476 -3.6294 12477 24.865 12478 45.809 12479 -2.5366 12480 -2.7298 12481
-36.275 12482 -34.173 12483 -2.4763 12484 35.087 12485 -19.265 12486 -37.131 12487
-391.12 12488 -216.35 12489 98.808 12490 -6.5272 12491 -254.52 12492 -281.25 12493
-190.4 12494 -192.45 12495 -232.52 12496 -248.02 12497 -119.69 12498 -10.652 12499
-220.12 12500 -8.2169 12501 -14.309 12502 -11.98 12503 -172.86 12504 -130.18 12505
-85.144 12506 -58.855 12507 -176.67 12508 -113.63 12509 -196.22 12510 -56.494 12511
-236.29 12512 -171.26 12513 -210.76 12514 5.5422 12515 -1.9242 12516 2.1481 12517
-0.30791 12518 2.0958 12519 -160.48 12520 41.322 12521 -47.831 12522 -101.24 12523
9.9574 12524 -44.109 12525 -5.0265 12526 -34.923 12527 -45.308 12528 2.411 12529 3.5017
12530 2.4202 12531 3.5157 12532 45.132 12533 106.64 12534 3.6089 12535 32.103 12536
28.555 12537 13.767 12538 53.047 12539 26.779 12540 -1.7184 12541 99.704 12542 12.207
12543 -2.7109 12544 -3.3319 12545 45.041 12546 3.5749 12547 15.018 12548 1.0302 12549
0.10048 12550 0.57751 12551 0.57216 12552 1.0116 12553 0.54463 12554 -1.4019 12555
4.7289 12556 2.7309 12557 3.5121 12558 2.6286 12559 3.2528 12560 3.0541 12561 2.9745
12562 -18.179 12563 -4.3425 12564 -27.684 12565 1.8368 12566 1.403 12567 3.4795 12568
3.1856 12569 1.3007 12570 -94.327 12571 -33.913 12572 -9.6015 12573 -21.646 12574
-5.6704 12575 -237.99 12576 -27.606 12577 -28.209 12578 -25. 12579 -125.41 12580 -261.
12581 -32.796 12582 -30.924 12583 -104.46 12584 -152.93 12585 -64.998 12586 -218.39
12587 -120.31 12588 -73.183 12589 -269.65 12590 -141.33 12591 4.3695 12592 -35.318
12593 -0.32416 12594 -0.50857 12595 -16.785 12596 36.114 12597 38.783 12598 -0.81356
12599 -13.893 12600 -4.548 12601 -4.1804 12602 -12.183 12603 -14.364 12604 -18.315
12605 -0.2711 12606 1.8195 12607 6.4295 12608 -2.6752e-002 12609 20.74 12610 -16.8
12611 -26.614 12612 104.07 12613 36.358 12614 29.459 12615 80.594 12616 42.477 12617
14.693 12618 -11.702 12619 -30.449 12620 -27.604 12621 -16.887 12622 -9.6902 12623
195.65 12624 116.72 12625 -111.59 12626 -196.02 12627 -301.87 12628 -16.863 12629
-10.795 12630 79.655 12631 8.5257 12632 142.65 12633 220.24 12634 -204.82 12635 -65.1
12636 -19.091 12637 -9.4808 12638 -3.533 12639 36.797 12640 50.792 12641 -73.396 12642
12.347 12643 0.5674 12644 2.7085 12645 26.799 12646 11.089 12647 -44.628 12648 -17.817
12649 -29.268 12650 1.0063e-002 12651 9.7438e-003 12652 3.6642e-003 12653 -3.0667e-
003 12654 -3.1855e-003 12655 0.2687 12656 3.3361 12657 0.77382 12658 2.3833e-002
12659 0.74359 12660 0.14935 12661 0.12066 12662 -4.4315e-002 12663 0.20823 12664
-3.6632e-002 12665 -3.0143e-002 12666 -3.8927e-002 12667 -3.6111e-002 12668 -0.42947
12669 6.0196e-002 12670 -0.16896 12671 -34.426 12672 -8.3172 12673 1.573 12674 -2.8055
12675 -20.008 12676 -30.572 12677 3.0404 12678 -205.75 12679 6.745 12680 -269.74 12681
-18.065 12682 5.7172 12683 -21.971 12684 6.3888 12685 -1.2811 12686 -0.43065 12687
-0.63208 12688 -21.735 12689 2.0479 12690 -0.7052 12691 2.7194 12692 -2.3974 12693
-2.2501 12694 -54.037 12695 -49.626 12696 -3.9835 12697 40.66 12698 55.58 12699 3.0924
12700 -1.9809 12701 -1.8363 12702 -41.109 12703 -49.157 12704 -3.1553 12705 61.323
12706 -35.713 12707 -32.49 12708 -218.79 12709 57.96 12710 -17.799 12711 -234.08 12712
-226.51 12713 -289.26 12714 -119.7 12715 -201.79 12716 -204.13 12717 -240.62 12718
-309.98 12719 -238.19 12720 -17.078 12721 -14.538 12722 -22.152 12723 -9.5341 12724
-127.16 12725 -231.23 12726 -31.199 12727 -116.86 12728 -49.736 12729 -170.98 12730
-177.64 12731 -237.77 12732 3.4872 12733 0.80394 12734 -1.2064 12735 1.2532 12736
-1.0423 12737 -111.37 12738 50.27 12739 -33.945 12740 -17.816 12741 37.901 12742 -27.63
12743 8.9708 12744 3.5675 12745 3.1878 12746 3.383 12747 55.044 12748 98.803 12749
2.0134 12750 66.492 12751 40.006 12752 42.675 12753 5.0872 12754 99.513 12755 16.051
12756 7.2026 12757 2.7231 12758 19.25 12759 3.5614 12760 0.24916 12761 11.458 12762
0.68413 12763 2.6094 12764 -0.14368 12765 0.34599 12766 0.11683 12767 0.12344 12768
14.67 12769 2.8944 12770 4.0665 12771 3.262 12772 3.7515 12773 10.789 12774 -6.9219
12775 -10.872 12776 3.4134 12777 3.2484 12778 -1.8553 12779 7.7552 12780 10.932 12781
10.936 12782 13.073 12783 18.831 12784 -158.18 12785 -26.488 12786 -73.516 12787
-2.8308 12788 -34.263 12789 -7.452 12790 1.8934 12791 -19.17 12792 -56.16 12793 -18.903
12794 -82.681 12795 -212.72 12796 -7.1017 12797 -16.812 12798 -10.864 12799 -220.44
12800 -80.727 12801 -107.25 12802 -20.608 12803 -145.38 12804 -12.345 12805 -17.061
12806 -24.333 12807 -35.49 12808 -29.423 12809 -161.53 12810 -8.1116 12811 -21.299 12812
-27.713 12813 -29.894 12814 -33.845 12815 -191.36 12816 -280.35 12817 -135.89 12818

-175.67 12819 -105.8 12820 -102.77 12821 -103.53 12822 -105.91 12823 -105.39 12824
-110.18 12825 -105.45 12826 -85.84 12827 -219.34 12828 -172.96 12829 -116.45 12830
-78.488 12831 -83.328 12832 -84.096 12833 -79.437 12834 -123.81 12835 -86.475 12836
-86.171 12837 -86.029 12838 -85.882 12839 -116.49 12840 -85.862 12841 -67.876 12842
-25.978 12843 37.557 12844 -87.94 12845 -49.343 12846 3.5562 12847 6.2253 12848 61.366
12849 99.973 12850 75.523 12851 79.469 12852 59.813 12853 -37.282 12854 4.0964 12855
19.456 12856 -251.32 12857 97.208 12858 215.42 12859 89.628 12860 103.62 12861 -117.99
12862 -69.321 12863 -20.565 12864 -31.457 12865 -177.55 12866 283.31 12867 326.59 12868
289.88 12869 367.47 12870 -109.74 12871 -57.28 12872 -57.579 12873 -52.895 12874 427.66
12875 528.75 12876 502.62 12877 423.68 12878 5.0905 12879 -218.51 12880 136.72 12881
145.63 12882 125.75 12883 133.7 12884 87.633 12885 -76.013 12886 59.849 12887 59.769
12888 -44.092 12889 33.455 12890 48.889 12891 38.604 12892 29.087 12893 43.397 12894
-49.286 12895 5.8576 12896 -3.9563 12897 -66.462 12898 23.503 12899 -36.973 12900
-79.613 12901 -58.219 12902 -55.721 12903 -13.502 12904 -15.278 12905 132.6 12906 129.05
12907 -36.608 12908 47.151 12909 108.15 12910 27.551 12911 190.43 12912 74.331 12913
158.16 12914 169.83 12915 116.06 12916 21.519 12917 130.7 12918 44.369 12919 -7.4059
12920 115.82 12921 187.65 12922 71.549 12923 206.83 12924 155.37 12925 165.73 12926
60.762 12927 85.851 12928 78.149 12929 84.643 12930 61.712 12931 -53.867 12932 1.736
12933 14.645 12934 -233.67 12935 84.078 12936 280.44 12937 105.67 12938 111.03 12939
-123.02 12940 -24.965 12941 1.3239 12942 -116.49 12943 -111.08 12944 -153.73 12945
355.66 12946 399.34 12947 341.61 12948 408.28 12949 86.198 12950 20.16 12951 -38.344
12952 448.7 12953 566.77 12954 555.59 12955 449.69 12956 -21.741 12957 -194.48 12958
186.6 12959 229.86 12960 172.16 12961 184.87 12962 162.55 12963 -74.66 12964 5.439
12965 12.947 12966 60.075 12967 62.933 12968 30.893 12969 20.087 12970 33.025 12971
-55.376 12972 -20.723 12973 3.5885 12974 -8.4561 12975 -404.88 12976 -68.522 12977
-830.8 12978 -809.32 12979 -249.16 12980 -348.46 12981 -347.38 12982 -318.25 12983
-752.1 12984 -664.62 12985 -666.96 12986 -477.55 12987 -772.82 12988 -701.03 12989
-634.49 12990 -276.82 12991 -13.301 12992 -741.96 12993 -742.47 12994 -416.65 12995
-137.35 12996 -232.57 12997 -630.15 12998 -656.88 12999 -501.34 13000 -566.03 13001
-608.15 13002 -494.99 13003 -18.404 13004 -641.81 13005 -231.02 13006 -161.25 13007
-443.75 13008 -258.35 13009 -393.55 13010 -411.83 13011 -447.67 13012 -386.71 13013
-454.33 13014 -514.46 13015 -413.79 13016 -489.46 13017 -484.2 13018 -410.48 13019
-352.5 13020 -373.56 13021 -308.52 13022 -167.1 13023 -248.86 13024 -363.22 13025
-416.67 13026 -322.54 13027 -398.21 13028 -490.94 13029 -100.02 13030 -640.92 13031
-87.849 13032 -50.551 13033 -454.02 13034 -329.32 13035 -209.18 13036 -443.68 13037
-336.1 13038 -400.99 13039 -447.48 13040 -403.01 13041 -507.1 13042 -442.08 13043
-481.57 13044 -508.38 13045 -130.74 13046 -657.45 13047 -215.63 13048 -170.4 13049
-476.89 13050 -209.26 13051 -353.88 13052 -529.98 13053 -337.43 13054 -396.79 13055
-421.91 13056 -400.54 13057 -487.36 13058 -389.28 13059 -350.64 13060 -538.63 13061
-410.3 13062 -508.29 13063 -388.55 13064 -374.96 13065 -319.21 13066 -265.54 13067
-255.46 13068 -441.64 13069 -372.7 13070 -399.02 13071 -431.21 13072 -497.78 13073
-133.04 13074 -625.48 13075 -121.33 13076 -129.81 13077 -463.21 13078 -212.81 13079
-343.71 13080 -347.6 13081 -505.2 13082 -414.54 13083 -482.54 13084 -519.46 13085
-376.68 13086 -36.453 13087 -26.563 13088 -42.785 13089 -310.39 13090 -48.144 13091
-58.708 13092 -91.901 13093 -112.83 13094 -88.198 13095 -96.246 13096 52.691 13097
14.234 13098 21.831 13099 -142.45 13100 -132.65 13101 -113.18 13102 -108.77 13103
12.938 13104 -45.533 13105 -18.485 13106 -3.5649 13107 -40.843 13108 -39.765 13109
-241.56 13110 -65.358 13111 -58.203 13112 -50.839 13113 -452.36 13114 -478.39 13115
-264.68 13116 -152.79 13117 -195.3 13118 -238.71 13119 -279.29 13120 -482.21 13121
-230.53 13122 -118.65 13123 -193.63 13124 -204.56 13125 -194.7 13126 -234.44 13127
-206.08 13128 -42.012 13129 -62.227 13130 -65.512 13131 -63.41 13132 17.311 13133 5.8504
13134 -16.52 13135 -50.582 13136 -68.666 13137 -66.885 13138 -62.85 13139 67.68 13140
-7.0274 13141 13.916 13142 1.2242e-002 13143 -5.6826e-004 13144 -4.7116e-002 13145
-2.2268e-003 13146 -6.8708e-004 13147 5.843e-003 13148 -2.5465e-003 13149 1.1423e-002
13150 -1.0067e-003 13151 8.6756e-003 13152 -3.5491e-003 13153 -7.616e-002 13154
9.5316e-003 13155 -9.1151e-003 13156 -1.7698 13157 -0.83394 13158 -1.0627 13159 -22.223
13160 -1.3149 13161 -0.79093 13162 -0.33807 13163 1.1392 13164 -0.98677 13165 -1.6638

13166 -4.9855 13167 -1.2842 13168 -22.387 13169 -1.4784 13170 -1.1747 13171 0.97577
13172 -1.0902 13173 2.0673 13174 1.1099e-002 13175 6.2119e-003 13176 4.3753e-003
13177 -1.2435e-002 13178 -17.36 13179 -22.035 13180 -32.599 13181 -4.0699e-002 13182
-5.4572e-002 13183 -3.896e-002 13184 -3.6144e-002 13185 -0.2469 13186 -0.16899 13187
6.192e-002 13188 -133.25 13189 0.10671 13190 1.5139 13191 0.84437 13192 0.25013 13193
-8.5623e-002 13194 5.6466e-002 13195 0.2232 13196 -5.9261e-003 13197 -5.0235e-002
13198 -2.5437e-004 13199 1.7798e-002 13200 0.11577 13201 6.3568e-002 13202 -0.29032
13203 -4.2313e-002 13204 -4.5753e-002 13205 -4.5223e-002 13206 -3.2179e-002 13207
-1.8589e-002 13208 -6.4432e-002 13209 -0.21443 13210 -3.2654e-002 13211 -408.12 13212
-369.95 13213 -440.22 13214 -423.4 13215 -247.68 13216 -262.38 13217 -326.56 13218
-391.26 13219 -197.05 13220 -329.28 13221 -433.38 13222 -407.85 13223 -448.87 13224
-526.72 13225 -369.04 13226 -431.13 13227 -414.31 13228 -238.59 13229 -248.84 13230
-166.91 13231 -406.74 13232 -382.02 13233 -187.95 13234 -293.1 13235 -420.85 13236
-320.18 13237 -383.78 13238 -418.43 13239 -420.7 13240 -351.88 13241 -293.55 13242
225.65 13243 241.29 13244 225.2 13245 230.29 13246 528.53 13247 546.8 13248 305.15
13249 225.66 13250 358.11 13251 491.77 13252 680.11 13253 721.98 13254 535.27 13255
466.32 13256 505.4 13257 587.4 13258 248.52 13259 261.48 13260 229.59 13261 574.86
13262 545.58 13263 281.11 13264 231.46 13265 235.59 13266 564.31 13267 721.11 13268
746.7 13269 517.25 13270 491.11 13271 580.95 13272 559.66 13273 118.9 13274 118.81
13275 118.86 13276 473.86 13277 459.97 13278 461.1 13279 253.65 13280 282.77 13281
131.25 13282 127.65 13283 118.87 13284 272.71 13285 516.27 13286 707.77 13287 648.86
13288 486.34 13289 500.32 13290 400.35 13291 519.39 13292 477.75 13293 534.47 13294
144.1 13295 150.62 13296 156.33 13297 368.76 13298 427.83 13299 471.88 13300 402.99
13301 143.4 13302 144.4 13303 231.6 13304 295.42 13305 236.77 13306 335.13 13307
509.99 13308 711.48 13309 705.3 13310 549.36 13311 457.3 13312 526.8 13313 507.55
13314 528.93 13315 90.247 13316 81.415 13317 83.149 13318 151.41 13319 212.92 13320
196.43 13321 175.72 13322 131.51 13323 179.7 13324 137.51 13325 123.92 13326 131.14
13327 453.16 13328 291.04 13329 246.6 13330 173.51 13331 154.49 13332 187.35 13333
200.24 13334 178.07 13335 249.24 13336 203.75 13337 165.21 13338 162.8 13339 492.87
13340 271.44 13341 233.78 13342 227.95 13343 240.29 13344 282.46 13345 245.76 13346
262.84 13347 319.57 13348 167.58 13349 166.61 13350 499.72 13351 241.76 13352 270.27
13353 242.69 13354 205.54 13355 296.19 13356 254.13 13357 333.97 13358 312.68 13359
237.42 13360 280.88 13361 262.33 13362 129.88 13363 122.68 13364 120.94 13365 459.3
13366 226.15 13367 272.59 13368 211.35 13369 187.67 13370 212.15 13371 195.87 13372
242.72 13373 184.78 13374 15.645 13375 -0.4456 13376 4.6376 13377 26.006 13378 6.8006
13379 272.3 13380 1.7133 13381 14.998 13382 313.25 13383 121.81 13384 18.085 13385
142.82 13386 95.371 13387 156.32 13388 1.712 13389 3.4461 13390 12.996 13391 10.77
13392 51.808 13393 5.7387 13394 7.1192 13395 328.72 13396 135.51 13397 13.063 13398
7.5698 13399 109.32 13400 20.282 13401 318.53 13402 148.1 13403 107.89 13404 4.1634
13405 42.975 13406 126.12 13407 3.672 13408 44.709 13409 4.192 13410 320.71 13411
-0.44064 13412 7.9448 13413 12.118 13414 3.7739 13415 83.101 13416 16.861 13417 8.8199
13418 349.97 13419 21.253 13420 10.389 13421 87.671 13422 131.13 13423 -0.10901 13424
-6.7889e-002 13425 354.94 13426 12.324 13427 8.7253 13428 -4.8886e-002 13429 14.47
13430 26.643 13431 356.71 13432 23.263 13433 15.284 13434 126.69 13435 11.719 13436
91.046 13437 9.4176 13438 86.7 13439 340.96 13440 12.241 13441 342.13 13442 8.6832
13443 15.892 13444 95.219 13445 12.878 13446 107.2 13447 124.28 13448 46.709 13449
21.728 13450 18.619 13451 360.09 13452 96.66 13453 158.8 13454 49.783 13455 17.898
13456 366.9 13457 9.4409 13458 21.692 13459 69.413 13460 19.765 13461 23.893 13462
12.382 13463 12.9 13464 328.37 13465 124.5 13466 14.249 13467 21.804 13468 188.2 13469
8.1372 13470 14.522 13471 119.74 13472 17.041 13473 11.498 13474 78.365 13475 34.651
13476 376.12 13477 82.372 13478 174.84 13479 314.96 13480 0.83918 13481 111.61 13482
8.9126 13483 9.67 13484 9.7551 13485 87.711 13486 76.622 13487 16.965 13488 23.445
13489 13.322 13490 338.99 13491 162.53 13492 89.573 13493 3.3756 13494 -1.9489 13495
1.5943 13496 -0.26732 13497 118.84 13498 14.159 13499 59.589 13500 75.984 13501
-22.966 13502 6.0312 13503 12.123 13504 289.33 13505 126.82 13506 22.139 13507 4.9001
13508 93.103 13509 5.6119 13510 11.324 13511 -1.6115 13512 -0.61395 13513 6.9522 13514
83.203 13515 120.73 13516 16.054 13517 289.34 13518 4.9073 13519 93.11 13520 13.432

13521 339.1 13522 11.617 13523 162.64 13524 699.01 13525 680.93 13526 601.09 13527
532.86 13528 309.47 13529 196.7 13530 319.07 13531 303.12 13532 554.23 13533 435.16
13534 380.07 13535 375.93 13536 -0.37262 13537 -0.41324 13538 0.26689 13539 1.1831
13540 0.90308 13541 -0.25847 13542 -0.38407 13543 0.31138 13544 57.155 13545 -1.5077
13546 -1.6625 13547 -0.81228 13548 56.941 13549 87.021 13550 10.513 13551 -0.10643
13552 -1.6575 13553 -1.4178 13554 -0.80732 13555 82.64 13556 44.552 13557 10.518 13558
-0.10147 13559 -1.2312 13560 -0.53573 13561 56.308 13562 67.837 13563 -0.46608 13564
0.45017 13565 10.79 13566 0.17012 13567 -0.66134 13568 56.183 13569 57.092 13570
65.807 13571 10.664 13572 4.4512e-002 13573 -0.81606 13574 82.631 13575 87.017 13576
10.51 13577 -0.11021 13578 -0.57635 13579 44.783 13580 -0.5067 13581 0.40955 13582
10.749 13583 0.1295 13584 0.10377 13585 0.73997 13586 120.31 13587 97.293 13588 264.99
13589 52.919 13590 63.259 13591 120.24 13592 96.649 13593 125.25 13594 123.35 13595
309.85 13596 300.71 13597 42.184 13598 78.083 13599 68.204 13600 101.59 13601 124.26
13602 145.62 13603 301.62 13604 348.92 13605 78.992 13606 69.113 13607 102.5 13608
171.31 13609 128.84 13610 374.62 13611 312.05 13612 -2.1642 13613 64.067 13614 94.807
13615 151.79 13616 128.2 13617 281.47 13618 321.38 13619 69.392 13620 53.712 13621
79.732 13622 136.72 13623 113.12 13624 310.33 13625 87.708 13626 77.828 13627 111.22
13628 379. 13629 2.2214 13630 68.452 13631 109.07 13632 99.193 13633 132.58 13634
258.45 13635 273.96 13636 46.38 13637 56.72 13638 113.7 13639 90.109 13640 466.06
13641 441.66 13642 139.21 13643 147.1 13644 198.4 13645 281.4 13646 496.83 13647
179.12 13648 212.61 13649 238.31 13650 535. 13651 203.47 13652 184.32 13653 229.17
13654 265.07 13655 519.74 13656 231.63 13657 205.52 13658 312.37 13659 142.96 13660
162.61 13661 209.19 13662 296.91 13663 -114.24 13664 -139.84 13665 -21.194 13666
-26.046 13667 -28.962 13668 -84.413 13669 -88.54 13670 -75.961 13671 -71.567 13672
-93.26 13673 -5.5366 13674 -79.671 13675 -99.901 13676 9.8637 13677 4.8085 13678 -4.4057
13679 4.5216 13680 -55.056 13681 -42.477 13682 -54.844 13683 -36.225 13684 -20.732
13685 -145.15 13686 -23.008 13687 -9.2798 13688 115.7 13689 -0.68028 13690 -30.659
13691 -85.502 13692 -74.2 13693 -38.3 13694 -70.395 13695 -68.135 13696 -55.369 13697
-151.61 13698 -44.701 13699 -42.267 13700 -36.562 13701 -26.786 13702 -107.67 13703
-106.06 13704 -105.03 13705 -64.406 13706 -96.501 13707 -94.241 13708 -85.123 13709
-32.756 13710 -25.052 13711 66.616 13712 -18.162 13713 -66.349 13714 -63.683 13715
-86.409 13716 -85.377 13717 2.3467 13718 322.21 13719 100.49 13720 97.569 13721 256.51
13722 262.81 13723 46.86 13724 165.82 13725 81.04 13726 32.854 13727 251.88 13728
35.519 13729 173.52 13730 40.558 13731 89.994 13732 209.23 13733 18.89 13734 20.498
13735 271.23 13736 92.429 13737 102.2 13738 271.43 13739 43.867 13740 211.74 13741
95.357 13742 65.378 13743 264.59 13744 25.643 13745 234.24 13746 79.106 13747 86.216
13748 262.33 13749 54.396 13750 69.889 13751 229.19 13752 81.161 13753 90.088 13754
248.46 13755 43.089 13756 64.834 13757 -196.86 13758 -378.75 13759 66.646 13760 -397.19
13761 -203.05 13762 -210.71 13763 -186.41 13764 -172.3 13765 -160.92 13766 -31.759
13767 -350.51 13768 -474.35 13769 -97.462 13770 -91.159 13771 -483.15 13772 -307.11
13773 -77.506 13774 -294.29 13775 -407.05 13776 -442.59 13777 -40.646 13778 -248.58
13779 -26.203 13780 -253.84 13781 -400.06 13782 -383.25 13783 -6.925 13784 -212.3 13785
-190.56 13786 473.38 13787 479.68 13788 263.73 13789 219.97 13790 -5.8576 13791 387.28
13792 396.08 13793 181.9 13794 203.65 13795 204.09 13796 20.907 13797 -42.1 13798
387.31 13799 403.3 13800 149.25 13801 164.35 13802 179.38 13803 44.307 13804 276.93
13805 455.94 13806 396.17 13807 47.724 13808 -7.895 13809 205.83 13810 228.37 13811
-57.31 13812 132.23 13813 300.9 13814 351.25 13815 -7.7273 13816 134.89 13817 112.17
13818 -222.1 13819 28.747 13820 -371.76 13821 -330.23 13822 -187.61 13823 -210.33 13824
-211.66 13825 -15.257 13826 -323.88 13827 -363.7 13828 -205.6 13829 -203.99 13830 11.281
13831 13.535 13832 -1.2894 13833 -4.5971 13834 -5.1403 13835 48.155 13836 78.555 13837
44.323 13838 5.0143 13839 -4.0075 13840 65.119 13841 8.2968 13842 0.20986 13843 31.089
13844 16.15 13845 7.3497 13846 3.5773 13847 38.651 13848 87.272 13849 56.188 13850
53.04 13851 22.375 13852 62.227 13853 3.5014 13854 3.2162 13855 15.764 13856 53.818
13857 34.803 13858 49.294 13859 52.34 13860 3.3797 13861 18.526 13862 -2.4997 13863
17.911 13864 1.4204 13865 2.8014 13866 7.1836 13867 102.46 13868 78.778 13869 -0.72471
13870 52.914 13871 9.3905 13872 8.0161 13873 6.3748 13874 85.373 13875 96.279 13876
59.127 13877 55.295 13878 85.108 13879 59.51 13880 15.986 13881 -8.4497 13882 -8.993

13883 -51.777 13884 -27.862 13885 -14.735 13886 -13.121 13887 40.47 13888 1.1617 13889
-10.116 13890 -7.0938 13891 -56.967 13892 -14.328 13893 -24.861 13894 -10.62 13895
-18.702 13896 -0.50469 13897 -5.5479 13898 -5.6264 13899 -38.124 13900 6.9213 13901
-1.1656 13902 -44.315 13903 -51.977 13904 -25.659 13905 -30.884 13906 -27.671 13907
-5.4628 13908 29.713 13909 -6.1344 13910 -5.5845 13911 -9.0716 13912 -22.798 13913
-13.971 13914 -12.074 13915 -23.079 13916 9.7258 13917 -11.3 13918 -49.517 13919 -50.96
13920 -31.17 13921 -15.969 13922 -7.9772 13923 -20.343 13924 -2.146 13925 -44.409 13926
-1.3305 13927 -42.617 13928 -25.824 13929 -23.48 13930 -9.2389 13931 -28.836 13932
-6.2992 13933 -31.033 13934 6.678 13935 -55.045 13936 -31.128 13937 -14.256 13938
-24.972 13939 -5.7061 13940 -11.586 13941 -38.618 13942 -55.937 13943 -18.586 13944
-15.846 13945 -16.972 13946 -4.1262 13947 -26.851 13948 36.619 13949 5.9534 13950
886.05 13951 945.83 13952 1104.9 13953 1014.9 13954 465.81 13955 717.15 13956 615.03
13957 785.63 13958 547. 13959 733.67 13960 793.45 13961 641.55 13962 313.43 13963 326.
13964 564.78 13965 371.43 13966 441.94 13967 492.59 13968 288.87 13969 907.29 13970
755.39 13971 1066.3 13972 414.8 13973 678.62 13974 564.17 13975 670.58 13976 515.97
13977 866.76 13978 776.77 13979 482.63 13980 240.28 13981 223.04 13982 224.04 13983
215.24 13984 479.06 13985 316.41 13986 487.05 13987 738.4 13988 636.27 13989 666.21
13990 806.88 13991 347.72 13992 322.68 13993 586.5 13994 393.15 13995 472.05 13996
578.46 13997 463.66 13998 1195.1 13999 900.99 14000 633.6 14001 897.42 14002 889.38
14003 734.77 14004 556.09 14005 811. 14006 552.41 14007 807.43 14008 875.91 14009
637.28 14010 1055.6 14011 923.44 14012 954.21 14013 951.7 14014 555.52 14015 680.93
14016 940.78 14017 895.87 14018 707.44 14019 695.56 14020 339.51 14021 399.49 14022
600.1 14023 679.87 14024 353.97 14025 850.05 14026 838.17 14027 880.82 14028 742.71
14029 500.89 14030 867.39 14031 628.63 14032 668.56 14033 671.69 14034 667.55 14035
665.04 14036 268.86 14037 286.74 14038 281.19 14039 287.62 14040 654.12 14041 436.45
14042 339.87 14043 458.41 14044 377.99 14045 706.02 14046 349.98 14047 448.05 14048
409.95 14049 475.39 14050 735.24 14051 502.42 14052 690.34 14053 398.07 14054 598.68
14055 348.42 14056 356.86 14057 723.36 14058 524.53 14059 678.46 14060 352.55 14061
776.93 14062 399.51 14063 766.01 14064 527.25 14065 570.31 14066 489.89 14067 378.24
14068 503.65 14069 763.5 14070 545.83 14071 449.25 14072 790.02 14073 867.3 14074 709.
14075 405.94 14076 512.66 14077 769.77 14078 599.9 14079 511.58 14080 528.99 14081
698.54 14082 813.75 14083 467.44 14084 315.91 14085 305.05 14086 678.29 14087 425.79
14088 420.1 14089 437.52 14090 468.79 14091 749.91 14092 865.12 14093 827.19 14094
489.68 14095 518.81 14096 367.28 14097 354.91 14098 508.75 14099 729.66 14100 645.65
14101 856.17 14102 697.87 14103 518.67 14104 392.67 14105 384.69 14106 383.89 14107
537.73 14108 496.09 14109 758.65 14110 511.92 14111 588.77 14112 674.63 14113 905.13
14114 867.2 14115 405.85 14116 396.43 14117 769.68 14118 511.48 14119 528.9 14120
674.03 14121 522.51 14122 884.89 14123 786.18 14124 606.98 14125 472.2 14126 626.04
14127 846.96 14128 762.94 14129 324.83 14130 314.7 14131 426.1 14132 431.54 14133
688.65 14134 441.93 14135 518.78 14136 852.37 14137 920. 14138 848.38 14139 840.16
14140 460.39 14141 548.54 14142 793.3 14143 712.91 14144 604. 14145 253.3 14146 269.67
14147 372.36 14148 586.2 14149 412.05 14150 346.95 14151 407.9 14152 834.3 14153
725.39 14154 762.68 14155 391.4 14156 707.59 14157 520.74 14158 498.67 14159 468.08
14160 566.23 14161 710.36 14162 702.13 14163 336.52 14164 331.02 14165 339.09 14166
655.27 14167 444.02 14168 468.42 14169 536.21 14170 435.72 14171 793.02 14172 442.31
14173 530.47 14174 775.22 14175 601.07 14176 535.97 14177 596.92 14178 349.78 14179
350.12 14180 452.48 14181 666.31 14182 426.8 14183 524.96 14184 492.16 14185 750.46
14186 387.41 14187 703.6 14188 492.35 14189 516.74 14190 494.68 14191 362.47 14192
450.62 14193 371.12 14194 695.37 14195 576.31 14196 475.82 14197 194.38 14198 224.47
14199 177.89 14200 76.048 14201 67.961 14202 109.58 14203 157.18 14204 140.84 14205
98.84 14206 113.69 14207 161.16 14208 -36.304 14209 -91.178 14210 -52.58 14211 -75.319
14212 0.31878 14213 2.9879 14214 -9.8177 14215 -11.406 14216 -17.82 14217 -9.0433 14218
-20.002 14219 -23.952 14220 -30.241 14221 -71.313 14222 -49.918 14223 -62.841 14224
-5.202 14225 -6.978 14226 -6.3552 14227 -9.1047 14228 -16.376 14229 -6.0992 14230
-27.534 14231 -222.26 14232 -231.06 14233 -94.287 14234 -98.721 14235 -74.497 14236
-61.369 14237 -59.756 14238 -55.014 14239 -77.056 14240 -84.718 14241 -60.412 14242
-233.49 14243 -216.69 14244 -88.719 14245 -96.367 14246 -53.728 14247 -45.737 14248

-58.103 14249 -23.991 14250 -195.87 14251 -231.41 14252 -94.282 14253 -81.313 14254
-62.177 14255 -67.532 14256 -37.399 14257 -168.42 14258 -208.24 14259 -80.208 14260
-48.246 14261 -39.419 14262 -50.136 14263 -48.528 14264 -214.05 14265 -172.52 14266
-52.344 14267 -81.711 14268 -41.62 14269 -29.9 14270 -52.625 14271 0.80962 14272 12.346
14273 1.7259 14274 5.1709 14275 3.3558 14276 156.25 14277 154.38 14278 186.19 14279
126.91 14280 81.422 14281 88.221 14282 -17.528 14283 1.4941 14284 152.51 14285 79.56
14286 -5.6904 14287 42.03 14288 -5.6053 14289 107.47 14290 72.35 14291 53.07 14292
134.49 14293 54.281 14294 6.6462 14295 84.602 14296 146.75 14297 14.661 14298 11.647
14299 12.36 14300 89.642 14301 105.97 14302 123.05 14303 128.49 14304 127.41 14305
86.875 14306 4.5333 14307 5.2467 14308 82.529 14309 98.852 14310 -4.0101 14311 70.856
14312 -8.6427 14313 76.363 14314 84.141 14315 4.6425 14316 137.09 14317 89.648 14318
-8.7844 14319 -245. 14320 -210.57 14321 -3.3322 14322 -10.308 14323 -45.896 14324
0.78866 14325 -199.63 14326 7.6076 14327 -8.9185 14328 -5.8177e-002 14329 -4.0209e-002
14330 -0.30815 14331 -0.13079 14332 -1.7605e-002 14333 -0.41998 14334 -0.21786 14335
-1.1258e-003 14336 -9.1705e-002 14337 -2.466e-002 14338 -0.17878 14339 -7.8226e-004
14340 -7.506e-003 14341 -2.3626e-002 14342 2.1822e-002 14343 -4.2835e-002 14344
-0.19284 14345 -0.17843 14346 1.0118e-002 14347 3.9447e-002 14348 -6.6917e-003 14349
-0.16081 14350 -2.0829e-003 14351 -4.0043e-003 14352 2.84e-002 14353 2.3048e-002 14354
-3.6257e-002 14355 5.5356e-002 14356 -3.3135e-002 14357 0.22285 14358 -2.9473e-003
14359 0.22057 14360 0.10642 14361 0.19724 14362 0.19496 14363 -21.237 14364 -0.16122
14365 -5.4341 14366 5.3332 14367 -7.2346 14368 -10.348 14369 -5.8679 14370 -7.6684
14371 2.9549 14372 3.2641 14373 25.187 14374 50.116 14375 -33.835 14376 -6.49 14377
66.531 14378 120.44 14379 -10.042 14380 -120.44 14381 476.63 14382 107.77 14383 271.65
14384 309.97 14385 345.83 14386 -140.22 14387 -166.95 14388 2.84 14389 140.05 14390
78.361 14391 164.08 14392 -115.36 14393 -181.4 14394 -1.561 14395 31.419 14396 54.22
14397 -76.416 14398 -47.766 14399 0.10763 14400 0.17891 14401 12.56 14402 10.373 14403
-4.611 14404 -22.012 14405 -2.2771 14406 -19.514 14407 7.9169 14408 20.929 14409 -3.4159
14410 -36.016 14411 -34.685 14412 21.623 14413 46.116 14414 -34.921 14415 22.718 14416
-2.1855 14417 -1.8249 14418 -35.924 14419 -29.453 14420 -2.1252 14421 26.369 14422
35.439 14423 -2.4905 14424 -3.5219 14425 -37.256 14426 4.3284 14427 -12.198 14428
11.925 14429 -17.649 14430 -35.344 14431 6.2408 14432 -10.285 14433 0.88417 14434
-5.7137 14435 7.5045 14436 39.992 14437 -25.539 14438 -17.587 14439 -7.7241 14440
37.981 14441 5.966 14442 1.4976 14443 23.909 14444 45.079 14445 -12.868 14446 -31.405
14447 1.1829 14448 87.564 14449 122.17 14450 -106.14 14451 -166.93 14452 490.83 14453
78.719 14454 226.01 14455 295.06 14456 326.38 14457 -129.99 14458 -192.75 14459 -107.61
14460 -141.68 14461 8.4566 14462 146.34 14463 79.118 14464 170.19 14465 -200.82 14466
-201.12 14467 -110.16 14468 -61.406 14469 -1.8836 14470 26.152 14471 39.076 14472 -49.22
14473 -71.117 14474 -0.84395 14475 -6.336 14476 9.674 14477 -14.611 14478 -19.232 14479
-8.4752 14480 -6.3321 14481 -14.607 14482 0.69971 14483 1.474 14484 -9.4841 14485
0.68614 14486 0.66948 14487 -10.289 14488 2.005e-003 14489 0.12982 14490 0.10113
14491 8.5211e-003 14492 1.4101e-002 14493 1.131e-002 14494 -0.38205 14495 -0.12154
14496 1.6714e-003 14497 -0.11627 14498 -6.9675e-003 14499 5.3438e-003 14500 -0.39081
14501 -7.0863e-003 14502 8.1081 14503 -269.71 14504 -275.72 14505 4.2449 14506 5.7525
14507 -21.936 14508 -58.008 14509 5.0574 14510 -274.39 14511 5.5727 14512 -22.709 14513
-56.68 14514 -0.123 14515 -0.43372 14516 -0.16955 14517 -0.50684 14518 2.9178 14519
-0.12312 14520 -6.0247e-002 14521 -1.3817e-002 14522 -6.9264 14523 -7.6496 14524
-55.025 14525 -56.649 14526 -6.4112 14527 35.26 14528 -7.4565 14529 -16.524 14530
-49.043 14531 1.1942 14532 -27.087 14533 0.14887 14534 -11.866 14535 -12.134 14536
-63.506 14537 -59.454 14538 -13.453 14539 58.623 14540 46.111 14541 -1.6902 14542
-40.705 14543 -41.014 14544 61.419 14545 34.933 14546 -40.51 14547 35.128 14548 -306.05
14549 -158.95 14550 -173.01 14551 -245.22 14552 -175.35 14553 -179.73 14554 -186.25
14555 -191.2 14556 -129.16 14557 -133.87 14558 -131.49 14559 -135.87 14560 -152.3 14561
-147.34 14562 -275.25 14563 -121.73 14564 -121.83 14565 -131.98 14566 -220.37 14567
-125.9 14568 -145.36 14569 -143.61 14570 -142.84 14571 -133.44 14572 -163.9 14573
-130.33 14574 -140.48 14575 -143.52 14576 -134.4 14577 -152.11 14578 -156.06 14579
-151.34 14580 23.197 14581 5.7388 14582 21.749 14583 -75.346 14584 -0.33591 14585
-7.1571 14586 -18.875 14587 -18.609 14588 3.491 14589 5.6341 14590 -0.44063 14591

-2.6406 14592 2.0835 14593 80.011 14594 92.935 14595 -36.74 14596 -114.69 14597 4.6382
14598 -28.15 14599 342.17 14600 333.7 14601 238.24 14602 329.31 14603 -41.703 14604
48.959 14605 646.55 14606 547.25 14607 562.36 14608 662.73 14609 143.61 14610 228.75
14611 336.82 14612 406.58 14613 368. 14614 402.61 14615 391.69 14616 113.51 14617
96.879 14618 47.872 14619 46.227 14620 69.042 14621 -124.77 14622 -46.457 14623 -66.286
14624 -7.4422 14625 -92.847 14626 8.6874 14627 21.915 14628 81.365 14629 8.4131 14630
21.631 14631 -56.742 14632 66.488 14633 54.119 14634 -11.412 14635 72.132 14636 76.217
14637 -10.683 14638 -0.81994 14639 44.886 14640 122.24 14641 71.685 14642 61.763 14643
27.144 14644 -42.944 14645 101.81 14646 163.49 14647 90.05 14648 109.73 14649 55.463
14650 15.182 14651 61.291 14652 26.672 14653 18.652 14654 101.34 14655 89.578 14656
84.763 14657 69.975 14658 109.26 14659 82.987 14660 135.67 14661 22.017 14662 -6.5256
14663 116.7 14664 166.61 14665 128.15 14666 101.67 14667 104.34 14668 26.102 14669
14.255 14670 105.75 14671 108.42 14672 10.736 14673 9.226 14674 21.607 14675 -93.972
14676 39.023 14677 4.436 14678 -25.46 14679 -0.69548 14680 -17.932 14681 29.101 14682
22.51 14683 69.627 14684 92.429 14685 -68.883 14686 -136.27 14687 -38.208 14688 -13.28
14689 -66.693 14690 -9.5575 14691 376.8 14692 414.1 14693 257.37 14694 343.1 14695
63.654 14696 17.162 14697 616.1 14698 520.88 14699 535.17 14700 609.35 14701 123.3
14702 96.574 14703 250.35 14704 295.57 14705 242.65 14706 296.56 14707 279.39 14708
65.431 14709 55.674 14710 174.03 14711 71.45 14712 66.177 14713 96.379 14714 -130.49
14715 -22.225 14716 -27.037 14717 12.428 14718 17.94 14719 10.432 14720 21.2 14721
-54.264 14722 4.7007 14723 -0.2433 14724 8.6318 14725 -8.1132 14726 -3.6332 14727
-19.271 14728 -14.309 14729 -5.4338 14730 -216.82 14731 -115.73 14732 -213.95 14733
-313.92 14734 -449.11 14735 -531.2 14736 -442.28 14737 -344.12 14738 -570.03 14739
-639.39 14740 -501.06 14741 -391.85 14742 -207.78 14743 -164.1 14744 -285.44 14745
-412.36 14746 -477.25 14747 -476.54 14748 -541.24 14749 -543.28 14750 -326.51 14751
-583.36 14752 -392.36 14753 -231.13 14754 -113.06 14755 -269.99 14756 -701.58 14757
-632.59 14758 -477.05 14759 -541.74 14760 -411.37 14761 -599.36 14762 -471.03 14763
-193.55 14764 -150.27 14765 -241.74 14766 -163.34 14767 -376.53 14768 -586.6 14769
-534.14 14770 -534.44 14771 -322.64 14772 -511.48 14773 -546.12 14774 -479.58 14775
-99.395 14776 -83.536 14777 -83.845 14778 57.044 14779 18.588 14780 -7.8983 14781
-95.384 14782 -19.746 14783 -136.35 14784 -116.87 14785 -112.82 14786 9.2457 14787
36.114 14788 5.2547 14789 -7.2574 14790 -92.945 14791 -129.2 14792 -130.82 14793 -65.964
14794 -38.915 14795 -81.632 14796 -290.61 14797 -28.367 14798 -60.887 14799 3.9741
14800 -38.931 14801 -11.694 14802 -435.85 14803 -187.18 14804 -271.17 14805 -212.08
14806 -225.23 14807 -194.18 14808 -152.76 14809 -210.71 14810 -236.75 14811 -197.45
14812 -552.2 14813 -257.62 14814 -298.42 14815 -334.49 14816 -263.63 14817 -306.53
14818 -340.5 14819 -279.3 14820 -35.881 14821 -44.129 14822 -46.42 14823 36.592 14824
-21.361 14825 -8.1042 14826 2.7618 14827 -41.876 14828 -59.57 14829 -34.512 14830
-21.255 14831 -47.708 14832 -50.993 14833 -44.522 14834 86.007 14835 31.83 14836 11.3
14837 20.37 14838 31.179 14839 -76.444 14840 -67.973 14841 -66.642 14842 67.923 14843
14.159 14844 -75.993 14845 -18.353 14846 6.1392 14847 -0.34168 14848 -0.27447 14849
-0.44315 14850 -1.1202 14851 -0.63087 14852 -9.7111e-002 14853 -7.8624e-002 14854
-0.26579 14855 -9.727e-002 14856 -0.4535 14857 -0.25139 14858 -0.37097 14859 -0.31946
14860 -0.52566 14861 -0.44115 14862 2.7164 14863 -0.32454 14864 -5.5282e-002 14865
-6.1905e-002 14866 -6.0365e-002 14867 -1.0393e-002 14868 3.5772e-003 14869 7.8576e-004
14870 -0.20997 14871 -0.13207 14872 -8.8529e-003 14873 -3.0457e-003 14874 -1.5476e-002
14875 -1.5903e-002 14876 0.11191 14877 -0.22384 14878 8.4976e-002 14879 -0.24974 14880
2.1134 14881 -8.8448 14882 1.3255 14883 -0.91932 14884 -11.877 14885 -1.892 14886 1.1135
14887 0.83106 14888 -3.889 14889 0.99707 14890 -20.321 14891 -2.5523 14892 -7.5548
14893 -23.987 14894 -1.7354e-002 14895 -1.2892e-002 14896 6.9849e-004 14897 -1.3367e-
002 14898 4.6468e-002 14899 -1.1419e-002 14900 -1.3256e-002 14901 -2.9376e-002 14902
-0.19859 14903 5.2313e-003 14904 -0.1801 14905 -1.1579e-002 14906 -0.1657 14907 460.92
14908 414.34 14909 382.39 14910 391.98 14911 435.34 14912 513.06 14913 448.84 14914
433.85 14915 395.75 14916 426.07 14917 472.92 14918 488.22 14919 427.07 14920 366.47
14921 400.93 14922 567.08 14923 316.82 14924 490.77 14925 492.93 14926 320.95 14927
426.52 14928 504.92 14929 353.39 14930 495.07 14931 463.27 14932 476.92 14933 350.93
14934 495.99 14935 454.35 14936 404.04 14937 541.71 14938 318.04 14939 370.32 14940

452.16 14941 473.85 14942 585.76 14943 400.47 14944 478.18 14945 450.72 14946 405.23
14947 472.1 14948 486.35 14949 449.1 14950 400.65 14951 394.3 14952 321.16 14953
422.91 14954 463.79 14955 526.34 14956 425.85 14957 293.15 14958 212.87 14959 208.35
14960 266.96 14961 307.85 14962 239.61 14963 288.6 14964 259.93 14965 171.09 14966
133.45 14967 229.71 14968 202.35 14969 174.48 14970 222.67 14971 149.41 14972 198.03
14973 136.84 14974 210.37 14975 252.54 14976 182.27 14977 207.8 14978 172.99 14979
289.65 14980 129.97 14981 160.37 14982 178.57 14983 161.86 14984 178.18 14985 184.73
14986 195.63 14987 120.51 14988 249.13 14989 286.91 14990 181.84 14991 215.27 14992
211.77 14993 269.49 14994 159.57 14995 254.84 14996 268.46 14997 248.78 14998 286.21
14999 205.3 15000 368.21 15001 119.18 15002 221.87 15003 202.19 15004 157.99 15005
321.63 15006 257.41 15007 152.65 15008 79.509 15009 284.7 15010 211.96 15011 184.2
15012 164.51 15013 225.46 15014 55.827 15015 39.879 15016 290.99 15017 -151.23 15018
171.93 15019 -1.1896 15020 -85.552 15021 116.84 15022 266.47 15023 257.96 15024 50.113
15025 42.008 15026 217.37 15027 27.029 15028 49.572 15029 286.91 15030 47.97 15031
59.347 15032 240.95 15033 33.017 15034 55.62 15035 248.18 15036 248.74 15037 42.802
15038 39.092 15039 -371.65 15040 -194.08 15041 -180.3 15042 -165.19 15043 -150.17 15044
10.745 15045 -257.09 15046 -258.95 15047 -228.2 15048 22.229 15049 -242.59 15050 -185.7
15051 -170.21 15052 30.227 15053 30.789 15054 -218.13 15055 -175.15 15056 -178.86 15057
407.12 15058 201.18 15059 201.74 15060 198.03 15061 216.24 15062 231.73 15063 -7.6904
15064 217.2 15065 228.58 15066 27.981 15067 146.27 15068 147.87 15069 428.79 15070
36.798 15071 220.95 15072 28.287 15073 212.44 15074 204.33 15075 -231.37 15076 -179.56
15077 -187.66 15078 -160.47 15079 -160.75 15080 -415.91 15081 -232.25 15082 -202.18
15083 -179.64 15084 -287.87 15085 -285.05 15086 -235.26 15087 52.756 15088 55.802 15089
84.016 15090 6.8415 15091 42.018 15092 98.329 15093 -4.8566 15094 33.931 15095 48.783
15096 -1.917 15097 -70.372 15098 -47.18 15099 -50.89 15100 -62.82 15101 -73.354 15102
-67.194 15103 -48.576 15104 -33.083 15105 -81.384 15106 -62.728 15107 -65.74 15108
-50.633 15109 -64.591 15110 -66.603 15111 -52.496 15112 -101.4 15113 -80.303 15114
-74.147 15115 -51.605 15116 -77.478 15117 -74.265 15118 -48.78 15119 -31.469 15120
-29.572 15121 -40.577 15122 -61.679 15123 -60.066 15124 -47.219 15125 -55.324 15126
-35.841 15127 -27.39 15128 -31.1 15129 -21.558 15130 -47.947 15131 -48.947 15132 -33.839
15133 -26.41 15134 -50.23 15135 -53.172 15136 -30.964 15137 -27.687 15138 -22.714 15139
-24.555 15140 -27.007 15141 -46.603 15142 -35.089 15143 -16.47 15144 -33.358 15145
-31.75 15146 -19.972 15147 -29.853 15148 169.92 15149 194.4 15150 224.97 15151 144.06
15152 157.15 15153 170.72 15154 145.97 15155 143.35 15156 120.38 15157 176.79 15158
76.319 15159 90.811 15160 93.856 15161 122.07 15162 99.894 15163 105.93 15164 74.841
15165 80.879 15166 89.332 15167 117.55 15168 130.9 15169 179.5 15170 127.07 15171
156.88 15172 187.69 15173 124.15 15174 142.35 15175 89.915 15176 166.89 15177 172.74
15178 172.35 15179 120.31 15180 129.5 15181 -39.178 15182 1.2649 15183 -15.621 15184
-31.258 15185 -17.421 15186 -0.37346 15187 -21.816 15188 -12.941 15189 -19.443 15190
10.175 15191 27.591 15192 7.9882 15193 -6.9957 15194 21. 15195 23.332 15196 -6.1051
15197 -18.15 15198 -2.174 15199 3.7628 15200 84.743 15201 194.51 15202 141.4 15203
79.318 15204 -15.705 15205 -19.454 15206 -8.1968 15207 256.9 15208 -214.53 15209 16.016
15210 411.12 15211 480.87 15212 -96.46 15213 -27.476 15214 354.22 15215 390.07 15216
-95.97 15217 -33.896 15218 -73.969 15219 61.909 15220 74.598 15221 -119.12 15222 -47.798
15223 -165.61 15224 28.945 15225 35.439 15226 -47.468 15227 -43.746 15228 61.925 15229
38.994 15230 -20.982 15231 -8.0733 15232 91.22 15233 -14.488 15234 -10.766 15235 127.16
15236 206.98 15237 174.32 15238 -52.546 15239 50.908 15240 82.189 15241 166.32 15242
236.06 15243 -272.28 15244 399.94 15245 404.37 15246 -108.41 15247 363.78 15248 -107.64
15249 -38.659 15250 331.23 15251 355.26 15252 75.822 15253 294.15 15254 306.84 15255
66.628 15256 340.17 15257 297.53 15258 18.089 15259 -47.949 15260 119.38 15261 -16.615
15262 9.6745 15263 12.035 15264 5.3852 15265 -24.511 15266 5.5603 15267 82.172 15268
49.512 15269 -73.903 15270 -34.438 15271 77.046 15272 113.79 15273 60.685 15274 -1.3995
15275 0.47295 15276 -100.17 15277 -109.93 15278 203.97 15279 186.81 15280 -27.151
15281 -36.908 15282 -213.55 15283 17. 15284 442.69 15285 -43.358 15286 18.717 15287
-7.5021 15288 170.45 15289 9.591 15290 137.43 15291 15.035 15292 -102.78 15293 235.84
15294 -43.601 15295 -90.093 15296 72.675 15297 85.38 15298 0.97246 15299 -70.695 15300
-39.414 15301 149.29 15302 126.96 15303 -22.636 15304 24.492 15305 5.9169 15306 37.197

15307 42.12 15308 55.26 15309 -32.255 15310 24.893 15311 19.62 15312 -34.129 15313
-21.862 15314 41.543 15315 71.745 15316 -12.205 15317 -17.479 15318 -5.2119 15319
-26.743 15320 12.723 15321 -24.185 15322 21.521 15323 -13.967 15324 -22.242 15325
-1.1037 15326 31.384 15327 4.1858 15328 -17.899 15329 -20.099 15330 -24.72 15331 -15.375
15332 26.425 15333 44.602 15334 -20.929 15335 69.005 15336 179.08 15337 75.124 15338
47.34 15339 47.26 15340 -56.601 15341 -99.104 15342 259.76 15343 31.443 15344 -29.341
15345 -158.83 15346 381.73 15347 439.78 15348 48.109 15349 -57.746 15350 351.48 15351
382.8 15352 -125.74 15353 -73.577 15354 -136.33 15355 -85.259 15356 59.018 15357 75.356
15358 -113.92 15359 -65.169 15360 27.525 15361 31.47 15362 -43.902 15363 55.561 15364
35.905 15365 -19.812 15366 -4.4519 15367 72.43 15368 -15.866 15369 75.089 15370 130.1
15371 114.2 15372 -79.609 15373 37.717 15374 -47.687 15375 29.86 15376 150.25 15377
208.3 15378 -183.37 15379 355.59 15380 397.91 15381 -36.076 15382 334.71 15383 21.977
15384 -83.878 15385 317.17 15386 341.02 15387 -29.994 15388 225.14 15389 241.47 15390
52.194 15391 358.05 15392 304.31 15393 -66.702 15394 -67.002 15395 99.349 15396 -2.942
15397 -24.838 15398 -35.731 15399 -8.7102 15400 -20.162 15401 4.0708 15402 63.152 15403
47.252 15404 -10.695 15405 -29.232 15406 -37.09 15407 100.18 15408 123.87 15409 19.919
15410 -7.8647 15411 -154.31 15412 221.17 15413 210.25 15414 -67.927 15415 27.465 15416
-33.32 15417 -162.81 15418 466.96 15419 -41.574 15420 10.587 15421 -52.166 15422 -20.845
15423 129.99 15424 -44.238 15425 129.68 15426 -59.6 15427 -10.844 15428 237.09 15429
-43.263 15430 51.138 15431 59.084 15432 -14.763 15433 -41.158 15434 110.22 15435 64.156
15436 9.9773 15437 17.923 15438 -42.854 15439 47.808 15440 -1.7457 15441 21.614 15442
19.968 15443 -33.701 15444 -17.571 15445 42.38 15446 65.195 15447 -11.289 15448 4.8405
15449 3.1952 15450 -6.6188 15451 9.8809 15452 -248.8 15453 -287.73 15454 -274.56 15455
-253.61 15456 -302.08 15457 -214.15 15458 -367.54 15459 -269.46 15460 -222.33 15461
-222.94 15462 -257.28 15463 -261.36 15464 -242.77 15465 -269.33 15466 -305.18 15467
-167.8 15468 -346.97 15469 -177.61 15470 -251.94 15471 -117.49 15472 -196.19 15473
-256.53 15474 -124.84 15475 -249.68 15476 -171.87 15477 -132.62 15478 -117.52 15479
-165.41 15480 -117.26 15481 -275.99 15482 -124.84 15483 -210.95 15484 -265.65 15485
-144.44 15486 -153. 15487 -206.41 15488 -149.28 15489 -110.19 15490 -140.09 15491
-150.47 15492 -278.34 15493 -333.03 15494 -245.31 15495 -273.8 15496 -331.43 15497
-274.14 15498 -334.48 15499 -327.62 15500 -386.14 15501 -243.35 15502 -100.75 15503
-139.68 15504 -28.621 15505 -68.332 15506 -92.858 15507 -127.19 15508 -60.683 15509
-13.903 15510 -179.46 15511 -70.667 15512 -166.29 15513 -68.4 15514 -105.88 15515
-81.569 15516 -93.614 15517 -178.97 15518 -183.05 15519 -21.403 15520 -65.678 15521
-89.489 15522 -99.303 15523 -268. 15524 -217.38 15525 -321.45 15526 -146.79 15527
-100.01 15528 -302.99 15529 -205.22 15530 -107.33 15531 -147.04 15532 -271.87 15533
-298.2 15534 169.5 15535 298.6 15536 167.34 15537 288.54 15538 262.73 15539 339.57
15540 190.54 15541 41.146 15542 139.3 15543 303.63 15544 425.44 15545 140.1 15546
33.573 15547 340.71 15548 50.021 15549 205.54 15550 217.27 15551 247.72 15552 190.18
15553 180.24 15554 232.56 15555 299.27 15556 36.811 15557 239.2 15558 420.48 15559
235.05 15560 302.62 15561 228.46 15562 194.47 15563 382.39 15564 56.483 15565 40.022
15566 249.33 15567 337.08 15568 36.137 15569 222.99 15570 260.77 15571 239.48 15572
262.93 15573 166.88 15574 166.23 15575 266.05 15576 170.42 15577 293.2 15578 211.44
15579 331.58 15580 258.27 15581 513.29 15582 409.29 15583 505.25 15584 350.64 15585
581.77 15586 343.14 15587 403.21 15588 449. 15589 365.3 15590 -12.222 15591 289.63
15592 281.59 15593 120.58 15594 90.57 15595 -58.824 15596 -85.907 15597 203.66 15598
225.34 15599 141.63 15600 26.159 15601 -100.76 15602 -167.66 15603 59.88 15604 -100.97
15605 196.09 15606 -287.14 15607 -94.596 15608 35.618 15609 206.17 15610 -277.06 15611
-84.518 15612 -94.772 15613 45.697 15614 -266.64 15615 39.508 15616 176.2 15617 114.53
15618 317.88 15619 538.58 15620 245.28 15621 286.07 15622 168.43 15623 297.8 15624
329.07 15625 454.56 15626 627.9 15627 429.08 15628 342.76 15629 583. 15630 432.2 15631
336.57 15632 19.374 15633 215.79 15634 210.55 15635 182.67 15636 278.34 15637 188.48
15638 105.23 15639 217.92 15640 180.02 15641 -1.2725e-002 15642 -0.18193 15643
-1.3416e-002 15644 -0.16753 15645 0.22743 15646 0.17079 15647 0.22077 15648 0.45095
15649 0.33679 15650 -20.981 15651 -5.0247e-003 15652 0.22515 15653 2.6489e-002 15654
0.111 15655 -5.2989e-003 15656 -8.3703e-004 15657 2.6215e-002 15658 5.8523e-002 15659
-6.1663e-002 15660 -4.3611e-002 15661 -4.8317 15662 5.4359e-002 15663 -7.2202e-003

15664 0.10434 15665 5.214e-002 15666 -1.5802e-002 15667 -4.8055e-002 15668 -0.19805
15669 -3.5011e-002 15670 -3.2329e-003 15671 5.6602e-002 15672 -52.415 15673 -27.356
15674 -66.191 15675 -9.8821 15676 14.61 15677 -35.993 15678 -2.1942 15679 35.37 15680
-34.084 15681 -36.375 15682 5.2094 15683 -1.7665 15684 -2.3874 15685 35.176 15686
12.806 15687 -29.162 15688 -1.8337 15689 26.661 15690 -66.447 15691 16.376 15692 4.916
15693 -67.63 15694 -63.261 15695 -7.4387 15696 1.6309 15697 -67.818 15698 3.7333 15699
-18.637 15700 -45.051 15701 -20.928 15702 -60.825 15703 -5.0025 15704 15.941 15705
-0.96788 15706 8.1327e-003 15707 -0.12472 15708 -1.5059e-003 15709 0.84957 15710
-9.5144 15711 0.65591 15712 2.5253e-003 15713 0.12752 15714 9.8833e-002 15715 -0.13033
15716 0.10059 15717 -0.12751 15718 0.22665 15719 6.167e-002 15720 0.2284 15721 -66.246
15722 -44.29 15723 -17.054 15724 -79.833 15725 -3.887 15726 -52.701 15727 -2.6482 15728
56.915 15729 -48.143 15730 0.47099 15731 1.9786 15732 -2.5009 15733 42.142 15734
-48.917 15735 -2.9153 15736 61.563 15737 69.16 15738 -123.81 15739 2.3064 15740 -14.197
15741 -99.93 15742 -100.29 15743 5.2763 15744 -97.142 15745 -5.2333 15746 9.6871 15747
-6.8567 15748 -49.573 15749 -88.19 15750 22.291 15751 -4.1955 15752 14.242 15753 21.84
15754 9.3273 15755 13.222 15756 15.792 15757 118.14 15758 98.465 15759 54.259 15760
92.467 15761 153.68 15762 5.5031 15763 13.567 15764 118.51 15765 107.26 15766 52.034
15767 90.242 15768 100.22 15769 113.01 15770 101.76 15771 104.71 15772 121.08 15773
123.4 15774 92.812 15775 102.79 15776 13.81 15777 134.55 15778 9.4976 15779 8.7022
15780 162.54 15781 120.9 15782 95.838 15783 112.92 15784 153.77 15785 80.228 15786
123.69 15787 117.99 15788 10.261 15789 11.145 15790 176.66 15791 178.82 15792 6.8348
15793 12.274 15794 18.7 15795 146.44 15796 184.21 15797 79.14 15798 109.07 15799
84.687 15800 73.598 15801 65.407 15802 103.53 15803 147.32 15804 185.1 15805 187.25
15806 109.96 15807 14.923 15808 7.1219 15809 105.69 15810 147.86 15811 77.592 15812
156.49 15813 103.13 15814 108.29 15815 184.97 15816 -4.9629 15817 -1.3185 15818 85.887
15819 91.051 15820 150.7 15821 84.544 15822 131.45 15823 83.25 15824 -120.89 15825
-376.14 15826 -201.49 15827 -263.46 15828 -321.09 15829 -360.59 15830 -207.52 15831
142.42 15832 0.31417 15833 163.19 15834 69.15 15835 64.335 15836 49.547 15837 88.827
15838 34.563 15839 -5.7179 15840 116.44 15841 224.71 15842 211.77 15843 100.9 15844
204.1 15845 129.4 15846 149.27 15847 150.34 15848 14.955 15849 124.27 15850 20.998
15851 14.026 15852 14.937 15853 19.021 15854 61.778 15855 12.523 15856 8.3902e-002
15857 7.0105 15858 3.1189 15859 0.50937 15860 -2.8062e-002 15861 0.49591 15862
0.94877 15863 0.48185 15864 0.42976 15865 0.54168 15866 -96.428 15867 2.2354 15868
1.4668 15869 -5.1757 15870 -0.45374 15871 -21.608 15872 -11.702 15873 -16.646 15874
-7.7707 15875 -327.65 15876 -94.161 15877 -258.71 15878 -219.58 15879 -131.64 15880
-285.03 15881 -107.33 15882 -119.37 15883 -59.815 15884 -325.53 15885 -104.09 15886
-202.87 15887 -144.03 15888 -265.28 15889 -307.07 15890 -137.72 15891 145.59 15892
57.552 15893 192.83 15894 151.73 15895 113.28 15896 86.789 15897 89.458 15898 23.927
15899 105.88 15900 236.59 15901 161. 15902 92.555 15903 185.14 15904 168.62 15905
195.49 15906 157.03 15907 109.08 15908 147.2 15909 11.648 15910 77.538 15911 13.892
15912 13.573 15913 10.82 15914 13.153 15915 25.621 15916 11.087 15917 14.244 15918
7.9119 15919 3.1184 15920 6.9633 15921 0.22903 15922 2.3795 15923 0.5361 15924 0.31355
15925 0.37112 15926 0.5179 15927 0.53785 15928 14.001 15929 -30.369 15930 -2.7615
15931 -6.7121 15932 -1.9879 15933 7.4088 15934 -23.052 15935 -401.15 15936 -207.38
15937 -332.21 15938 -254.4 15939 -353.8 15940 -390.72 15941 -200.06 15942 -237.05 15943
-247.94 15944 -263.57 15945 -394.3 15946 -270.69 15947 -280.95 15948 -420.62 15949
-452.81 15950 -471.89 15951 -254.94 15952 -208.16 15953 -369.35 15954 -436.14 15955
-335.47 15956 -411.14 15957 82.596 15958 -33.503 15959 -86.315 15960 232.54 15961
129.38 15962 264.66 15963 213.2 15964 224.87 15965 171.11 15966 116.32 15967 251.72
15968 176.12 15969 200.26 15970 211.93 15971 114.35 15972 157.1 15973 9.162 15974
72.854 15975 9.208 15976 6.015 15977 6.9918 15978 8.4691 15979 11.076 15980 4.5018
15981 5.3165 15982 9.1614 15983 2.1235 15984 2.6474 15985 2.5813 15986 2.716 15987
8.3927 15988 -35.978 15989 -160.81 15990 148.56 15991 208.25 15992 232.38 15993 242.74
15994 69.008 15995 156.79 15996 68.269 15997 70.877 15998 80.737 15999 9.2074 16000
2.1695 16001 4.6236 16002 2.762 16003 -31.318 16004 6.4602 16005 6.607 16006 -200.52
16007 -68.371 16008 -351.68 16009 -383.87 16010 -19.478 16011 -16.87 16012 -7.0098 16013
-57.453 16014 -25.602 16015 -18.386 16016 3.2171 16017 -24.471 16018 43.381 16019

-26.572 16020 -60.543 16021 0.66411 16022 -29.611 16023 -48.067 16024 -133.47 16025
-169.31 16026 -175.97 16027 -55.924 16028 1.9717 16029 0.24522 16030 16.773 16031
-22.964 16032 44.888 16033 5.3963 16034 -0.52087 16035 -0.51426 16036 2.6433 16037
-0.39766 16038 71.832 16039 60.244 16040 12.293 16041 67.841 16042 40.409 16043 50.406
16044 55.329 16045 6.0839 16046 -3.4664 16047 -29.504 16048 20.657 16049 -0.41499
16050 -1.513 16051 4.1037 16052 -36.479 16053 36.051 16054 46.86 16055 13.681 16056
-2.3944 16057 5.6698e-002 16058 -2.6066e-003 16059 0.4961 16060 -0.15261 16061
2.9172e-002 16062 -0.82963 16063 -1.9174 16064 -0.34032 16065 -0.1382 16066 8.9006e-
002 16067 0.25001 16068 0.33452 16069 0.17039 16070 -20.983 16071 -4.9515 16072
-126.96 16073 -105.6 16074 -94.339 16075 -47.211 16076 -125.09 16077 -103.72 16078
-241.81 16079 -113.48 16080 0.13585 16081 2.3819e-002 16082 -2.827e-002 16083 8.3653e-
002 16084 26.36 16085 35.43 16086 46.239 16087 -0.49955 16088 -0.71985 16089 -4.6689e-
002 16090 1.4306 16091 -0.43098 16092 -4.7637 16093 0.47728 16094 -0.17142 16095
0.12239 16096 1.0358e-002 16097 -4.1732e-002 16098 7.0192e-002 16099 1.7343 16100
-0.33827 16101 -0.33166 16102 -0.21505 16103 -0.1273 16104 -0.10735 16105 -4.6657 16106
-4.8298 16107 -25.984 16108 164.41 16109 192.6 16110 191.28 16111 138.42 16112 105.94
16113 95.013 16114 104.87 16115 137.77 16116 174.77 16117 89.428 16118 88.36 16119
143.91 16120 126.47 16121 131.4 16122 150.09 16123 129.56 16124 149.44 16125 150.51
16126 163.18 16127 170.78 16128 153.34 16129 52.507 16130 37.961 16131 11.924 16132
84.454 16133 95.263 16134 51.218 16135 62.084 16136 29.888 16137 -9.848 16138 58.004
16139 -45.92 16140 15.287 16141 72.924 16142 9.1109 16143 -88.403 16144 -92.847 16145
-157.03 16146 65.9 16147 -27.518 16148 119.55 16149 62.009 16150 52.066 16151 53.466
16152 -91.359 16153 45.877 16154 -279.34 16155 492.73 16156 214.04 16157 197.76 16158
244.61 16159 275.06 16160 178.48 16161 259.91 16162 447.83 16163 481.26 16164 534.91
16165 467.43 16166 707.67 16167 556.88 16168 461.24 16169 201.16 16170 238.59 16171
211.5 16172 202.96 16173 195.16 16174 293.32 16175 320.59 16176 260.52 16177 256.38
16178 372.44 16179 -5.5874 16180 -69.773 16181 185.59 16182 163.52 16183 59.742 16184
149.27 16185 140.73 16186 80.264 16187 231.08 16188 -4.0992 16189 198.29 16190 178.92
16191 188.34 16192 225.77 16193 170.45 16194 256.22 16195 190.14 16196 167.83 16197
159.64 16198 144.86 16199 201.27 16200 197.76 16201 461.66 16202 529.45 16203 356.33
16204 507.16 16205 474.36 16206 -16.727 16207 55.646 16208 32.087 16209 -37.772 16210
-44.76 16211 31.432 16212 -270.52 16213 -201.7 16214 35.623 16215 -431.47 16216 -471.55
16217 -221.98 16218 -200.62 16219 -189.36 16220 -615.99 16221 -454.43 16222 233. 16223
312.83 16224 291.55 16225 314.99 16226 242.5 16227 218.94 16228 218.29 16229 241.19
16230 318.12 16231 237.69 16232 501.68 16233 340.67 16234 386.88 16235 310.66 16236
437.54 16237 578.2 16238 361.73 16239 -456.16 16240 -513.77 16241 -385.44 16242 -171.73
16243 83.628 16244 55.748 16245 -236.43 16246 32.042 16247 51.206 16248 61.561 16249
-42.216 16250 -21.694 16251 -174.45 16252 -278.54 16253 53.095 16254 -283.81 16255
-303.36 16256 -343.43 16257 -317.9 16258 209.49 16259 151.55 16260 143.36 16261 224.79
16262 165.14 16263 218.91 16264 163.6 16265 206.07 16266 183.28 16267 137.28 16268
175.48 16269 138. 16270 185.46 16271 -198.63 16272 -110.69 16273 -166.01 16274 -118.88
16275 185.08 16276 221.39 16277 151.12 16278 230.02 16279 184.69 16280 132.65 16281
221.64 16282 177.38 16283 162.47 16284 194.59 16285 141.84 16286 407.32 16287 114.02
16288 237.44 16289 120.37 16290 44.158 16291 88.406 16292 -60.989 16293 37.17 16294
166.54 16295 323.3 16296 -119.77 16297 214.77 16298 255.65 16299 250.41 16300 318.2
16301 228.34 16302 217.71 16303 207.73 16304 249.49 16305 174.23 16306 190.55 16307
213.07 16308 138.51 16309 176.89 16310 183.24 16311 211.99 16312 168.33 16313 199.14
16314 -120.96 16315 -238.78 16316 -175.74 16317 -118.6 16318 -233.37 16319 -212.49 16320
329.32 16321 352.77 16322 214.25 16323 295.38 16324 262.26 16325 335.41 16326 276.13
16327 476.08 16328 237.44 16329 297.51 16330 131.69 16331 232.77 16332 235.43 16333
276.23 16334 270.54 16335 287.96 16336 319.23 16337 -466.63 16338 -414.17 16339 -323.2
16340 -391.21 16341 -274.45 16342 -93.673 16343 -84.486 16344 -94.871 16345 -477.22
16346 -391.51 16347 -426.15 16348 -274.75 16349 -301.27 16350 272.19 16351 226.85 16352
243.94 16353 378.6 16354 263.8 16355 259.77 16356 219.55 16357 187.58 16358 300.66
16359 -32.362 16360 -20.847 16361 39.807 16362 36.659 16363 -9.1538 16364 -14.995 16365
26.022 16366 40.874 16367 -9.8253 16368 -2.6498 16369 173.83 16370 196.36 16371 200.97
16372 195.28 16373 -488.9 16374 -300.54 16375 -183.79 16376 -194.68 16377 201.92 16378

193.53 16379 166.49 16380 244.19 16381 113.74 16382 184.91 16383 139.42 16384 40.467
16385 265.96 16386 281.8 16387 322.69 16388 227.45 16389 387.23 16390 272.43 16391
232.62 16392 309.3 16393 330.98 16394 207.24 16395 212.68 16396 223.07 16397 182.85
16398 244.4 16399 206.46 16400 196.48 16401 -282.93 16402 -254.97 16403 -261.63 16404
-321.76 16405 -391.13 16406 -130.49 16407 -115.4 16408 -152.39 16409 -163.28 16410
179.25 16411 255.93 16412 277.62 16413 -30.795 16414 -21.45 16415 -42.513 16416 -324.9
16417 -364.39 16418 229.76 16419 240.16 16420 281.05 16421 199.02 16422 245.59 16423
322.44 16424 205.37 16425 234.12 16426 251.54 16427 -133.55 16428 -176.05 16429 -147.09
16430 -261.85 16431 -148.28 16432 274.26 16433 228.77 16434 235.56 16435 295.64 16436
-125.45 16437 -210.85 16438 -246.69 16439 -109.32 16440 -119.13 16441 -152.01 16442
-187.85 16443 -50.474 16444 -74.461 16445 -60.288 16446 -0.21726 16447 -3.5486e-002
16448 2.4349e-002 16449 2.4075 16450 5.0148 16451 0.28144 16452 0.46322 16453
-0.39559 16454 -3.7173 16455 -1.4833 16456 6.4921 16457 16.353 16458 1.8188 16459
-2.2399 16460 4.9763 16461 2.0232 16462 -24.423 16463 -10.302 16464 -32.995 16465 -23.65
16466 18.96 16467 -31.484 16468 51.856 16469 0.3674 16470 18.677 16471 2.6013 16472
37.785 16473 22.801 16474 50.797 16475 -3.1202e-002 16476 -2.4595e-002 16477 3.298e-
002 16478 0.19971 16479 63.924 16480 74.733 16481 75.799 16482 -47.017 16483 -42.467
16484 -24.809 16485 -30.65 16486 -21.532 16487 -30.688 16488 -76.146 16489 -113.13 16490
-124.03 16491 -75.879 16492 -12.649 16493 -8.2545 16494 -30.98 16495 -29.948 16496
32.491 16497 -19.163 16498 1.8251 16499 -16.359 16500 -6.8176 16501 -50.959 16502
-35.852 16503 -27.751 16504 -33.592 16505 -24.474 16506 -28.423 16507 -40.444 16508
-36.852 16509 -34.592 16510 -21.826 16511 -29.422 16512 98.237 16513 132.32 16514
114.88 16515 -28.271 16516 -49.334 16517 -49.068 16518 32.97 16519 72.25 16520 45.981
16521 -0.18549 16522 -1.0443 16523 -0.55498 16524 -0.35286 16525 -16.776 16526 -34.075
16527 6.5451 16528 -29.142 16529 -23.29 16530 53.649 16531 -10.524 16532 30.055 16533
-46.03 16534 -6.7354 16535 4.1307 16536 -10.916 16537 56.936 16538 17.444 16539 71.857
16540 -21.496 16541 -16.563 16542 -10.711 16543 -7.9074 16544 17.548 16545 1.6342 16546
-18.134 16547 -17.102 16548 -3.5131 16549 -39.827 16550 -29.042 16551 -8.054 16552
-29.08 16553 1.8246 16554 -28.01 16555 48.928 16556 25.335 16557 12.61 16558 65.955
16559 12.066 16560 56.075 16561 -23.077 16562 -10.311 16563 5.1821 16564 -10.732 16565
74.42 16566 -0.18434 16567 -19.485 16568 -10.367 16569 122.48 16570 127.41 16571
-40.216 16572 -21.907 16573 -37.982 16574 83.803 16575 50.624 16576 17.2 16577 -86.724
16578 -22.292 16579 -25.517 16580 42.335 16581 99.973 16582 5.6238e-002 16583 -21.098
16584 0.16816 16585 -88.825 16586 -27.617 16587 -273.25 16588 -279.92 16589 -159.87
16590 -367.35 16591 -276.1 16592 -403.85 16593 -473.21 16594 -401.42 16595 -334.88
16596 120.59 16597 89.23 16598 43.418 16599 119.04 16600 78.594 16601 58.564 16602
98.416 16603 93.446 16604 217.05 16605 252.16 16606 347.84 16607 247.62 16608 257.98
16609 325.32 16610 247.34 16611 266.04 16612 237.37 16613 287.42 16614 579.55 16615
379.28 16616 508.65 16617 665.42 16618 -225.73 16619 -159.16 16620 -312.55 16621
-214.48 16622 -363.82 16623 147.26 16624 106.81 16625 179.38 16626 189.74 16627 126.63
16628 121.66 16629 197.8 16630 169.13 16631 286.79 16632 229.25 16633 220.71 16634
271.64 16635 175.43 16636 338.35 16637 -300.61 16638 -85.88 16639 -170.24 16640 -358.23
16641 40.27 16642 34.429 16643 115.9 16644 55.417 16645 95.268 16646 90.298 16647
46.774 16648 -193.11 16649 -342.45 16650 -214.13 16651 358.05 16652 182.94 16653
-475.55 16654 -403.76 16655 -315.76 16656 -375.89 16657 -350.89 16658 5.6127e-002 16659
-0.25375 16660 -0.13715 16661 -2.9446e-002 16662 186.39 16663 177.83 16664 116.53
16665 263.6 16666 196.11 16667 197.51 16668 185.73 16669 208.64 16670 285.56 16671
205.14 16672 189.93 16673 342.59 16674 252.73 16675 169.48 16676 320.3 16677 195.34
16678 214.5 16679 224.85 16680 292.2 16681 432.86 16682 254.3 16683 216.39 16684
378.85 16685 302.63 16686 339.03 16687 415.71 16688 437.4 16689 -407.42 16690 -422.92
16691 217.84 16692 190.79 16693 97.371 16694 141.62 16695 -7.7758 16696 268.49 16697
-34.859 16698 409.15 16699 192.68 16700 219.79 16701 237. 16702 143.58 16703 187.83
16704 314.7 16705 320.53 16706 309.89 16707 237.27 16708 -58.96 16709 286.25 16710
169.19 16711 197.94 16712 154.27 16713 92.972 16714 85.984 16715 215.35 16716 162.18
16717 185.08 16718 238.73 16719 287.42 16720 332.83 16721 215.76 16722 183.8 16723
296.88 16724 3.1983 16725 31.194 16726 -11.384 16727 29.634 16728 9.6041 16729 -6.2141
16730 -11.422 16731 3.7629 16732 -8.1073 16733 -4.4589 16734 -12.055 16735 -17.263

16736 -4.8798 16737 61.433 16738 292.61 16739 260.64 16740 338.78 16741 495.54 16742
160.62 16743 192.75 16744 99.327 16745 143.57 16746 250.46 16747 281.73 16748 177.83
16749 188.19 16750 84.411 16751 231.48 16752 165.39 16753 125.08 16754 120.11 16755
176.52 16756 173.02 16757 79.661 16758 28.962 16759 220.31 16760 116.54 16761 287.66
16762 157.21 16763 228.38 16764 126.89 16765 207.87 16766 200.08 16767 298.23 16768
210.06 16769 67.36 16770 -82.034 16771 104.1 16772 -109.12 16773 -37.786 16774 224.69
16775 259.7 16776 249.76 16777 251.16 16778 220.66 16779 490.01 16780 339.21 16781
258.78 16782 -89.022 16783 -314.93 16784 -214.26 16785 -245.96 16786 193.62 16787
311.26 16788 48.799 16789 251.19 16790 247.04 16791 422.53 16792 176.09 16793 177.28
16794 275.44 16795 242.64 16796 217.47 16797 278.41 16798 131.28 16799 141.26 16800
132.27 16801 173.9 16802 170.4 16803 138.51 16804 295.27 16805 -147.81 16806 267.64
16807 179.47 16808 -21.262 16809 4.0378e-003 16810 -37.454 16811 -28.579 16812 2.9104
16813 -0.13054 16814 -2.2839e-002 16815 3.7246 16816 113.06 16817 -5.043 16818 -2.8091
16819 -1.232 16820 -409.47 16821 -91.149 16822 -41.682 16823 -52.067 16824 -342.01
16825 -417.68 16826 306.07 16827 506.02 16828 161.63 16829 162.2 16830 -44.158 16831
-6.1307 16832 175.63 16833 299.15 16834 261.35 16835 165.71 16836 50.989 16837 -20.206
16838 182.18 16839 -429.27 16840 -317.01 16841 -13.805 16842 -424.01 16843 -134.73
16844 11.558 16845 -27.548 16846 -34.649 16847 -18.673 16848 282.78 16849 201.3 16850
208.1 16851 268.18 16852 102.35 16853 333. 16854 359.46 16855 -39.989 16856 -358.98
16857 1.4786e-002 16858 3.4736e-002 16859 356.13 16860 -61.588 16861 23.8 16862 408.05
16863 468.12 16864 430.21 16865 97.819 16866 -292.55 16867 296.06 16868 230.97 16869
203.83 16870 -405.47 16871 -251.79 16872 -262.68 16873 -278.31 16874 -371.29 16875 3.027
16876 -0.54057 16877 -81.963 16878 280.75 16879 265.54 16880 -23.617 16881 56.862
16882 0.18152 16883 229.48 16884 -299.6 16885 -30.718 16886 -60.786 16887 -352.21 16888
251.65 16889 -145.92 16890 -161.55 16891 -5.0993e-005 16892 -1.102e-004 16893 2.3352e-
003 16894 1.9912e-002 16895 2.077 16896 1.2724 16897 0.85581 16898 -4.9946e-003 16899
-9.923e-005 16900 -5.8277e-008 16901 -2.7903e-004 16902 -1.0901e-004 16903 -2.939e-005
16904 -4.4604e-006 16905 -1.4272e-006 16906 1.1832e-007 16907 -1.8622e-009 16908
-1.1971e-008 16909 -1.0265e-007 16910 -5.3131e-008 16911 -2.6689e-008 16912 1.8451e-
008 16913 9.3784e-008 16914 -6.9593e-006 16915 -49.466 16916 3.4429e-002 16917
-1.6744e-005 16918 -30.482 16919 2.2367e-002 16920 4.3098e-008 16921 -5.1401e-007
16922 -4.5879e-007 16923 3.534e-008 16924 2.5505e-008 16925 -2.201e-010 16926 7.8847e-
002 16927 5.6497e-007 16928 -5.2239e-004 16929 -6.0602e-008 16930 -59.776 16931
1.703e-004 16932 6.2919 16933 -8.186 16934 -101.12 16935 -130.75 16936 -26.076 16937
-20.507 16938 -29.453 16939 -48.006 16940 -74.181 16941 0.4419 16942 -31.099 16943
-28.058 16944 -5.0068e-007 16945 -7.4576e-007 16946 3.6792e-010 16947 -3.6601e-010
16948 1.8227e-003 16949 0.98899 16950 -39.301 16951 -6.5603 16952 0.25762 16953
-8.7259 16954 -48.39 16955 -1.7375 16956 1.0269e-002 16957 2.9802e-008 16958 -2.5211
16959 5.8863e-002 16960 2.5591 16961 -4.4551 16962 -1.7367 16963 -3.1702e-004 16964
-4.9927e-003 16965 -1.8879e-002 16966 -10.043 16967 0.28797 16968 -1.4795e-002 16969
-0.76499 16970 -27.168 16971 -1.4045e-002 16972 1.9246e-007 16973 -2.4365e-008 16974
6.398e-008 16975 1.8057e-007 16976 -4.1229e-004 16977 1.433 16978 -49.975 16979 2.3438
16980 2.4071e-003 16981 0.56202 16982 19.117 16983 -0.37649 16984 7.4928e-002 16985
-5.552 16986 6.542 16987 -4.7615e-002 16988 0.33154 16989 -1.3738 16990 1.8942e-002
16991 -3.6977e-003 16992 -2.3774e-003 16993 -5.3465e-002 16994 1.5392 16995 -0.27929
16996 -6.4741e-003 16997 -1.6359e-002 16998 -2.0529 16999 -0.11023 17000 -7.5473e-003
17001 8.5704e-002 17002 -0.34971 17003 0.67372 17004 0.122 17005 0.13565 17006 -36.077
17007 -109.28 17008 -8.774 17009 -10.639 17010 -172.94 17011 -12.153 17012 4.8919e-004
17013 2.0179e-002 17014 2.4134e-002 17015 8.1362e-003 17016 -3.0657e-004 17017
-2.1623e-004 17018 -1.9185e-007 17019 7.1498e-008 17020 6.0885e-007 17021 6.5762e-007
17022 7.1461e-007 17023 7.8595e-008 17024 -2.759e-007 17025 -2.0952e-004 17026
-2.3804e-005 17027 -2.7191e-006 17028 1.1342e-002 17029 -1.8447e-003 17030 -1.5534e-
006 17031 -9.2472e-005 17032 -1.4865e-005 17033 -9.7594e-005 17034 -1.5387e-004 17035
9.5052e-004 17036 9.1251e-009 17037 2.0311e-006 17038 2.3416e-006 17039 1.8351e-006
17040 -1.0707e-007 17041 -8.0712e-005 17042 -1.304e-005 17043 9.4642e-004 17044
1.311e-003 17045 -3.4436e-005 17046 -4.1414e-006 17047 2.3452e-006 17048 1.0505e-004
17049 5.1774e-005 17050 3.2363e-004 17051 -1.4856e-007 17052 7.157e-006 17053

1.1024e-006 17054 -5.1681e-006 17055 2.8817e-004 17056 5.1053e-005 17057 2.3989e-006
17058 2.1606e-005 17059 6.8721e-006 17060 1.4023e-004 17061 2.0176e-005 17062
1.0378e-004 17063 1.3568e-004 17064 3.1297e-005 17065 1.2036e-005 17066 4.7344e-005
17067 -3.218e-006 17068 -3.1443e-011 17069 3.5299e-002 17070 -5.5024e-012 17071
2.8873e-006 17072 -9.6987e-002 17073 1.0416e-005 17074 2.5461e-002 17075 -6.0698e-002
17076 2.8613e-010 17077 0.14899 17078 4.8858e-003 17079 -7.6937e-003 17080 1.1037e-
002 17081 1.9353e-004 17082 8.3844e-005 17083 -8.4223e-008 17084 -2.773e-005 17085
-2.5393e-004 17086 -5.7905e-005 17087 0.16758 17088 4.8822e-005 17089 2.4818e-002
17090 -1.2395e-003 17091 4.616e-003 17092 -2.802e-004 17093 3.3813e-002 17094
-8.7522e-006 17095 6.6422e-010 17096 -3.2559e-004 17097 -3.3118e-003 17098 -0.18517
17099 0.58448 17100 -4.402e-011 17101 1.3239e-006 17102 3.2089e-006 17103 -6.439e-004
17104 2.8823e-003 17105 3.6036e-003 17106 -6.7225e-003 17107 3.8976e-010 17108
2.9205e-004 17109 -3.6894e-004 17110 2.5109 17111 -9.9689 17112 8.5843e-006 17113
-1.1297 17114 4.2431 17115 -1.0483e-002 17116 2.187 17117 -3.9106e-003 17118 0.40557
17119 -0.3355 17120 1.015e-005 17121 -6.4243e-002 17122 3.4333e-005 17123 3.4215e-003
17124 1.9157 17125 1.3918e-004 17126 0.93927 17127 2.1947e-009 17128 -9.3475e-003
17129 -6.2892e-002 17130 1.6393e-003 17131 -3.2975e-002 17132 1.2116e-005 17133
-2.5383e-003 17134 -6.381e-004 17135 -4.7885e-005 17136 9.8403e-003 17137 -0.18207
17138 -1.3779e-006 17139 1.068e-006 17140 -3.0213e-004 17141 -6.0294e-003 17142
-1.2279e-003 17143 3.1531e-005 17144 2.2241e-003 17145 2.3729e-005 17146 -8.7771e-007
17147 -8.7579 17148 -2.5509e-002 17149 -1.9601e-003 17150 -2.357e-003 17151 -2.277e-007
17152 -1.6438e-007 17153 7.8855e-003 17154 4.4239e-004 17155 -237.15 17156 -1.319e-005
17157 -39.731 17158 -8.3543e-004 17159 -14.644 17160 3.7876e-004 17161 9.3254e-006
17162 0.26538 17163 -2.047e-004 17164 -4.3308e-003 17165 -2.8057e-004 17166 -6.432e-
004 17167 3.8096e-002 17168 -1.4393e-002 17169 -8.0599e-005 17170 -7.5111e-005 17171
-1.6501e-004 17172 -2.5475e-005 17173 -2.5753e-005 17174 -2.5726e-005 17175 -2.0288e-
005 17176 -2.5538e-005 17177 -2.9872e-005 17178 -2.4834e-005 17179 -2.1204e-005 17180
-3.4709e-004 17181 1.1125e-003 17182 -1.9462e-004 17183 -6.3475e-005 17184 1.1128e-002
17185 -5.5359e-005 17186 -5.5353e-005 17187 -5.5475e-005 17188 -2.0839e-004 17189
-1.5986e-004 17190 -4.9895e-005 17191 -6.8967e-005 17192 -1.952e-004 17193 -5.9478e-005
17194 -5.3498e-005 17195 -3.7705e-004 17196 -6.6906e-004 17197 -1.9539e-004 17198
-3.767e-004 17199 1.2351e-002 17200 6.3021e-003 17201 3.0599e-002 17202 1.0091e-003
17203 0.33803 17204 1.4122e-003 17205 1.0143e-003 17206 -2.6792e-003 17207 8.496e-002
17208 3.4756e-003 17209 1.0275e-003 17210 8.4567e-004 17211 -7.8769e-004 17212
-1.0155e-004 17213 5.5366e-004 17214 -1.0907e-005 17215 5.1104e-003 17216 1.0273e-003
17217 -6.029e-003 17218 1.0484 17219 -14.716 17220 -23.993 17221 0.34682 17222 2.0046e-
002 17223 1.5627e-002 17224 2.7606e-002 17225 8.4452e-002 17226 1.2654 17227 -4.9745
17228 -0.55491 17229 -2.149e-002 17230 8.6869e-003 17231 -22.964 17232 -36.052 17233
1.533 17234 1.1673 17235 1.0995 17236 1.0505 17237 1.0441 17238 1.0081 17239 1.0509
17240 1.3307 17241 0.47361 17242 3.16 17243 1.0338 17244 1.007 17245 -3.3405 17246
1.0387 17247 1.0641 17248 -64.738 17249 0.85716 17250 -14.913 17251 -2.6439 17252
-0.23254 17253 0.69721 17254 0.63529 17255 0.58772 17256 0.65312 17257 0.46846 17258
0.60409 17259 1.594 17260 1.1058 17261 0.63154 17262 0.65526 17263 -12.61 17264
-15.121 17265 -13.601 17266 0.49573 17267 0.43197 17268 0.42698 17269 0.42838 17270
0.33532 17271 0.42934 17272 0.63069 17273 0.26016 17274 0.41142 17275 0.41515 17276
0.44695 17277 -2.5469e-003 17278 -2.7585e-003 17279 -4.9937e-003 17280 -1.1937e-002
17281 -9.8947e-003 17282 6.5328e-002 17283 1.5708e-003 17284 -2.6054e-003 17285
-2.5742e-003 17286 3.021e-003 17287 -2.4005e-003 17288 -2.4729e-003 17289 -2.6601e-003
17290 -4.1532e-003 17291 -2.3513e-003 17292 -1.8985e-002 17293 2.4228e-003 17294
-3.4773e-003 17295 0.13019 17296 -1.8913e-004 17297 -4.9593e-005 17298 -4.9332e-005
17299 -3.1081e-004 17300 -4.9615e-005 17301 -4.9615e-005 17302 -1.5773e-004 17303
-4.9657e-005 17304 -2.5204e-005 17305 9.6412e-005 17306 -4.5323e-005 17307 -3.6867e-
004 17308 -1.0296e-003 17309 -3.7121e-004 17310 -7.4272e-007 17311 3.0022e-008 17312
1.7753e-008 17313 -2.8041e-008 17314 -1.4299e-007 17315 -1.1133e-007 17316 -1.9402e-
004 17317 -2.4763e-004 17318 -2.4428e-004 17319 -1.8575e-004 17320 -2.9058e-004 17321
-2.4187e-004 17322 -4.6111e-004 17323 -6.9198e-005 17324 -1.5926e-004 17325 -6.6405e-
005 17326 -1.0074e-004 17327 -7.8445e-005 17328 -1.5685e-004 17329 -1.6925e-005 17330

-2.6597e-005 17331 -6.0931e-005 17332 -2.2127e-005 17333 -3.8638e-005 17334 -2.9438e-006 17335 -1.4132e-005 17336 -3.5898e-006 17337 -3.0069e-006 17338 -9.6625e-006 17339 -2.6173e-005 17340 -2.9191e-006 17341 -2.6691e-006 17342 -6.5442e-007 17343 -6.6669e-007 17344 -8.5152e-007 17345 -2.0731e-006 17346 -1.4903e-006 17347 -1.4025e-006 17348 -8.2743e-007 17349 -7.9577e-007 17350 5.8229e-008 17351 -3.6764e-008 17352 -7.1754e-007 17353 6.0258e-008 17354 -5.4688e-008 17355 -6.9164e-009 17356 -9.6855e-008 17357 3.4818e-008 17358 1.6628e-010 17359 -1.1478e-007 17360 -5.7312e-008 17361 2.9764e-008 17362 2.9844e-007 17363 -4.8879e-009 17364 5.28e-007 17365 -1.1983e-007 17366 -7.7893e-008 17367 2.531e-007 17368 2.7748e-007 17369 -5.023e-008 17370 4.8266e-007 17371 -3.991e-008 17372 3.0224e-007 17373 3.3074e-007 17374 -2.5468e-008 17375 5.0742e-007 17376 -4.1192e-009 17377 3.4396e-007 17378 2.5953e-008 17379 -1.2247e-008 17380 5.2064e-007 17381 -9.5536e-008 17382 5.6118e-008 17383 4.8523e-008 17384 -1.2872e-007 17385 1.0323e-008 17386 -7.2966e-008 17387 -9.1056e-008 17388 4.7989e-008 17389 -3.5299e-008 17390 1.7211e-002 17391 -1.1852e-005 17392 1.118e-002 17393 -3.4918e-006 17394 -7.8558e-006 17395 -1.8752e-006 17396 -3.2543e-004 17397 -1.4377e-004 17398 -24.716 17399 -39.974 17400 -23.454 17401 -27.509 17402 -24.567 17403 -25.42 17404 -42.772 17405 -30.053 17406 -24.824 17407 -44.599 17408 -15.224 17409 2.8398e-002 17410 5.4679e-002 17411 0.18298 17412 1.6892e-002 17413 1.5259e-002 17414 -7.3821e-002 17415 1.7074e-002 17416 1.0018e-002 17417 1.1175e-002 17418 -8.6225e-006 17419 -8.3844e-006 17420 -1.2748e-005 17421 -1.4866e-004 17422 -15.23 17423 -15.241 17424 -13.962 17425 -17.469 17426 -18.017 17427 -15.928 17428 -20.561 17429 -15.332 17430 -35.106 17431 1.6318e-002 17432 1.2908 17433 -7.9853e-002 17434 1.1043e-002 17435 3.9867e-003 17436 -2.0785e-007 17437 3.4301e-008 17438 2.1733e-008 17439 1.1183e-007 17440 -2.0562e-008 17441 6.8352e-007 17442 -4.864e-007 17443 -2.3933e-007 17444 -2.5711e-007 17445 -6.2988e-007 17446 -1.6077e-007 17447 -4.6331e-006 17448 4.0496e-007 17449 -2.1664e-007 17450 -2.2951e-007 17451 4.3257e-007 17452 1.756e-008 17453 1.139e-007 17454 -4.3584e-006 17455 6.7964e-007 17456 1.2642e-008 17457 1.0304e-007 17458 -2.9359e-008 17459 6.7472e-007 17460 6.6186e-007 17461 3.9162e-002 17462 -29.849 17463 3.9509e-002 17464 0.18341 17465 -13.545 17466 3.2401e-002 17467 -1.5693e-002 17468 -6.0369 17469 4.4344e-002 17470 -2.6091e-004 17471 2.5219e-007 17472 2.823e-007 17473 3.1448e-007 17474 2.4038e-007 17475 2.4694e-005 17476 -2.6122e-004 17477 -1.7604e-004 17478 -2.7575e-003 17479 -7.2838e-003 17480 -2.3678e-004 17481 -4.2399e-004 17482 4.6589e-003 17483 8.5118e-005 17484 1.6892e-009 17485 -7.2412e-008 17486 2.4381e-005 17487 -29.888 17488 -29.744 17489 -43.472 17490 -30.028 17491 -30.914 17492 -29.943 17493 -34.275 17494 -35.964 17495 -37.21 17496 -1.1036e-003 17497 -5.5031e-002 17498 1.0956e-004 17499 -7.7648e-005 17500 -1.5707e-003 17501 5.0053e-003 17502 -0.94704 17503 -11.58 17504 -20.857 17505 -14.893 17506 -2.1737 17507 4.4014 17508 -1.8385 17509 -54.653 17510 -28.096 17511 -41.184 17512 -2.8375 17513 -4.6578 17514 -1.9714 17515 -87.651 17516 -49.844 17517 -50.279 17518 -105.2 17519 -137.03 17520 -50.268 17521 -48.439 17522 -54.939 17523 -169.14 17524 -78.412 17525 -65.153 17526 -80.923 17527 -68.654 17528 -89.569 17529 -64.202 17530 -55.815 17531 -120.01 17532 -151.84 17533 -64.416 17534 -64.904 17535 -183.95 17536 -23.291 17537 -28.587 17538 -27.067 17539 -12.835 17540 -13.206 17541 -12.568 17542 -24.282 17543 -14.64 17544 -16.33 17545 -10.051 17546 -17.575 17547 -38.729 17548 -14.389 17549 -20.046 17550 -13.471 17551 -19.711 17552 -61.094 17553 -22.747 17554 -24.568 17555 -21.881 17556 -36.596 17557 -41.454 17558 -123.56 17559 -34.969 17560 -41.47 17561 -155.67 17562 -15.328 17563 -3.0592 17564 -23.974 17565 -86.247 17566 -29.578 17567 -15.717 17568 -15.08 17569 -13.961 17570 -20.105 17571 -13.826 17572 -21.351 17573 -6.2322e-007 17574 -2.6252e-007 17575 -4.6264e-006 17576 -2.7665e-007 17577 -3.8506e-007 17578 -4.749e-006 17579 9.5216e-013 17580 9.0468e-008 17581 -4.1927e-008 17582 3.1807e-008 17583 9.0101e-008 17584 -4.2294e-008 17585 0.12972 17586 -0.86784 17587 -0.17394 17588 6.191e-002 17589 0.62331 17590 -3.8685 17591 1.211 17592 -3.8844 17593 -24.013 17594 -43.845 17595 -44.638 17596 -106.12 17597 -138.23 17598 -27.475 17599 -4.1489 17600 -2.1083 17601 -3.4684 17602 -2.3223 17603 0.84533 17604 0.13001 17605 -4.6046e-002 17606 0.18981 17607 0.42105 17608 -4.2501 17609 -3.6465 17610 -29.351 17611 -4.082 17612 -90.831 17613 -8.7419 17614 -122.94 17615 -49.183 17616 -23.023 17617 -14.636 17618 -110.66 17619 -142.77 17620 -1.057 17621 -1.0436 17622 -0.80775 17623

8.9085e-002 17624 1.2847 17625 4.9759e-003 17626 4.7986e-002 17627 -8.5901e-002 17628
9.0772e-003 17629 -2.0622e-003 17630 1.2796 17631 -2.2275 17632 -2.776 17633 -3.4881
17634 -2.1289 17635 2.0105 17636 -0.92369 17637 -6.5802 17638 -6.245 17639 -21.126
17640 -0.83893 17641 2.9273e-002 17642 5.624e-003 17643 2.7583e-002 17644 0.36629
17645 0.11322 17646 3.174e-002 17647 3.3374e-002 17648 -1.4964 17649 1.4453 17650
1.3224 17651 1.1885 17652 -5.0035 17653 1.0435 17654 -2.9145 17655 -7.5472 17656
-22.093 17657 2.4026 17658 -0.89217 17659 -0.85889 17660 -0.5315 17661 -0.78457 17662
-5.8528 17663 -2.0073e-003 17664 4.2693e-002 17665 3.7842e-003 17666 -9.8938e-003
17667 -9.5189e-003 17668 -6.27e-003 17669 -4.1522e-003 17670 2.4238e-003 17671
-1.6837e-002 17672 -0.39193 17673 -3.6172e-002 17674 5.8386e-002 17675 0.12325 17676
-5.4039 17677 -18.606 17678 -4.2518 17679 -4.9535 17680 -11.098 17681 -12.343 17682
-13.44 17683 0.13696 17684 4.3401e-003 17685 8.8868e-002 17686 -3.413e-002 17687
-1.0635e-002 17688 -1.1171e-002 17689 -9.0533e-003 17690 0.12529 17691 -0.40923 17692
0.38712 17693 -0.39067 17694 -0.31467 17695 0.71101 17696 -7.7044 17697 -0.2498 17698
-12.815 17699 -13.724 17700 -14.611 17701 -19.66 17702 -20.906 17703 -6.2139e-002 17704
-1.0796e-002 17705 -2.1024e-003 17706 8.4049e-008 17707 -4.2799e-006 17708 -4.3883e-
006 17709 1.2227e-007 17710 -1.0121e-008 17711 4.8173e-008 17712 9.9739e-004 17713
-0.18845 17714 -0.17506 17715 1.2524e-002 17716 0.29203 17717 0.71773 17718 0.99753
17719 1.0088 17720 -3.6624 17721 -24.707 17722 -15.429 17723 -79.626 17724 -143.56
17725 10.73 17726 0.98364 17727 2.1297 17728 -0.17365 17729 0.29344 17730 -54.358
17731 -4.0979 17732 -118.3 17733 -45.08 17734 -109.02 17735 -0.3631 17736 -0.17552 17737
0.76959 17738 0.20323 17739 3.5615e-002 17740 8.0316e-002 17741 3.5509e-002 17742
-5.3572e-002 17743 4.1407e-002 17744 -2.6102 17745 -3.4629 17746 2.5841 17747 3.2805
17748 -14.768 17749 -1.7134 17750 -16.594 17751 -1.4337e-002 17752 -2.5656e-002 17753
5.9984e-002 17754 -2.15e-002 17755 0.20862 17756 7.4733e-002 17757 -18.726 17758
-20.552 17759 9.3263e-002 17760 -4.975 17761 4.1003e-002 17762 4.5916e-004 17763
-3.8041e-003 17764 2.0939e-003 17765 -4.4258e-003 17766 -5.6305e-002 17767 -4.9624e-
003 17768 -2.8446e-003 17769 3.7314e-003 17770 -2.9969e-002 17771 -3.4912e-002 17772
-2.1214e-002 17773 1.0668 17774 0.10596 17775 0.76143 17776 -0.25684 17777 -3.6174
17778 1.8631 17779 -6.5523 17780 -1.1661 17781 -0.19476 17782 -7.0107e-003 17783
2.2812e-003 17784 -4.893e-003 17785 0.12945 17786 1.0853 17787 -5.4135 17788 -8.3484
17789 -5.889e-002 17790 -5.0196e-002 17791 -5.4295e-003 17792 1.1465e-003 17793
-4.8184e-002 17794 4.6794e-002 17795 -0.11386 17796 -0.16212 17797 0.11738 17798
0.78298 17799 -4.9828 17800 0.33711 17801 0.34695 17802 0.41136 17803 0.33302 17804
0.42065 17805 -4.6476 17806 0.33559 17807 7.3065e-002 17808 6.0076e-002 17809 7.3729e-
002 17810 7.3407e-002 17811 0.35324 17812 2.8877e-002 17813 1.0188 17814 5.6325e-002
17815 -6.0085 17816 7.1894e-002 17817 6.7825e-002 17818 7.3344e-002 17819 6.7922e-002
17820 -2.4757e-002 17821 1.1613 17822 0.27061 17823 5.1338e-002 17824 -7.2541 17825
0.20051 17826 -23.358 17827 -23.023 17828 -37.904 17829 -141.11 17830 -173.22 17831
-10.463 17832 -3.2935 17833 -4.1842 17834 -11.709 17835 -10.304 17836 -25.185 17837
-205.04 17838 -13.398 17839 1.0334e-002 17840 9.1309e-005 17841 1.958e-004 17842
7.178e-004 17843 -3.1202e-002 17844 -1.0246e-003 17845 -9.3393e-004 17846 1.576e-002
17847 1.0563e-002 17848 -2.1357e-002 17849 8.8203e-003 17850 1.7738e-002 17851
1.1144e-002 17852 1.2722e-002 17853 7.3931e-003 17854 1.2288e-002 17855 3.9912e-003
17856 4.5434e-003 17857 4.8877e-003 17858 -1.2419e-002 17859 3.0881e-003 17860
2.3116e-002 17861 -2.5804e-004 17862 -2.0208e-004 17863 -1.9364e-004 17864 -7.6724e-
004 17865 -1.3318e-003 17866 -2.5563e-004 17867 -4.7488e-004 17868 -1.5435e-004 17869
-1.8505e-004 17870 -1.2534e-004 17871 -4.2717e-004 17872 -2.5918e-004 17873 -1.0881e-
003 17874 -4.2971e-004 17875 -6.0175e-008 17876 -8.7262e-007 17877 -9.1362e-008 17878
-2.0977e-007 17879 3.4017e-007 17880 4.0312e-008 17881 1.2084e-006 17882 5.6973e-007
17883 -7.8099e-008 17884 6.3323e-007 17885 1.32e-006 17886 1.477e-006 17887 8.3841e-
007 17888 6.8611e-007 17889 1.3443e-006 17890 1.4996e-006 17891 8.6279e-007 17892
3.966e-007 17893 1.5281e-006 17894 1.2748e-006 17895 8.9129e-007 17896 2.7511e-007
17897 -9.865e-008 17898 9.5684e-007 17899 -1.4235e-008 17900 -4.2894e-008 17901
-1.4975e-006 17902 -1.9148e-007 17903 -2.2014e-007 17904 -1.1666e-004 17905 -1.4512e-
004 17906 -2.0711e-004 17907 -4.2636e-004 17908 -1.3262e-005 17909 -5.2258e-005 17910
-1.8422e-005 17911 -3.5845e-005 17912 -1.2591e-005 17913 -1.1425e-004 17914 -1.4131e-

006 17915 -7.8796e-006 17916 -2.0485e-006 17917 -1.4417e-006 17918 6.144e-003 17919
6.3263e-003 17920 5.8148e-003 17921 -2.5775e-002 17922 5.8919e-003 17923 -4.4711e-004
17924 -2.6685e-004 17925 -5.5961e-003 17926 -1.0274e-004 17927 -7.0118e-004 17928
-7.3299e-004 17929 1.8126e-002 17930 -8.209e-006 17931 -7.7213e-007 17932 -2.8474e-006
17933 -1.4656e-006 17934 -2.4271e-007 17935 -1.2156e-006 17936 -8.9054e-007 17937
-5.3669e-005 17938 -6.3454e-005 17939 -7.0179e-005 17940 -1.973e-004 17941 -1.4859e-004
17942 -2.465e-005 17943 -9.503e-006 17944 -3.1375e-005 17945 -7.8712e-006 17946
-1.4027e-005 17947 -8.9153e-005 17948 4.2441e-004 17949 3.7281e-006 17950 -4.2739e-005
17951 -1.2273e-003 17952 -1.5115e-004 17953 3.9833e-004 17954 -9.4152e-005 17955
-5.1047e-005 17956 7.427e-004 17957 -2.28e-004 17958 -1.057e-003 17959 1.1245e-004
17960 1.1308e-003 17961 5.0115e-004 17962 6.3707e-004 17963 5.0079e-004 17964
1.2949e-003 17965 6.6464e-004 17966 1.9523e-002 17967 -2.0661e-006 17968 1.1772e-006
17969 -6.9717e-008 17970 5.3855e-007 17971 -4.3429e-007 17972 -1.0929e-007 17973
2.1863e-006 17974 2.1882e-006 17975 4.594e-006 17976 1.5495e-006 17977 2.0883e-006
17978 4.7493e-006 17979 4.6069e-006 17980 1.7048e-006 17981 8.6401e-007 17982 4.496e-
006 17983 1.4687e-006 17984 4.3536e-006 17985 2.2861e-007 17986 1.4515e-006 17987
8.3535e-007 17988 -6.5736e-006 17989 4.9767e-007 17990 -7.4247e-007 17991 -1.3572e-007
17992 -4.6876e-005 17993 1.2169e-005 17994 -4.294e-005 17995 -3.4298e-005 17996
-6.4299e-005 17997 -1.4271e-004 17998 -5.9688e-006 17999 -9.1041e-006 18000 -3.0463e-
005 18001 -7.209e-006 18002 5.2573e-004 18003 6.1729e-004 18004 5.4332e-004 18005
-3.0973e-002 18006 4.7927e-004 18007 -7.0532e-004 18008 6.944e-004 18009 8.1733e-004
18010 7.9961e-004 18011 8.7671e-004 18012 8.449e-004 18013 -1.9289e-005 18014 8.6691e-
006 18015 -1.6019e-005 18016 -1.12e-005 18017 -4.1161e-005 18018 -1.6828e-004 18019
-5.3535e-006 18020 -2.3813e-005 18021 -2.145e-006 18022 -8.7127e-007 18023 -2.5096e-006
18024 -8.6655e-006 18025 1.0983e-006 18026 4.7511e-006 18027 1.1976e-005 18028
1.7066e-006 18029 7.3376e-007 18030 5.8353e-006 18031 4.9941e-005 18032 1.2264e-004
18033 6.2613e-005 18034 5.8583e-005 18035 6.829e-005 18036 5.1414e-005 18037 3.1905e-
005 18038 -1.2518e-004 18039 3.7751e-005 18040 2.1527e-004 18041 3.059e-004 18042
1.8734e-004 18043 2.137e-004 18044 2.2965e-004 18045 1.6787e-004 18046 1.7758e-004
18047 1.7368e-004 18048 3.5119e-004 18049 1.1251e-006 18050 1.0729e-005 18051
5.9437e-006 18052 -5.1313e-007 18053 1.4382e-005 18054 7.0145e-006 18055 1.9227e-005
18056 2.8896e-006 18057 4.1125e-006 18058 8.2412e-006 18059 -2.0328e-006 18060
3.9873e-006 18061 1.0639e-005 18062 -1.3773e-007 18063 7.504e-006 18064 3.474e-006
18065 -2.6527e-005 18066 -3.273e-006 18067 1.3181e-005 18068 2.142e-004 18069 2.1193e-
004 18070 1.5014e-004 18071 1.5985e-004 18072 3.6528e-004 18073 3.3346e-004 18074
3.633e-005 18075 7.7418e-005 18076 3.1544e-005 18077 3.7391e-005 18078 2.1491e-004
18079 7.2174e-006 18080 1.3064e-005 18081 7.6057e-007 18082 -5.3954e-006 18083
6.2694e-005 18084 2.6452e-005 18085 1.6821e-005 18086 2.6568e-005 18087 2.2668e-005
18088 1.0364e-005 18089 1.5466e-005 18090 1.3524e-005 18091 1.9085e-005 18092
2.7108e-005 18093 2.7471e-006 18094 1.9201e-005 18095 8.0988e-006 18096 8.0205e-005
18097 1.3796e-004 18098 9.3789e-005 18099 7.6175e-005 18100 8.5882e-005 18101 3.376e-
005 18102 9.3991e-006 18103 2.5853e-005 18104 1.1973e-004 18105 6.754e-005 18106
6.7656e-005 18107 6.3756e-005 18108 8.349e-005 18109 9.1514e-005 18110 8.3607e-005
18111 3.932e-005 18112 3.1414e-005 18113 2.0311e-005 18114 1.7882e-005 18115 5.5791e-
006 18116 3.9437e-005 18117 -1.2857e-004 18118 -3.0561e-005 18119 -1.609e-006 18120
-1.6088e-006 18121 -1.8608e-004 18122 1.5558e-005 18123 -3.0163e-003 18124 -6.1557e-
004 18125 -4.1932e-004 18126 -4.8493e-002 18127 -3.0349e-002 18128 2.4429e-003 18129
1.2409e-002 18130 -6.1974e-004 18131 -5.2415e-003 18132 -3.2122e-002 18133 -4.6737e-
003 18134 9.2146e-002 18135 1.765e-002 18136 1.4288e-002 18137 1.2731 18138 -0.54722
18139 1.7719e-002 18140 -1.3796e-002 18141 1.6381e-002 18142 1.5484e-002 18143
9.6767e-005 18144 -9.2583e-002 18145 1.4603e-004 18146 5.0748e-006 18147 1.7108e-003
18148 -1.6487e-002 18149 -3.8454e-003 18150 -1.2421e-005 18151 -2.7509e-005 18152
-1.3866e-004 18153 1.444e-006 18154 7.1031e-005 18155 -1.2677e-003 18156 -6.1252e-004
18157 -2.164e-003 18158 -4.605e-002 18159 -3.1587e-002 18160 -8.0615e-002 18161
0.42114 18162 -5.3167e-002 18163 -2.9445e-002 18164 -8.6572e-006 18165 8.317e-007
18166 5.2078e-006 18167 5.8698e-006 18168 6.8123e-006 18169 9.4999e-006 18170
2.2375e-005 18171 -6.0875e-004 18172 -3.1639e-004 18173 2.5139e-002 18174 0.30497

18175 -1.9391e-002 18176 0.97056 18177 -1.794e-002 18178 -3.371e-002 18179 -0.59522
18180 2.0912 18181 -3.559e-002 18182 -3.5023e-002 18183 -6.1795e-002 18184 5.5183e-003
18185 9.6767e-005 18186 -9.2583e-002 18187 1.0935 18188 0.20278 18189 7.0649e-002
18190 0.15829 18191 1.3299 18192 -4.91 18193 7.4566e-002 18194 7.3227e-002 18195
1.8232e-003 18196 1.9349e-002 18197 4.2447e-003 18198 -2.2308e-003 18199 3.555e-003
18200 2.1491e-002 18201 7.9945e-002 18202 -1.5389e-003 18203 -3.987e-003 18204
-3.7773e-003 18205 -5.116e-003 18206 5.6151e-003 18207 3.8624e-003 18208 1.099 18209
0.13821 18210 -6.6029e-005 18211 -1.5591e-003 18212 -9.2486e-002 18213 2.4279e-004
18214 -1.639e-002 18215 -5.7782e-004 18216 1.8437e-003 18217 4.1922e-005 18218
-1.4255e-004 18219 4.6997e-005 18220 1.154e-003 18221 -3.7579e-004 18222 2.4369e-005
18223 6.1986e-007 18224 4.25e-006 18225 -4.2817e-005 18226 -1.5397e-004 18227
-1.3865e-005 18228 -1.2261e-005 18229 -6.2783e-004 18230 -1.5592e-004 18231 -7.4671e-
004 18232 -1.2697e-004 18233 -3.1144e-004 18234 -5.3685e-003 18235 -3.1417e-003 18236
-2.2924e-003 18237 -2.8952e-005 18238 -2.8952e-005 18239 -3.0437e-003 18240 -6.4291e-
004 18241 -2.1944e-003 18242 8.61e-002 18243 -4.9007 18244 -1.3839e-004 18245 1.7044e-
004 18246 2.8703e-005 18247 0.30465 18248 2.1339 18249 -1.9713e-002 18250 7.7351e-003
18251 1.1821e-003 18252 -8.0422e-004 18253 -5.8613e-003 18254 -5.2935e-003 18255
-3.6345e-003 18256 4.923e-004 18257 2.1679e-003 18258 1.986e-003 18259 3.5269e-004
18260 6.2507e-003 18261 -1.385e-004 18262 -4.6205e-004 18263 -1.4093e-003 18264
-7.5406e-004 18265 1.8347e-002 18266 1.8708e-002 18267 -0.15084 18268 0.48654 18269
4.1517e-003 18270 3.5954e-002 18271 -3.7141e-006 18272 -2.7716e-006 18273 -1.4466e-004
18274 -3.3612e-003 18275 -5.2415e-003 18276 6.9588e-005 18277 -2.1654e-003 18278
-1.8187e-003 18279 -1.6769e-005 18280 4.7573e-003 18281 3.2643e-003 18282 0.13103
18283 -9.1142e-002 18284 0.1102 18285 -9.0872e-002 18286 -0.10907 18287 -0.10534 18288
2.4138 18289 -4.0867 18290 1.7167e-005 18291 -6.1396e-004 18292 4.9541e-006 18293
-3.2035e-004 18294 -1.3868e-004 18295 -2.2773e-003 18296 -4.6224e-004 18297 -7.5186e-
003 18298 3.2429e-003 18299 0.20422 18300 -0.16631 18301 3.1519e-003 18302 -1.1314e-
002 18303 2.0489e-002 18304 1.8069e-003 18305 3.5126e-003 18306 -1.4685e-002 18307
2.9139e-003 18308 -1.0953e-002 18309 1.3841e-003 18310 2.085e-002 18311 -0.56823 18312
-8.6028e-003 18313 -3.4807e-002 18314 -5.5266e-003 18315 1.4603e-004 18316 -1.8447e-
004 18317 5.075e-006 18318 1.7167e-005 18319 -4.1771e-004 18320 1.5032e-004 18321
1.511e-004 18322 1.6319e-004 18323 -1.6341e-002 18324 -1.7302e-004 18325 -8.34e-004
18326 -2.7169e-004 18327 -3.1992e-003 18328 9.2757e-004 18329 -6.0219e-004 18330
-3.729 18331 0.69059 18332 -24.85 18333 2.1459e-005 18334 -3.1476e-004 18335 -3.1731e-
004 18336 1.5567 18337 -0.59631 18338 -2.2574 18339 -9.9153e-003 18340 -3.6688e-002
18341 -8.2562e-003 18342 -7.4069e-003 18343 1.2963 18344 -6.2284 18345 1.2262 18346
-9.2991e-002 18347 1.9874e-003 18348 -9.1519e-003 18349 3.5036e-002 18350 -7.1191
18351 0.30189 18352 -0.1487 18353 1.7158e-003 18354 -1.6482e-002 18355 -4.1264e-004
18356 0.92571 18357 0.43752 18358 -3.6795e-002 18359 -3.0188e-004 18360 -2.9975e-003
18361 -5.9679e-004 18362 -4.0055e-004 18363 -3.0443e-004 18364 -1.4776e-002 18365
-1.1044e-002 18366 1.4275 18367 -1.1996e-003 18368 -2.0958e-003 18369 5.3508e-007
18370 -1.1275e-007 18371 -8.1094e-008 18372 -3.612e-002 18373 -3.8541e-003 18374
-7.6884e-003 18375 -3.5617e-003 18376 -4.4525e-003 18377 1.4374e-002 18378 -3.2715e-
002 18379 -3.4461e-002 18380 -3.2625e-002 18381 -3.1225e-002 18382 -3.3612e-002 18383
-1.5668e-002 18384 5.0058e-004 18385 6.6857e-004 18386 -2.1951e-003 18387 1.9317e-003
18388 -1.6039e-004 18389 -3.5889e-004 18390 1.0408e-003 18391 4.0192e-004 18392
1.009e-003 18393 1.9868e-002 18394 -1.6806e-002 18395 -1.5375e-002 18396 -2.9242e-002
18397 -1.7467e-002 18398 -1.6905e-002 18399 2.5607e-003 18400 -1.7885e-005 18401
-1.4501e-004 18402 2.1823e-005 18403 1.7923e-005 18404 -1.1725e-003 18405 2.2725e-004
18406 1.9544e-004 18407 -9.6291e-005 18408 -1.8831e-003 18409 -2.4477e-003 18410
-3.4346e-003 18411 -4.7012e-004 18412 -3.3338e-003 18413 -9.3301e-004 18414 -1.2991e-
003 18415 -1.4976e-003 18416 -7.3676e-004 18417 -6.4065e-004 18418 -2.4632e-005 18419
-1.7501e-004 18420 -8.1774e-006 18421 -1.2078e-005 18422 -2.4382e-005 18423 -3.0538e-
005 18424 -1.2629e-004 18425 -8.7093e-002 18426 -9.8232e-002 18427 -1.5495e-007 18428
1.5076e-005 18429 -1.1278e-006 18430 -8.0278e-007 18431 -7.7112e-007 18432 3.9738e-006
18433 9.513e-008 18434 4.2014e-007 18435 4.5179e-007 18436 5.1967e-006 18437 -1.392e-
004 18438 -1.1311e-003 18439 -1.3296e-003 18440 3.8315e-005 18441 -2.5341e-004 18442

-4.7266e-004 18443 -3.6287e-003 18444 -1.9027e-003 18445 -4.1932e-003 18446 -2.7935e-003 18447 -3.4324e-003 18448 -5.1801e-003 18449 -1.7925e-003 18450 -2.7794e-003 18451 -9.3556e-004 18452 2.763e-005 18453 1.5326e-005 18454 2.0428e-005 18455 6.9433e-004 18456 2.016e-002 18457 1.1426e-005 18458 5.2696e-006 18459 2.0124e-004 18460 -7.0337e-006 18461 4.2238e-006 18462 -122.96 18463 6.2933e-003 18464 -9.5733e-004 18465 -9.8914e-004 18466 -1.2809e-003 18467 -3.3439e-003 18468 -1.5001e-003 18469 -1.9604e-007 18470 -3.2539e-003 18471 4.1057e-004 18472 -4.2395e-004 18473 -7.3369e-003