



1.75 -0.0503926 -0.00894141 0.586775 26711 10 1263 301 171858 0 0
1.76 -0.0502913 -0.00892639 0.586784 26722 10 1210 295 171367 0 0
1.77 -0.05019 -0.00891137 0.586793 26732 10 1357 326 171922 0 0
1.78 -0.0500887 -0.00889635 0.586802 26742 10 1214 305 171980 0 0
1.79 -0.0499874 -0.00888133 0.586811 26753 10 1228 316 172032 0 0
1.8 -0.0498861 -0.0088663 0.58682 26763 10 1233 288 170808 0 0
1.81 -0.0497848 -0.00885128 0.586829 26774 10 1192 304 171721 0 0
1.82 -0.0496834 -0.00883626 0.586837 26784 10 1283 311 170574 0 0
1.83 -0.0495821 -0.00882124 0.586846 26794 10 1169 293 171009 0 0
1.84 -0.0494808 -0.00880622 0.586855 26805 10 1252 321 171083 0 0
1.85 -0.0493795 -0.0087912 0.586864 26815 10 1255 309 171221 0 0
1.86 -0.0492782 -0.00877617 0.586872 26825 10 1179 317 171775 0 0
1.87 -0.0491769 -0.00876115 0.586881 26836 10 1203 280 170907 0 0
1.88 -0.0490755 -0.00874613 0.58689 26846 10 1221 304 171010 0 0
1.89 -0.0489742 -0.0087311 0.586899 26857 10 1150 307 171180 0 0
1.9 -0.0488729 -0.00871608 0.586907 26867 10 1215 295 169864 0 0
1.91 -0.0487715 -0.00870106 0.586916 26877 10 1139 333 170646 0 0
1.92 -0.0486702 -0.00868603 0.586925 26888 10 1207 333 170289 0 0
1.93 -0.0485689 -0.00867101 0.586933 26898 10 1216 276 170380 0 0
1.94 -0.0484676 -0.00865598 0.586942 26908 10 1202 314 171142 0 0
1.95 -0.0483662 -0.00864096 0.58695 26919 10 1258 338 170204 0 0
1.96 -0.0482649 -0.00862593 0.586959 26929 10 1238 270 170026 0 0
1.97 -0.0481635 -0.00861091 0.586967 26940 10 1179 291 170389 0 0
1.98 -0.0480622 -0.00859588 0.586976 26950 10 1210 321 169587 0 0
1.99 -0.0479609 -0.00858086 0.586984 26960 10 1293 304 169238 0 0
2 -0.0478595 -0.00856583 0.586993 26971 10 1201 305 170071 0 0
2.01 -0.0477582 -0.0085508 0.587001 26981 10 1191 307 169664 0 0
2.02 -0.0476568 -0.00853578 0.58701 26992 10 1256 271 170406 0 0
2.03 -0.0475555 -0.00852075 0.587018 27002 10 1246 310 169855 0 0
2.04 -0.0474541 -0.00850572 0.587027 27012 10 1234 300 169041 0 0
2.05 -0.0473528 -0.0084907 0.587035 27023 10 1153 296 168994 0 0
2.06 -0.0472515 -0.00847567 0.587044 27033 10 1261 292 169702 0 0
2.07 -0.0471501 -0.00846064 0.587052 27043 10 1173 306 170007 0 0
2.08 -0.0470487 -0.00844561 0.58706 27054 10 1214 289 169622 0 0
2.09 -0.0469474 -0.00843058 0.587069 27064 10 1272 310 169510 0 0
2.1 -0.046846 -0.00841555 0.587077 27075 10 1240 333 169335 0 0

2.11 -0.0467447 -0.00840052 0.587085 27085 10 1260 296 168564 0 0
2.12 -0.0466433 -0.0083855 0.587093 27095 10 1183 308 168355 0 0
2.13 -0.046542 -0.00837047 0.587102 27106 10 1173 313 168666 0 0
2.14 -0.0464406 -0.00835544 0.58711 27116 10 1218 277 168855 0 0
2.15 -0.0463392 -0.00834041 0.587118 27126 10 1174 314 169181 0 0
2.16 -0.0462379 -0.00832538 0.587126 27137 10 1264 286 169020 0 0
2.17 -0.0461365 -0.00831035 0.587135 27147 10 1264 294 168520 0 0
2.18 -0.0460351 -0.00829531 0.587143 27158 10 1266 308 168745 0 0
2.19 -0.0459338 -0.00828028 0.587151 27168 10 1215 307 169237 0 0
2.2 -0.0458324 -0.00826525 0.587159 27178 10 1186 274 168337 0 0
2.21 -0.045731 -0.00825022 0.587167 27189 10 1249 310 168190 0 0
2.22 -0.0456297 -0.00823519 0.587175 27199 10 1239 313 168558 0 0
2.23 -0.0455283 -0.00822016 0.587183 27209 10 1151 303 168310 0 0
2.24 -0.0454269 -0.00820512 0.587191 27220 10 1260 305 169313 0 0
2.25 -0.0453255 -0.00819009 0.587199 27230 10 1157 309 167811 0 0
2.26 -0.0452242 -0.00817506 0.587207 27241 10 1200 296 167588 0 0
2.27 -0.0451228 -0.00816003 0.587215 27251 10 1171 283 167521 0 0
2.28 -0.0450214 -0.00814499 0.587223 27261 10 1244 284 168409 0 0
2.29 -0.04492 -0.00812996 0.587231 27272 10 1254 316 168109 0 0
2.3 -0.0448186 -0.00811492 0.587239 27282 10 1222 295 167761 0 0
2.31 -0.0447172 -0.00809989 0.587247 27293 10 1159 278 167494 0 0
2.32 -0.0446159 -0.00808486 0.587255 27303 10 1243 293 167304 0 0
2.33 -0.0445145 -0.00806982 0.587263 27313 10 1149 317 167596 0 0
2.34 -0.0444131 -0.00805479 0.587271 27324 10 1196 297 167009 0 0
2.35 -0.0443117 -0.00803975 0.587279 27334 10 1179 295 166968 0 0
2.36 -0.0442103 -0.00802472 0.587287 27344 10 1206 298 167878 0 0
2.37 -0.0441089 -0.00800968 0.587295 27355 10 1233 327 167031 0 0
2.38 -0.0440075 -0.00799465 0.587302 27365 10 1163 286 167260 0 0
2.39 -0.0439061 -0.00797961 0.58731 27376 10 1163 322 167073 0 0
2.4 -0.0438047 -0.00796457 0.587318 27386 10 1261 267 167454 0 0
2.41 -0.0437033 -0.00794954 0.587326 27396 10 1268 279 166852 0 0
2.42 -0.0436019 -0.0079345 0.587333 27407 10 1293 305 166866 0 0
2.43 -0.0435005 -0.00791946 0.587341 27417 10 1184 278 166503 0 0
2.44 -0.0433991 -0.00790443 0.587349 27427 10 1216 284 166673 0 0
2.45 -0.0432977 -0.00788939 0.587357 27438 10 1185 266 167108 0 0
2.46 -0.0431963 -0.00787435 0.587364 27448 10 1219 274 166100 0 0
2.47 -0.0430949 -0.00785931 0.587372 27459 10 1185 298 166473 0 0
2.48 -0.0429935 -0.00784427 0.587379 27469 10 1145 292 166237 0 0
2.49 -0.0428921 -0.00782924 0.587387 27479 10 1205 318 165807 0 0

2.5 -0.0427907 -0.0078142 0.587395 27490 10 1211 309 166122 0 0
2.51 -0.0426893 -0.00779916 0.587402 27500 10 1168 285 166304 0 0
2.52 -0.0425878 -0.00778412 0.58741 27511 10 1170 351 165385 0 0
2.53 -0.0424864 -0.00776908 0.587417 27521 10 1208 339 165710 0 0
2.54 -0.042385 -0.00775404 0.587425 27531 10 1173 305 166398 0 0
2.55 -0.0422836 -0.007739 0.587432 27542 10 1135 281 166048 0 0
2.56 -0.0421822 -0.00772396 0.58744 27552 10 1214 315 165589 0 0
2.57 -0.0420808 -0.00770892 0.587447 27562 10 1210 288 165299 0 0
2.58 -0.0419793 -0.00769388 0.587455 27573 10 1144 300 165397 0 0
2.59 -0.0418779 -0.00767884 0.587462 27583 10 1183 297 165623 0 0
2.6 -0.0417765 -0.0076638 0.58747 27594 10 1191 306 165234 0 0
2.61 -0.0416751 -0.00764876 0.587477 27604 10 1208 317 165172 0 0
2.62 -0.0415736 -0.00763371 0.587484 27614 10 1204 305 165364 0 0
2.63 -0.0414722 -0.00761867 0.587492 27625 10 1175 271 165075 0 0
2.64 -0.0413708 -0.00760363 0.587499 27635 10 1181 299 166170 0 0
2.65 -0.0412694 -0.00758859 0.587507 27645 10 1241 306 165567 0 0
2.66 -0.0411679 -0.00757355 0.587514 27656 10 1235 288 164733 0 0
2.67 -0.0410665 -0.0075585 0.587521 27666 10 1123 280 165360 0 0
2.68 -0.0409651 -0.00754346 0.587528 27677 10 1153 323 165875 0 0
2.69 -0.0408636 -0.00752842 0.587536 27687 10 1202 291 164557 0 0
2.7 -0.0407622 -0.00751337 0.587543 27697 10 1234 305 165550 0 0
2.71 -0.0406608 -0.00749833 0.58755 27708 10 1229 297 164232 0 0
2.72 -0.0405593 -0.00748329 0.587557 27718 10 1210 291 165013 0 0
2.73 -0.0404579 -0.00746824 0.587564 27728 10 1173 317 164813 0 0
2.74 -0.0403564 -0.0074532 0.587572 27739 10 1194 292 164674 0 0
2.75 -0.040255 -0.00743815 0.587579 27749 10 1190 301 164579 0 0
2.76 -0.0401536 -0.00742311 0.587586 27760 10 1157 288 164353 0 0
2.77 -0.0400521 -0.00740806 0.587593 27770 10 1144 339 163923 0 0
2.78 -0.0399507 -0.00739302 0.5876 27780 10 1198 421 163884 0 0
2.79 -0.0398492 -0.00737797 0.587607 27791 10 1202 373 164555 0 0
2.8 -0.0397478 -0.00736293 0.587614 27801 10 1206 370 164782 0 0
2.81 -0.0396463 -0.00734788 0.587621 27812 10 1184 392 164344 0 0
2.82 -0.0395449 -0.00733284 0.587628 27822 10 1188 345 164078 0 0
2.83 -0.0394434 -0.00731779 0.587635 27832 10 1183 312 164075 0 0
2.84 -0.039342 -0.00730274 0.587642 27843 10 1140 295 164236 0 0
2.85 -0.0392405 -0.0072877 0.587649 27853 10 1254 300 163905 0 0
2.86 -0.0391391 -0.00727265 0.587656 27863 10 1112 282 163408 0 0
2.87 -0.0390376 -0.0072576 0.587663 27874 10 1191 295 163467 0 0
2.88 -0.0389361 -0.00724255 0.58767 27884 10 1191 296 163550 0 0

2.89 -0.0388347 -0.00722751 0.587677 27895 10 1145 301 163422 0 0
2.9 -0.0387332 -0.00721246 0.587684 27905 10 1191 282 163361 0 0
2.91 -0.0386318 -0.00719741 0.587691 27915 10 1191 302 163303 0 0
2.92 -0.0385303 -0.00718236 0.587698 27926 10 1139 278 163826 0 0
2.93 -0.0384288 -0.00716731 0.587704 27936 10 1212 280 162974 0 0
2.94 -0.0383274 -0.00715227 0.587711 27946 10 1195 306 163653 0 0
2.95 -0.0382259 -0.00713722 0.587718 27957 10 1137 277 164068 0 0
2.96 -0.0381244 -0.00712217 0.587725 27967 10 1161 294 162395 0 0
2.97 -0.038023 -0.00710712 0.587732 27978 10 1243 302 163707 0 0
2.98 -0.0379215 -0.00709207 0.587738 27988 10 1196 286 163261 0 0
2.99 -0.03782 -0.00707702 0.587745 27998 10 1181 279 162864 0 0
3 -0.0377186 -0.00706197 0.587752 28009 10 1176 261 162671 0 0
3.01 -0.0376171 -0.00704692 0.587758 28019 10 1143 325 161706 0 0
3.02 -0.0375156 -0.00703187 0.587765 28030 10 1139 293 162062 0 0
3.03 -0.0374141 -0.00701682 0.587772 28040 10 1186 301 162686 0 0
3.04 -0.0373127 -0.00700177 0.587778 28050 10 1145 271 161715 0 0
3.05 -0.0372112 -0.00698672 0.587785 28061 10 1157 293 162787 0 0
3.06 -0.0371097 -0.00697166 0.587792 28071 10 1105 303 162814 0 0
3.07 -0.0370082 -0.00695661 0.587798 28081 10 1156 298 162494 0 0
3.08 -0.0369067 -0.00694156 0.587805 28092 10 1101 317 162450 0 0
3.09 -0.0368053 -0.00692651 0.587811 28102 10 1191 326 162062 0 0
3.1 -0.0367038 -0.00691146 0.587818 28113 10 1194 291 162264 0 0
3.11 -0.0366023 -0.0068964 0.587824 28123 10 1179 292 162062 0 0
3.12 -0.0365008 -0.00688135 0.587831 28133 10 1182 309 161910 0 0
3.13 -0.0363993 -0.0068663 0.587837 28144 10 1177 292 162047 0 0
3.14 -0.0362978 -0.00685125 0.587844 28154 10 1164 291 161630 0 0
3.15 -0.0361963 -0.00683619 0.58785 28164 10 1138 285 161210 0 0
3.16 -0.0360949 -0.00682114 0.587857 28175 10 1144 273 161524 0 0
3.17 -0.0359934 -0.00680609 0.587863 28185 10 1152 263 161241 0 0
3.18 -0.0358919 -0.00679103 0.587869 28196 10 1132 289 161406 0 0
3.19 -0.0357904 -0.00677598 0.587876 28206 10 1124 298 161451 0 0
3.2 -0.0356889 -0.00676092 0.587882 28216 10 1146 292 160538 0 0
3.21 -0.0355874 -0.00674587 0.587888 28227 10 1092 275 161410 0 0
3.22 -0.0354859 -0.00673081 0.587895 28237 10 1130 282 160823 0 0
3.23 -0.0353844 -0.00671576 0.587901 28247 10 1183 285 160898 0 0
3.24 -0.0352829 -0.0067007 0.587907 28258 10 1187 296 160763 0 0
3.25 -0.0351814 -0.00668565 0.587913 28268 10 1140 293 160806 0 0
3.26 -0.0350799 -0.00667059 0.58792 28279 10 1173 286 160393 0 0
3.27 -0.0349784 -0.00665554 0.587926 28289 10 1141 278 160944 0 0

3.28 -0.0348769 -0.00664048 0.587932 28299 10 1219 288 159676 0 0
3.29 -0.0347754 -0.00662543 0.587938 28310 10 1123 289 159502 0 0
3.3 -0.0346739 -0.00661037 0.587944 28320 10 1169 274 159405 0 0
3.31 -0.0345724 -0.00659531 0.587951 28331 10 1168 257 159404 0 0
3.32 -0.0344709 -0.00658026 0.587957 28341 10 1171 267 159243 0 0
3.33 -0.0343694 -0.0065652 0.587963 28351 10 1202 274 159933 0 0
3.34 -0.0342679 -0.00655014 0.587969 28362 10 1105 277 159149 0 0
3.35 -0.0341663 -0.00653509 0.587975 28372 10 1220 292 160181 0 0
3.36 -0.0340648 -0.00652003 0.587981 28382 10 1228 276 159552 0 0
3.37 -0.0339633 -0.00650497 0.587987 28393 10 1178 317 159521 0 0
3.38 -0.0338618 -0.00648991 0.587993 28403 10 1096 272 159714 0 0
3.39 -0.0337603 -0.00647485 0.587999 28414 10 1157 267 159781 0 0
3.4 -0.0336588 -0.0064598 0.588005 28424 10 1174 309 159389 0 0
3.41 -0.0335573 -0.00644474 0.588011 28434 10 1131 307 158954 0 0
3.42 -0.0334557 -0.00642968 0.588017 28445 10 1201 289 159232 0 0
3.43 -0.0333542 -0.00641462 0.588023 28455 10 1130 300 160193 0 0
3.44 -0.0332527 -0.00639956 0.588029 28465 10 1154 284 159277 0 0
3.45 -0.0331512 -0.0063845 0.588035 28476 10 1143 288 158399 0 0
3.46 -0.0330497 -0.00636944 0.588041 28486 10 1106 289 158722 0 0
3.47 -0.0329481 -0.00635438 0.588046 28497 10 1158 300 158298 0 0
3.48 -0.0328466 -0.00633932 0.588052 28507 10 1071 269 158438 0 0
3.49 -0.0327451 -0.00632426 0.588058 28517 10 1157 283 158613 0 0
3.5 -0.0326436 -0.0063092 0.588064 28528 10 1175 269 158949 0 0
3.51 -0.032542 -0.00629414 0.58807 28538 10 1174 274 158608 0 0
3.52 -0.0324405 -0.00627908 0.588076 28548 10 1113 279 158608 0 0
3.53 -0.032339 -0.00626402 0.588081 28559 10 1102 269 158951 0 0
3.54 -0.0322375 -0.00624896 0.588087 28569 10 1190 314 158607 0 0
3.55 -0.0321359 -0.0062339 0.588093 28580 10 1142 277 157890 0 0
3.56 -0.0320344 -0.00621884 0.588098 28590 10 1229 288 158157 0 0
3.57 -0.0319329 -0.00620378 0.588104 28600 10 1142 291 158084 0 0
3.58 -0.0318313 -0.00618871 0.58811 28611 10 1139 299 157447 0 0
3.59 -0.0317298 -0.00617365 0.588115 28621 10 1157 307 158120 0 0
3.6 -0.0316283 -0.00615859 0.588121 28632 10 1105 272 157547 0 0
3.61 -0.0315267 -0.00614353 0.588127 28642 10 1130 257 158338 0 0
3.62 -0.0314252 -0.00612846 0.588132 28652 10 1155 284 157881 0 0
3.63 -0.0313237 -0.0061134 0.588138 28663 10 1099 262 157648 0 0
3.64 -0.0312221 -0.00609834 0.588143 28673 10 1113 295 157792 0 0
3.65 -0.0311206 -0.00608328 0.588149 28683 10 1120 302 157628 0 0
3.66 -0.031019 -0.00606821 0.588154 28694 10 1105 253 157086 0 0

3.67 -0.0309175 -0.00605315 0.58816 28704 10 1157 272 157099 0 0
3.68 -0.0308159 -0.00603809 0.588165 28715 10 1156 278 157826 0 0
3.69 -0.0307144 -0.00602302 0.588171 28725 10 1110 289 157016 0 0
3.7 -0.0306129 -0.00600796 0.588176 28735 10 1114 292 157968 0 0
3.71 -0.0305113 -0.00599289 0.588182 28746 10 1190 282 156677 0 0
3.72 -0.0304098 -0.00597783 0.588187 28756 10 1141 283 157397 0 0
3.73 -0.0303082 -0.00596276 0.588193 28766 10 1157 275 156894 0 0
3.74 -0.0302067 -0.0059477 0.588198 28777 10 1158 295 156683 0 0
3.75 -0.0301051 -0.00593264 0.588203 28787 10 1185 274 156292 0 0
3.76 -0.0300036 -0.00591757 0.588209 28798 10 1157 316 156346 0 0
3.77 -0.029902 -0.0059025 0.588214 28808 10 1143 283 156859 0 0
3.78 -0.0298005 -0.00588744 0.588219 28818 10 1083 301 156569 0 0
3.79 -0.0296989 -0.00587237 0.588225 28829 10 1179 309 156478 0 0
3.8 -0.0295974 -0.00585731 0.58823 28839 10 1106 270 156841 0 0
3.81 -0.0294958 -0.00584224 0.588235 28849 10 1093 244 155437 0 0
3.82 -0.0293943 -0.00582718 0.58824 28860 10 1163 267 156234 0 0
3.83 -0.0292927 -0.00581211 0.588246 28870 10 1124 255 156110 0 0
3.84 -0.0291911 -0.00579704 0.588251 28881 10 1183 275 155489 0 0
3.85 -0.0290896 -0.00578198 0.588256 28891 10 1122 301 155995 0 0
3.86 -0.028988 -0.00576691 0.588261 28901 10 1094 264 155420 0 0
3.87 -0.0288865 -0.00575184 0.588266 28912 10 1146 296 155843 0 0
3.88 -0.0287849 -0.00573678 0.588271 28922 10 1207 253 156180 0 0
3.89 -0.0286833 -0.00572171 0.588276 28933 10 1096 289 155733 0 0
3.9 -0.0285818 -0.00570664 0.588282 28943 10 1090 268 156095 0 0
3.91 -0.0284802 -0.00569157 0.588287 28953 10 1084 289 155601 0 0
3.92 -0.0283786 -0.0056765 0.588292 28964 10 1178 268 155701 0 0
3.93 -0.0282771 -0.00566144 0.588297 28974 10 1055 318 155748 0 0
3.94 -0.0281755 -0.00564637 0.588302 28984 10 1133 270 155349 0 0
3.95 -0.0280739 -0.0056313 0.588307 28995 10 1117 283 155909 0 0
3.96 -0.0279724 -0.00561623 0.588312 29005 10 1147 285 155504 0 0
3.97 -0.0278708 -0.00560116 0.588317 29016 10 1135 302 155028 0 0
3.98 -0.0277692 -0.00558609 0.588322 29026 10 1138 275 154833 0 0
3.99 -0.0276677 -0.00557102 0.588327 29036 10 1175 294 155576 0 0
4 -0.0275661 -0.00555596 0.588331 29047 10 1155 262 155364 0 0
4.01 -0.0274645 -0.00554089 0.588336 29057 10 1094 264 154956 0 0
4.02 -0.027363 -0.00552582 0.588341 29067 10 1116 252 155608 0 0
4.03 -0.0272614 -0.00551075 0.588346 29078 10 1221 280 155104 0 0
4.04 -0.0271598 -0.00549568 0.588351 29088 10 1058 292 155587 0 0
4.05 -0.0270582 -0.00548061 0.588356 29099 10 1129 274 155014 0 0

4.06 -0.0269567 -0.00546554 0.588361 29109 10 1114 255 154863 0 0
4.07 -0.0268551 -0.00545047 0.588365 29119 10 1139 261 154622 0 0
4.08 -0.0267535 -0.0054354 0.58837 29130 10 1143 264 154961 0 0
4.09 -0.0266519 -0.00542032 0.588375 29140 10 1109 275 155630 0 0
4.1 -0.0265503 -0.00540525 0.58838 29150 10 1077 261 154608 0 0
4.11 -0.0264488 -0.00539018 0.588384 29161 10 1106 242 154787 0 0
4.12 -0.0263472 -0.00537511 0.588389 29171 10 1146 248 153783 0 0
4.13 -0.0262456 -0.00536004 0.588394 29182 10 1187 291 154579 0 0
4.14 -0.026144 -0.00534497 0.588398 29192 10 1120 283 155058 0 0
4.15 -0.0260424 -0.0053299 0.588403 29202 10 1117 271 154734 0 0
4.16 -0.0259408 -0.00531482 0.588408 29213 10 1102 268 155318 0 0
4.17 -0.0258393 -0.00529975 0.588412 29223 10 1140 261 154643 0 0
4.18 -0.0257377 -0.00528468 0.588417 29234 10 1208 276 154272 0 0
4.19 -0.0256361 -0.00526961 0.588421 29244 10 1120 289 155109 0 0
4.2 -0.0255345 -0.00525453 0.588426 29254 10 1114 286 154659 0 0
4.21 -0.0254329 -0.00523946 0.58843 29265 10 1145 265 153429 0 0
4.22 -0.0253313 -0.00522439 0.588435 29275 10 1050 284 154550 0 0
4.23 -0.0252297 -0.00520932 0.588439 29285 10 1204 290 154604 0 0
4.24 -0.0251281 -0.00519424 0.588444 29296 10 1175 251 154464 0 0
4.25 -0.0250266 -0.00517917 0.588448 29306 10 1200 273 153773 0 0
4.26 -0.024925 -0.0051641 0.588453 29317 10 1096 255 154158 0 0
4.27 -0.0248234 -0.00514902 0.588457 29327 10 1193 286 154445 0 0
4.28 -0.0247218 -0.00513395 0.588462 29337 10 1146 268 153502 0 0
4.29 -0.0246202 -0.00511887 0.588466 29348 10 1123 242 153851 0 0
4.3 -0.0245186 -0.0051038 0.58847 29358 10 1153 303 154051 0 0
4.31 -0.024417 -0.00508873 0.588475 29368 10 1131 260 153741 0 0
4.32 -0.0243154 -0.00507365 0.588479 29379 10 1174 284 154077 0 0
4.33 -0.0242138 -0.00505858 0.588483 29389 10 1115 260 153716 0 0
4.34 -0.0241122 -0.0050435 0.588488 29400 10 1116 307 153956 0 0
4.35 -0.0240106 -0.00502843 0.588492 29410 10 1206 289 154553 0 0
4.36 -0.023909 -0.00501335 0.588496 29420 10 1188 281 153682 0 0
4.37 -0.0238074 -0.00499828 0.588501 29431 10 1136 255 154437 0 0
4.38 -0.0237058 -0.0049832 0.588505 29441 10 1131 265 153334 0 0
4.39 -0.0236042 -0.00496813 0.588509 29451 10 1155 279 154235 0 0
4.4 -0.0235026 -0.00495305 0.588513 29462 10 1166 267 154352 0 0
4.41 -0.023401 -0.00493797 0.588517 29472 10 1132 254 154009 0 0
4.42 -0.0232994 -0.0049229 0.588521 29483 10 1130 267 152933 0 0
4.43 -0.0231978 -0.00490782 0.588526 29493 10 1131 257 153970 0 0
4.44 -0.0230962 -0.00489275 0.58853 29503 10 1176 306 153909 0 0

4.45 -0.0229946 -0.00487767 0.588534 29514 10 1163 253 154296 0 0
4.46 -0.022893 -0.00486259 0.588538 29524 10 1122 287 154256 0 0
4.47 -0.0227914 -0.00484752 0.588542 29535 10 1201 264 153183 0 0
4.48 -0.0226897 -0.00483244 0.588546 29545 10 1150 277 153930 0 0
4.49 -0.0225881 -0.00481736 0.58855 29555 10 1151 265 154164 0 0
4.5 -0.0224865 -0.00480229 0.588554 29566 10 1175 295 152870 0 0
4.51 -0.0223849 -0.00478721 0.588558 29576 10 1087 251 153245 0 0
4.52 -0.0222833 -0.00477213 0.588562 29586 10 1190 239 153887 0 0
4.53 -0.0221817 -0.00475705 0.588566 29597 10 1135 280 153540 0 0
4.54 -0.0220801 -0.00474198 0.58857 29607 10 1109 266 153810 0 0
4.55 -0.0219785 -0.0047269 0.588574 29618 10 1095 292 153245 0 0
4.56 -0.0218769 -0.00471182 0.588578 29628 10 1131 296 153007 0 0
4.57 -0.0217752 -0.00469674 0.588582 29638 10 1148 308 153384 0 0
4.58 -0.0216736 -0.00468166 0.588586 29649 10 1094 281 153231 0 0
4.59 -0.021572 -0.00466658 0.588589 29659 10 1110 260 153300 0 0
4.6 -0.0214704 -0.00465151 0.588593 29669 10 1138 273 152882 0 0
4.61 -0.0213688 -0.00463643 0.588597 29680 10 1165 280 153806 0 0
4.62 -0.0212672 -0.00462135 0.588601 29690 10 1137 257 152828 0 0
4.63 -0.0211655 -0.00460627 0.588605 29701 10 1188 284 153341 0 0
4.64 -0.0210639 -0.00459119 0.588608 29711 10 1250 258 152611 0 0
4.65 -0.0209623 -0.00457611 0.588612 29721 10 1092 267 152657 0 0
4.66 -0.0208607 -0.00456103 0.588616 29732 10 1139 260 153289 0 0
4.67 -0.0207591 -0.00454595 0.58862 29742 10 1148 274 153638 0 0
4.68 -0.0206574 -0.00453087 0.588623 29753 10 1053 272 152761 0 0
4.69 -0.0205558 -0.00451579 0.588627 29763 10 1123 273 153017 0 0
4.7 -0.0204542 -0.00450071 0.588631 29773 10 1181 260 153073 0 0
4.71 -0.0203526 -0.00448563 0.588634 29784 10 1181 293 152818 0 0
4.72 -0.0202509 -0.00447055 0.588638 29794 10 1170 272 152815 0 0
4.73 -0.0201493 -0.00445547 0.588641 29804 10 1150 291 152863 0 0
4.74 -0.0200477 -0.00444039 0.588645 29815 10 1177 270 153488 0 0
4.75 -0.0199461 -0.00442531 0.588649 29825 10 1199 267 153470 0 0
4.76 -0.0198444 -0.00441023 0.588652 29836 10 1160 264 153705 0 0
4.77 -0.0197428 -0.00439515 0.588656 29846 10 1161 280 152760 0 0
4.78 -0.0196412 -0.00438007 0.588659 29856 10 1140 276 153172 0 0
4.79 -0.0195396 -0.00436499 0.588663 29867 10 1167 263 153226 0 0
4.8 -0.0194379 -0.0043499 0.588666 29877 10 1153 269 152680 0 0
4.81 -0.0193363 -0.00433482 0.58867 29887 10 1173 274 153484 0 0
4.82 -0.0192347 -0.00431974 0.588673 29898 10 1196 248 152320 0 0
4.83 -0.019133 -0.00430466 0.588677 29908 10 1139 282 152935 0 0

4.84 -0.0190314 -0.00428958 0.58868 29919 10 1152 267 153757 0 0
4.85 -0.0189298 -0.0042745 0.588683 29929 10 1191 246 153607 0 0
4.86 -0.0188282 -0.00425941 0.588687 29939 10 1228 261 152861 0 0
4.87 -0.0187265 -0.00424433 0.58869 29950 10 1111 290 152820 0 0
4.88 -0.0186249 -0.00422925 0.588693 29960 10 1151 282 153642 0 0
4.89 -0.0185233 -0.00421417 0.588697 29970 10 1132 246 153932 0 0
4.9 -0.0184216 -0.00419908 0.5887 29981 10 1146 275 153045 0 0
4.91 -0.01832 -0.004184 0.588703 29991 10 1162 309 153082 0 0
4.92 -0.0182183 -0.00416892 0.588707 30002 10 1151 269 153200 0 0
4.93 -0.0181167 -0.00415383 0.58871 30012 10 1256 289 153780 0 0
4.94 -0.0180151 -0.00413875 0.588713 30022 10 1183 272 152817 0 0
4.95 -0.0179134 -0.00412367 0.588716 30033 10 1178 259 153133 0 0
4.96 -0.0178118 -0.00410858 0.588719 30043 10 1130 260 152954 0 0
4.97 -0.0177102 -0.0040935 0.588723 30054 10 1219 291 153212 0 0
4.98 -0.0176085 -0.00407842 0.588726 30064 10 1157 281 153263 0 0
4.99 -0.0175069 -0.00406333 0.588729 30074 10 1174 269 152659 0 0
5 -0.0174052 -0.00404825 0.588732 30085 10 1172 264 153352 0 0
5.01 -0.0173036 -0.00403317 0.588735 30095 10 1170 265 153273 0 0
5.02 -0.017202 -0.00401808 0.588738 30105 10 1120 297 153015 0 0
5.03 -0.0171003 -0.004003 0.588741 30116 10 1190 245 152754 0 0
5.04 -0.0169987 -0.00398791 0.588744 30126 10 1169 281 152524 0 0
5.05 -0.016897 -0.00397283 0.588747 30137 10 1159 282 152665 0 0
5.06 -0.0167954 -0.00395774 0.58875 30147 10 1173 256 153409 0 0
5.07 -0.0166937 -0.00394266 0.588753 30157 10 1192 268 152960 0 0
5.08 -0.0165921 -0.00392757 0.588756 30168 10 1140 280 152888 0 0
5.09 -0.0164905 -0.00391249 0.588759 30178 10 1202 263 153299 0 0
5.1 -0.0163888 -0.0038974 0.588762 30188 10 1234 264 152867 0 0
5.11 -0.0162872 -0.00388232 0.588765 30199 10 1171 250 152359 0 0
5.12 -0.0161855 -0.00386723 0.588768 30209 10 1186 281 153170 0 0
5.13 -0.0160839 -0.00385215 0.588771 30220 10 1166 257 152895 0 0
5.14 -0.0159822 -0.00383706 0.588774 30230 10 1219 322 153042 0 0
5.15 -0.0158806 -0.00382198 0.588777 30240 10 1120 267 153472 0 0
5.16 -0.0157789 -0.00380689 0.588779 30251 10 1240 276 153317 0 0
5.17 -0.0156773 -0.0037918 0.588782 30261 10 1242 259 153199 0 0
5.18 -0.0155756 -0.00377672 0.588785 30271 10 1144 289 152935 0 0
5.19 -0.015474 -0.00376163 0.588788 30282 10 1172 273 153793 0 0
5.2 -0.0153723 -0.00374655 0.588791 30292 10 1152 270 153408 0 0
5.21 -0.0152707 -0.00373146 0.588793 30303 10 1198 281 152629 0 0
5.22 -0.015169 -0.00371637 0.588796 30313 10 1165 264 153322 0 0

5.23 -0.0150674 -0.00370129 0.588799 30323 10 1243 303 152882 0 0
5.24 -0.0149657 -0.0036862 0.588801 30334 10 1179 270 152943 0 0
5.25 -0.0148641 -0.00367111 0.588804 30344 10 1091 273 153326 0 0
5.26 -0.0147624 -0.00365603 0.588807 30355 10 1181 247 153782 0 0
5.27 -0.0146608 -0.00364094 0.588809 30365 10 1132 260 153619 0 0
5.28 -0.0145591 -0.00362585 0.588812 30375 10 1229 259 153235 0 0
5.29 -0.0144575 -0.00361076 0.588815 30386 10 1170 278 152665 0 0
5.3 -0.0143558 -0.00359568 0.588817 30396 10 1196 271 154094 0 0
5.31 -0.0142542 -0.00358059 0.58882 30406 10 1195 273 152686 0 0
5.32 -0.0141525 -0.0035655 0.588822 30417 10 1156 269 153041 0 0
5.33 -0.0140508 -0.00355041 0.588825 30427 10 1228 246 154002 0 0
5.34 -0.0139492 -0.00353533 0.588827 30438 10 1147 288 153476 0 0
5.35 -0.0138475 -0.00352024 0.58883 30448 10 1214 277 153579 0 0
5.36 -0.0137459 -0.00350515 0.588832 30458 10 1232 275 154147 0 0
5.37 -0.0136442 -0.00349006 0.588835 30469 10 1244 268 153507 0 0
5.38 -0.0135426 -0.00347497 0.588837 30479 10 1220 261 153499 0 0
5.39 -0.0134409 -0.00345989 0.58884 30489 10 1234 291 153786 0 0
5.4 -0.0133392 -0.0034448 0.588842 30500 10 1294 262 154028 0 0
5.41 -0.0132376 -0.00342971 0.588844 30510 10 1209 274 153227 0 0
5.42 -0.0131359 -0.00341462 0.588847 30521 10 1182 258 153557 0 0
5.43 -0.0130343 -0.00339953 0.588849 30531 10 1215 264 154060 0 0
5.44 -0.0129326 -0.00338444 0.588851 30541 10 1232 245 154114 0 0
5.45 -0.0128309 -0.00336935 0.588854 30552 10 1236 287 154161 0 0
5.46 -0.0127293 -0.00335426 0.588856 30562 10 1258 253 154242 0 0
5.47 -0.0126276 -0.00333917 0.588858 30572 10 1244 279 154691 0 0
5.48 -0.012526 -0.00332409 0.588861 30583 10 1182 286 154674 0 0
5.49 -0.0124243 -0.003309 0.588863 30593 10 1251 272 153903 0 0
5.5 -0.0123226 -0.00329391 0.588865 30604 10 1220 305 153717 0 0
5.51 -0.012221 -0.00327882 0.588867 30614 10 1284 254 153810 0 0
5.52 -0.0121193 -0.00326373 0.588869 30624 10 1266 255 153924 0 0
5.53 -0.0120176 -0.00324864 0.588872 30635 10 1267 271 154058 0 0
5.54 -0.011916 -0.00323355 0.588874 30645 10 1193 275 153930 0 0
5.55 -0.0118143 -0.00321846 0.588876 30656 10 1215 266 154463 0 0
5.56 -0.0117126 -0.00320337 0.588878 30666 10 1244 266 154778 0 0
5.57 -0.011611 -0.00318828 0.58888 30676 10 1254 254 154712 0 0
5.58 -0.0115093 -0.00317319 0.588882 30687 10 1296 275 154419 0 0
5.59 -0.0114076 -0.0031581 0.588884 30697 10 1289 274 154784 0 0
5.6 -0.011306 -0.00314301 0.588886 30707 10 1227 274 154868 0 0
5.61 -0.0112043 -0.00312791 0.588888 30718 10 1275 267 154563 0 0

5.62 -0.0111026 -0.00311282 0.58889 30728 10 1225 265 154239 0 0
5.63 -0.011001 -0.00309773 0.588892 30739 10 1254 269 154706 0 0
5.64 -0.0108993 -0.00308264 0.588894 30749 10 1299 275 153910 0 0
5.65 -0.0107976 -0.00306755 0.588896 30759 10 1252 274 155475 0 0
5.66 -0.010696 -0.00305246 0.588898 30770 10 1261 280 155032 0 0
5.67 -0.0105943 -0.00303737 0.5889 30780 10 1277 301 154915 0 0
5.68 -0.0104926 -0.00302228 0.588902 30790 10 1246 277 154184 0 0
5.69 -0.010391 -0.00300719 0.588904 30801 10 1278 276 155278 0 0
5.7 -0.0102893 -0.0029921 0.588906 30811 10 1269 291 155937 0 0
5.71 -0.0101876 -0.002977 0.588907 30822 10 1309 254 154435 0 0
5.72 -0.010086 -0.00296191 0.588909 30832 10 1301 256 154628 0 0
5.73 -0.00998429 -0.00294682 0.588911 30842 10 1327 275 155503 0 0
5.74 -0.00988262 -0.00293173 0.588913 30853 10 1217 275 155908 0 0
5.75 -0.00978095 -0.00291664 0.588915 30863 10 1281 274 155692 0 0
5.76 -0.00967928 -0.00290154 0.588916 30873 10 1329 299 154451 0 0
5.77 -0.00957761 -0.00288645 0.588918 30884 10 1275 270 155517 0 0
5.78 -0.00947593 -0.00287136 0.58892 30894 10 1341 282 156056 0 0
5.79 -0.00937426 -0.00285627 0.588922 30905 10 1215 293 156100 0 0
5.8 -0.00927259 -0.00284118 0.588923 30915 10 1314 277 155381 0 0
5.81 -0.00917092 -0.00282608 0.588925 30925 10 1354 289 156261 0 0
5.82 -0.00906924 -0.00281099 0.588927 30936 10 1296 281 155764 0 0
5.83 -0.00896757 -0.0027959 0.588928 30946 10 1285 300 155638 0 0
5.84 -0.0088659 -0.00278081 0.58893 30957 10 1347 277 156138 0 0
5.85 -0.00876422 -0.00276571 0.588931 30967 10 1327 314 155672 0 0
5.86 -0.00866255 -0.00275062 0.588933 30977 10 1281 297 155598 0 0
5.87 -0.00856087 -0.00273553 0.588935 30988 10 1329 297 156459 0 0
5.88 -0.0084592 -0.00272043 0.588936 30998 10 1311 313 156032 0 0
5.89 -0.00835752 -0.00270534 0.588938 31008 10 1333 288 155986 0 0
5.9 -0.00825585 -0.00269025 0.588939 31019 10 1358 312 156993 0 0
5.91 -0.00815417 -0.00267515 0.588941 31029 10 1377 288 156270 0 0
5.92 -0.0080525 -0.00266006 0.588942 31040 10 1370 305 156174 0 0
5.93 -0.00795082 -0.00264497 0.588943 31050 10 1348 321 156749 0 0
5.94 -0.00784914 -0.00262987 0.588945 31060 10 1314 310 157398 0 0
5.95 -0.00774747 -0.00261478 0.588946 31071 10 1399 324 157021 0 0
5.96 -0.00764579 -0.00259969 0.588948 31081 10 1273 330 157247 0 0
5.97 -0.00754411 -0.00258459 0.588949 31091 10 1368 321 157112 0 0
5.98 -0.00744244 -0.0025695 0.58895 31102 10 1369 329 157398 0 0
5.99 -0.00734076 -0.00255441 0.588952 31112 10 1339 329 156748 0 0
6 -0.00723908 -0.00253931 0.588953 31123 10 1367 318 156996 0 0

6.01 -0.0071374 -0.00252422 0.588954 31133 10 1374 339 157472 0 0
6.02 -0.00703573 -0.00250912 0.588956 31143 10 1352 349 157429 0 0
6.03 -0.00693405 -0.00249403 0.588957 31154 10 1389 362 156994 0 0
6.04 -0.00683237 -0.00247893 0.588958 31164 10 1373 359 156955 0 0
6.05 -0.00673069 -0.00246384 0.588959 31175 10 1376 342 157313 0 0
6.06 -0.00662901 -0.00244875 0.588961 31185 10 1373 373 158680 0 0
6.07 -0.00652733 -0.00243365 0.588962 31195 10 1430 365 158373 0 0
6.08 -0.00642565 -0.00241856 0.588963 31206 10 1391 366 157754 0 0
6.09 -0.00632397 -0.00240346 0.588964 31216 10 1390 340 158085 0 0
6.1 -0.00622229 -0.00238837 0.588965 31226 10 1329 358 158099 0 0
6.11 -0.00612061 -0.00237327 0.588967 31237 10 1336 370 158312 0 0
6.12 -0.00601893 -0.00235818 0.588968 31247 10 1338 395 158733 0 0
6.13 -0.00591725 -0.00234308 0.588969 31258 10 1459 369 158448 0 0
6.14 -0.00581557 -0.00232799 0.58897 31268 10 1420 384 158368 0 0
6.15 -0.00571389 -0.00231289 0.588971 31278 10 1415 388 158731 0 0
6.16 -0.00561221 -0.0022978 0.588972 31289 10 1454 374 158623 0 0
6.17 -0.00551053 -0.0022827 0.588973 31299 10 1476 402 159295 0 0
6.18 -0.00540885 -0.00226761 0.588974 31309 10 1358 373 158992 0 0
6.19 -0.00530717 -0.00225251 0.588975 31320 10 1451 401 158567 0 0
6.2 -0.00520549 -0.00223742 0.588976 31330 10 1489 389 158726 0 0
6.21 -0.0051038 -0.00222232 0.588977 31341 10 1455 391 159250 0 0
6.22 -0.00500212 -0.00220723 0.588978 31351 10 1447 416 158936 0 0
6.23 -0.00490044 -0.00219213 0.588979 31361 10 1463 441 158914 0 0
6.24 -0.00479876 -0.00217703 0.58898 31372 10 1460 398 160040 0 0
6.25 -0.00469708 -0.00216194 0.58898 31382 10 1404 420 160015 0 0
6.26 -0.00459539 -0.00214684 0.588981 31392 10 1442 403 159491 0 0
6.27 -0.00449371 -0.00213175 0.588982 31403 10 1499 409 159944 0 0
6.28 -0.00439203 -0.00211665 0.588983 31413 10 1491 412 159755 0 0
6.29 -0.00429035 -0.00210155 0.588984 31424 10 1490 424 160123 0 0
6.3 -0.00418866 -0.00208646 0.588984 31434 10 1425 461 159617 0 0
6.31 -0.00408698 -0.00207136 0.588985 31444 10 1422 454 159751 0 0
6.32 -0.0039853 -0.00205627 0.588986 31455 10 1472 441 160236 0 0
6.33 -0.00388361 -0.00204117 0.588987 31465 10 1546 454 161002 0 0
6.34 -0.00378193 -0.00202607 0.588987 31476 10 1517 455 161032 0 0
6.35 -0.00368025 -0.00201098 0.588988 31486 10 1440 440 160698 0 0
6.36 -0.00357856 -0.00199588 0.588989 31496 10 1435 436 161499 0 0
6.37 -0.00347688 -0.00198078 0.588989 31507 10 1427 443 161148 0 0
6.38 -0.0033752 -0.00196569 0.58899 31517 10 1525 460 161206 0 0
6.39 -0.00327351 -0.00195059 0.588991 31527 10 1593 461 161081 0 0

6.4 -0.00317183 -0.00193549 0.588991 31538 10 1489 468 161950 0 0
6.41 -0.00307014 -0.0019204 0.588992 31548 10 1506 457 162035 0 0
6.42 -0.00296846 -0.0019053 0.588993 31559 10 1518 481 161403 0 0
6.43 -0.00286677 -0.0018902 0.588993 31569 10 1512 484 162017 0 0
6.44 -0.00276509 -0.00187511 0.588994 31579 10 1550 485 161772 0 0
6.45 -0.00266341 -0.00186001 0.588994 31590 10 1551 493 162787 0 0
6.46 -0.00256172 -0.00184491 0.588995 31600 10 1589 469 162984 0 0
6.47 -0.00246004 -0.00182981 0.588995 31610 10 1584 536 162317 0 0
6.48 -0.00235835 -0.00181472 0.588996 31621 10 1588 497 162912 0 0
6.49 -0.00225667 -0.00179962 0.588996 31631 10 1672 512 163000 0 0
6.5 -0.00215498 -0.00178452 0.588996 31642 10 1602 491 162708 0 0
6.51 -0.0020533 -0.00176943 0.588997 31652 10 1530 509 162452 0 0
6.52 -0.00195161 -0.00175433 0.588997 31662 10 1626 510 162780 0 0
6.53 -0.00184993 -0.00173923 0.588998 31673 10 1660 503 163813 0 0
6.54 -0.00174824 -0.00172413 0.588998 31683 10 1553 528 163169 0 0
6.55 -0.00164656 -0.00170904 0.588998 31693 10 1633 549 164173 0 0
6.56 -0.00154487 -0.00169394 0.588999 31704 10 1663 541 163367 0 0
6.57 -0.00144319 -0.00167884 0.588999 31714 10 1670 538 164557 0 0
6.58 -0.0013415 -0.00166374 0.588999 31725 10 1666 533 163691 0 0
6.59 -0.00123981 -0.00164865 0.588999 31735 10 1590 529 163838 0 0
6.6 -0.00113813 -0.00163355 0.589 31745 10 1647 526 164108 0 0
6.61 -0.00103644 -0.00161845 0.589 31756 10 1661 530 164971 0 0
6.62 -0.000934759 -0.00160335 0.589 31766 10 1643 544 164509 0 0
6.63 -0.000833073 -0.00158825 0.589 31777 10 1757 563 164861 0 0
6.64 -0.000731388 -0.00157316 0.589001 31787 10 1705 579 165852 0 0
6.65 -0.000629702 -0.00155806 0.589001 31797 10 1829 571 165883 0 0
6.66 -0.000528016 -0.00154296 0.589001 31808 10 1925 567 164964 0 0
6.67 -0.000426331 -0.00152786 0.589001 31818 10 2107 589 166208 0 0
6.68 -0.000324645 -0.00151276 0.589001 31828 10 2313 597 165713 0 0
6.69 -0.00022296 -0.00149767 0.589001 31839 10 2499 559 166843 0 0
6.7 -0.000121274 -0.00148257 0.589001 31849 10 2590 612 166814 0 0
6.71 -1.95884e-05 -0.00146747 0.589001 31860 10 2670 598 167900 0 0
6.72 8.20973e-05 -0.00145237 0.589001 31870 10 2507 611 168199 0 0
6.73 0.000183783 -0.00143727 0.589001 31880 10 2502 610 168939 0 0
6.74 0.000285469 -0.00142217 0.589001 31891 10 2249 631 168885 0 0
6.75 0.000387154 -0.00140707 0.589001 31901 10 2039 717 170224 0 0
6.76 0.00048884 -0.00139198 0.589001 31911 10 1905 831 170091 0 0
6.77 0.000590525 -0.00137688 0.589001 31922 10 1863 971 172229 0 0
6.78 0.000692211 -0.00136178 0.589001 31932 10 2150 975 173296 0 0

6.79 0.000793896 -0.00134668 0.589001 31943 10 2419 1111 174386 0 0
6.8 0.000895582 -0.00133158 0.589001 31953 10 2654 1189 174726 0 0
6.81 0.000997267 -0.00131648 0.589001 31963 10 2884 1206 175571 0 0
6.82 0.00109895 -0.00130138 0.589001 31974 10 2954 1326 176114 0 0
6.83 0.00120064 -0.00128629 0.589 31984 10 2839 1348 178091 0 0
6.84 0.00130232 -0.00127119 0.589 31994 10 2624 1439 179276 0 0
6.85 0.00140401 -0.00125609 0.589 32005 10 2379 1508 180614 0 0
6.86 0.00150569 -0.00124099 0.589 32015 10 1983 1587 181050 0 0
6.87 0.00160738 -0.00122589 0.589 32026 10 1735 1633 182758 0 0
6.88 0.00170906 -0.00121079 0.588999 32036 10 1716 1623 183276 0 0
6.89 0.00181075 -0.00119569 0.588999 32046 10 1657 1654 184000 0 0
6.9 0.00191244 -0.00118059 0.588999 32057 10 1593 1681 184684 0 0
6.91 0.00201412 -0.00116549 0.588998 32067 10 1786 1589 185323 0 0
6.92 0.00211581 -0.00115039 0.588998 32078 10 1684 1622 185375 0 0
6.93 0.00221749 -0.00113529 0.588998 32088 10 1763 1590 187283 0 0
6.94 0.00231917 -0.0011202 0.588997 32098 10 1706 1596 186488 0 0
6.95 0.00242086 -0.0011051 0.588997 32109 10 1700 1528 186504 0 0
6.96 0.00252254 -0.00109 0.588997 32119 10 1720 1663 186653 0 0
6.97 0.00262423 -0.0010749 0.588996 32129 10 1611 1557 185769 0 0
6.98 0.00272591 -0.0010598 0.588996 32140 10 1600 1642 185621 0 0
6.99 0.0028276 -0.0010447 0.588995 32150 10 1600 1700 185279 0 0
7 0.00292928 -0.0010296 0.588995 32161 10 1574 1648 184621 0 0
7.01 0.00303097 -0.0010145 0.588994 32171 10 1589 1698 184238 0 0
7.02 0.00313265 -0.0009994 0.588994 32181 10 1553 1638 183178 0 0
7.03 0.00323434 -0.000984301 0.588993 32192 10 1628 1544 181785 0 0
7.04 0.00333602 -0.000969201 0.588993 32202 10 1600 1502 182095 0 0
7.05 0.0034377 -0.000954102 0.588992 32212 10 1579 1463 180315 0 0
7.06 0.00353939 -0.000939002 0.588992 32223 10 1604 1385 180148 0 0
7.07 0.00364107 -0.000923902 0.588991 32233 10 1588 1390 179264 0 0
7.08 0.00374275 -0.000908803 0.58899 32244 10 1535 1336 177293 0 0
7.09 0.00384444 -0.000893703 0.58899 32254 10 1507 1256 175610 0 0
7.1 0.00394612 -0.000878603 0.588989 32264 10 1517 1137 174049 0 0
7.11 0.0040478 -0.000863504 0.588989 32275 10 1588 1087 173258 0 0
7.12 0.00414949 -0.000848404 0.588988 32285 10 1579 1036 173563 0 0
7.13 0.00425117 -0.000833304 0.588987 32296 10 1597 881 171963 0 0
7.14 0.00435285 -0.000818204 0.588986 32306 10 1514 817 169748 0 0
7.15 0.00445454 -0.000803104 0.588986 32316 10 1500 774 169712 0 0
7.16 0.00455622 -0.000788004 0.588985 32327 10 1549 693 168770 0 0
7.17 0.0046579 -0.000772904 0.588984 32337 10 1471 647 167356 0 0

7.18 0.00475958 -0.000757804 0.588983 32347 10 1470 610 166732 0 0
7.19 0.00486127 -0.000742705 0.588983 32358 10 1493 631 165555 0 0
7.2 0.00496295 -0.000727605 0.588982 32368 10 1476 597 165287 0 0
7.21 0.00506463 -0.000712505 0.588981 32379 10 1508 596 165663 0 0
7.22 0.00516631 -0.000697405 0.58898 32389 10 1453 645 165229 0 0
7.23 0.00526799 -0.000682304 0.588979 32399 10 1380 612 164458 0 0
7.24 0.00536967 -0.000667204 0.588978 32410 10 1499 621 164337 0 0
7.25 0.00547136 -0.000652104 0.588977 32420 10 1472 587 162944 0 0
7.26 0.00557304 -0.000637004 0.588976 32430 10 1405 567 164082 0 0
7.27 0.00567472 -0.000621904 0.588975 32441 10 1421 588 163362 0 0
7.28 0.0057764 -0.000606804 0.588974 32451 10 1360 575 163250 0 0
7.29 0.00587808 -0.000591704 0.588973 32462 10 1448 545 163217 0 0
7.3 0.00597976 -0.000576604 0.588972 32472 10 1491 550 162404 0 0
7.31 0.00608144 -0.000561503 0.588971 32482 10 1396 567 162559 0 0
7.32 0.00618312 -0.000546403 0.58897 32493 10 1406 547 162243 0 0
7.33 0.0062848 -0.000531303 0.588969 32503 10 1388 546 161804 0 0
7.34 0.00638648 -0.000516203 0.588968 32513 10 1412 549 162352 0 0
7.35 0.00648816 -0.000501102 0.588967 32524 10 1409 525 161729 0 0
7.36 0.00658984 -0.000486002 0.588966 32534 10 1441 528 161752 0 0
7.37 0.00669152 -0.000470902 0.588965 32545 10 1452 515 160999 0 0
7.38 0.00679319 -0.000455802 0.588964 32555 10 1348 534 161345 0 0
7.39 0.00689487 -0.000440701 0.588963 32565 10 1332 504 160441 0 0
7.4 0.00699655 -0.000425601 0.588961 32576 10 1407 520 160121 0 0
7.41 0.00709823 -0.000410501 0.58896 32586 10 1382 502 160041 0 0
7.42 0.00719991 -0.0003954 0.588959 32597 10 1398 497 160037 0 0
7.43 0.00730159 -0.0003803 0.588958 32607 10 1365 511 158332 0 0
7.44 0.00740326 -0.000365199 0.588956 32617 10 1383 481 159087 0 0
7.45 0.00750494 -0.000350099 0.588955 32628 10 1363 473 158866 0 0
7.46 0.00760662 -0.000334999 0.588954 32638 10 1351 516 157866 0 0
7.47 0.00770829 -0.000319898 0.588953 32648 10 1331 454 157130 0 0
7.48 0.00780997 -0.000304798 0.588951 32659 10 1358 472 158077 0 0
7.49 0.00791165 -0.000289697 0.58895 32669 10 1360 476 157940 0 0
7.5 0.00801332 -0.000274597 0.588949 32680 10 1330 455 157297 0 0
7.51 0.008115 -0.000259496 0.588947 32690 10 1281 471 157453 0 0
7.52 0.00821668 -0.000244396 0.588946 32700 10 1316 484 158138 0 0
7.53 0.00831835 -0.000229296 0.588944 32711 10 1272 453 157350 0 0
7.54 0.00842003 -0.000214195 0.588943 32721 10 1327 446 157356 0 0
7.55 0.0085217 -0.000199095 0.588941 32731 10 1308 442 157475 0 0
7.56 0.00862338 -0.000183994 0.58894 32742 10 1308 434 156098 0 0

7.57 0.00872505 -0.000168894 0.588938 32752 10 1329 424 156863 0 0
7.58 0.00882672 -0.000153793 0.588937 32763 10 1333 446 156886 0 0
7.59 0.0089284 -0.000138693 0.588935 32773 10 1256 432 156010 0 0
7.6 0.00903007 -0.000123592 0.588934 32783 10 1300 417 155092 0 0
7.61 0.00913174 -0.000108492 0.588932 32794 10 1361 431 156137 0 0
7.62 0.00923342 -9.33911e-05 0.588931 32804 10 1295 402 155743 0 0
7.63 0.00933509 -7.82906e-05 0.588929 32814 10 1325 413 154884 0 0
7.64 0.00943676 -6.319e-05 0.588927 32825 10 1269 422 155515 0 0
7.65 0.00953843 -4.80895e-05 0.588926 32835 10 1299 411 154685 0 0
7.66 0.00964011 -3.2989e-05 0.588924 32846 10 1228 393 154546 0 0
7.67 0.00974178 -1.78885e-05 0.588923 32856 10 1244 419 154830 0 0
7.68 0.00984345 -2.78795e-06 0.588921 32866 10 1263 383 154115 0 0
7.69 0.00994512 1.23126e-05 0.588919 32877 10 1301 385 153411 0 0
7.7 0.0100468 2.74131e-05 0.588917 32887 10 1271 387 154454 0 0
7.71 0.0101485 4.25136e-05 0.588916 32897 10 1233 381 154109 0 0
7.72 0.0102501 5.76141e-05 0.588914 32908 10 1286 388 153718 0 0
7.73 0.0103518 7.27147e-05 0.588912 32918 10 1303 363 153209 0 0
7.74 0.0104535 8.78152e-05 0.58891 32929 10 1301 386 153114 0 0
7.75 0.0105551 0.000102916 0.588908 32939 10 1218 372 152194 0 0
7.76 0.0106568 0.000118016 0.588907 32949 10 1199 361 152143 0 0
7.77 0.0107585 0.000133117 0.588905 32960 10 1213 383 152517 0 0
7.78 0.0108601 0.000148217 0.588903 32970 10 1210 362 151820 0 0
7.79 0.0109618 0.000163318 0.588901 32981 10 1264 353 152646 0 0
7.8 0.0110635 0.000178418 0.588899 32991 10 1206 348 152442 0 0
7.81 0.0111651 0.000193519 0.588897 33001 10 1245 357 151467 0 0
7.82 0.0112668 0.000208619 0.588895 33012 10 1168 351 151507 0 0
7.83 0.0113685 0.00022372 0.588893 33022 10 1256 336 152191 0 0
7.84 0.0114701 0.00023882 0.588891 33032 10 1240 341 152239 0 0
7.85 0.0115718 0.000253921 0.588889 33043 10 1244 326 150485 0 0
7.86 0.0116735 0.000269021 0.588887 33053 10 1140 362 151760 0 0
7.87 0.0117751 0.000284122 0.588885 33064 10 1248 329 150502 0 0
7.88 0.0118768 0.000299222 0.588883 33074 10 1244 332 150324 0 0
7.89 0.0119785 0.000314322 0.588881 33084 10 1225 337 150725 0 0
7.9 0.0120801 0.000329423 0.588879 33095 10 1189 347 150378 0 0
7.91 0.0121818 0.000344523 0.588877 33105 10 1154 344 150824 0 0
7.92 0.0122835 0.000359624 0.588875 33115 10 1172 332 150768 0 0
7.93 0.0123851 0.000374724 0.588873 33126 10 1191 320 149822 0 0
7.94 0.0124868 0.000389824 0.588871 33136 10 1155 325 149212 0 0
7.95 0.0125884 0.000404925 0.588868 33147 10 1260 306 149790 0 0

7.96 0.0126901 0.000420025 0.588866 33157 10 1186 304 149225 0 0
7.97 0.0127918 0.000435125 0.588864 33167 10 1238 322 148852 0 0
7.98 0.0128934 0.000450226 0.588862 33178 10 1181 311 149387 0 0
7.99 0.0129951 0.000465326 0.58886 33188 10 1247 307 149409 0 0
8 0.0130968 0.000480426 0.588857 33199 10 1123 301 149599 0 0
8.01 0.0131984 0.000495527 0.588855 33209 10 1211 304 148955 0 0
8.02 0.0133001 0.000510627 0.588853 33219 10 1166 295 148013 0 0
8.03 0.0134017 0.000525727 0.58885 33230 10 1215 285 148642 0 0
8.04 0.0135034 0.000540827 0.588848 33240 10 1158 277 148600 0 0
8.05 0.013605 0.000555928 0.588846 33250 10 1116 291 148023 0 0
8.06 0.0137067 0.000571028 0.588843 33261 10 1120 274 148454 0 0
8.07 0.0138084 0.000586128 0.588841 33271 10 1178 276 147768 0 0
8.08 0.01391 0.000601228 0.588839 33282 10 1139 288 147770 0 0
8.09 0.0140117 0.000616328 0.588836 33292 10 1111 259 147716 0 0
8.1 0.0141133 0.000631428 0.588834 33302 10 1234 268 146984 0 0
8.11 0.014215 0.000646529 0.588831 33313 10 1191 260 147247 0 0
8.12 0.0143166 0.000661629 0.588829 33323 10 1128 270 147298 0 0
8.13 0.0144183 0.000676729 0.588826 33333 10 1171 279 147724 0 0
8.14 0.01452 0.000691829 0.588824 33344 10 1070 277 147172 0 0
8.15 0.0146216 0.000706929 0.588821 33354 10 1096 251 146448 0 0
8.16 0.0147233 0.000722029 0.588819 33365 10 1151 262 147327 0 0
8.17 0.0148249 0.000737129 0.588816 33375 10 1110 264 146419 0 0
8.18 0.0149266 0.000752229 0.588813 33385 10 1097 243 146784 0 0
8.19 0.0150282 0.000767329 0.588811 33396 10 1120 262 146232 0 0
8.2 0.0151299 0.000782429 0.588808 33406 10 1140 256 147336 0 0
8.21 0.0152315 0.000797529 0.588806 33416 10 1133 265 146226 0 0
8.22 0.0153332 0.000812628 0.588803 33427 10 1116 267 146169 0 0
8.23 0.0154348 0.000827728 0.5888 33437 10 1155 251 145800 0 0
8.24 0.0155365 0.000842828 0.588798 33448 10 1133 273 146160 0 0
8.25 0.0156381 0.000857928 0.588795 33458 10 1138 234 145627 0 0
8.26 0.0157398 0.000873028 0.588792 33468 10 1168 256 145529 0 0
8.27 0.0158414 0.000888127 0.588789 33479 10 1151 250 145530 0 0
8.28 0.0159431 0.000903227 0.588787 33489 10 1108 264 144756 0 0
8.29 0.0160447 0.000918327 0.588784 33500 10 1125 242 144842 0 0
8.3 0.0161464 0.000933426 0.588781 33510 10 1047 253 145017 0 0
8.31 0.016248 0.000948526 0.588778 33520 10 1112 231 144545 0 0
8.32 0.0163497 0.000963626 0.588775 33531 10 1064 244 144633 0 0
8.33 0.0164513 0.000978725 0.588772 33541 10 1068 283 145050 0 0
8.34 0.0165529 0.000993825 0.58877 33551 10 1077 249 143856 0 0

8.35 0.0166546 0.00100892 0.588767 33562 10 1128 247 144572 0 0
8.36 0.0167562 0.00102402 0.588764 33572 10 1046 239 145252 0 0
8.37 0.0168579 0.00103912 0.588761 33583 10 1095 260 143809 0 0
8.38 0.0169595 0.00105422 0.588758 33593 10 1075 264 143793 0 0
8.39 0.0170612 0.00106932 0.588755 33603 10 1086 259 143601 0 0
8.4 0.0171628 0.00108442 0.588752 33614 10 1070 250 143951 0 0
8.41 0.0172644 0.00109952 0.588749 33624 10 1056 239 144216 0 0
8.42 0.0173661 0.00111462 0.588746 33634 10 1158 240 143920 0 0
8.43 0.0174677 0.00112972 0.588743 33645 10 1031 227 144017 0 0
8.44 0.0175694 0.00114482 0.58874 33655 10 1063 250 143547 0 0
8.45 0.017671 0.00115992 0.588737 33666 10 1048 252 143317 0 0
8.46 0.0177726 0.00117502 0.588734 33676 10 1105 273 143760 0 0
8.47 0.0178743 0.00119012 0.588731 33686 10 1109 249 143743 0 0
8.48 0.0179759 0.00120522 0.588727 33697 10 1051 235 143025 0 0
8.49 0.0180776 0.00122031 0.588724 33707 10 1110 232 143240 0 0
8.5 0.0181792 0.00123541 0.588721 33717 10 1077 254 143368 0 0
8.51 0.0182808 0.00125051 0.588718 33728 10 1133 269 142641 0 0
8.52 0.0183825 0.00126561 0.588715 33738 10 1065 239 143182 0 0
8.53 0.0184841 0.00128071 0.588712 33749 10 1096 272 143032 0 0
8.54 0.0185857 0.00129581 0.588708 33759 10 1093 248 142791 0 0
8.55 0.0186874 0.00131091 0.588705 33769 10 1068 252 142901 0 0
8.56 0.018789 0.00132601 0.588702 33780 10 1100 252 142941 0 0
8.57 0.0188906 0.00134111 0.588699 33790 10 1054 247 142476 0 0
8.58 0.0189923 0.0013562 0.588695 33801 10 1028 234 142201 0 0
8.59 0.0190939 0.0013713 0.588692 33811 10 1034 235 142149 0 0
8.6 0.0191955 0.0013864 0.588689 33821 10 1064 266 142264 0 0
8.61 0.0192972 0.0014015 0.588685 33832 10 1071 267 142371 0 0
8.62 0.0193988 0.0014166 0.588682 33842 10 1071 264 141761 0 0
8.63 0.0195004 0.0014317 0.588678 33852 10 1073 235 142013 0 0
8.64 0.019602 0.00144679 0.588675 33863 10 1059 260 141501 0 0
8.65 0.0197037 0.00146189 0.588672 33873 10 1042 241 142120 0 0
8.66 0.0198053 0.00147699 0.588668 33884 10 1024 252 142281 0 0
8.67 0.0199069 0.00149209 0.588665 33894 10 1041 224 141181 0 0
8.68 0.0200085 0.00150719 0.588661 33904 10 1100 261 142021 0 0
8.69 0.0201102 0.00152229 0.588658 33915 10 1028 251 141823 0 0
8.7 0.0202118 0.00153738 0.588654 33925 10 1049 248 141799 0 0
8.71 0.0203134 0.00155248 0.588651 33935 10 1033 281 141554 0 0
8.72 0.020415 0.00156758 0.588647 33946 10 1027 255 140670 0 0
8.73 0.0205167 0.00158268 0.588644 33956 10 1077 246 141373 0 0

8.74 0.0206183 0.00159778 0.58864 33967 10 1051 261 141134 0 0
8.75 0.0207199 0.00161287 0.588636 33977 10 1077 246 140761 0 0
8.76 0.0208215 0.00162797 0.588633 33987 10 1035 246 141396 0 0
8.77 0.0209232 0.00164307 0.588629 33998 10 1064 249 140462 0 0
8.78 0.0210248 0.00165817 0.588625 34008 10 1063 227 140623 0 0
8.79 0.0211264 0.00167327 0.588622 34018 10 1102 253 140227 0 0
8.8 0.021228 0.00168836 0.588618 34029 10 990 254 140710 0 0
8.81 0.0213296 0.00170346 0.588614 34039 10 1089 249 141051 0 0
8.82 0.0214312 0.00171856 0.588611 34050 10 1091 269 139964 0 0
8.83 0.0215329 0.00173366 0.588607 34060 10 1105 254 140438 0 0
8.84 0.0216345 0.00174875 0.588603 34070 10 1047 237 141373 0 0
8.85 0.0217361 0.00176385 0.588599 34081 10 1104 240 140272 0 0
8.86 0.0218377 0.00177895 0.588595 34091 10 1038 241 140497 0 0
8.87 0.0219393 0.00179405 0.588592 34102 10 1043 242 140466 0 0
8.88 0.0220409 0.00180914 0.588588 34112 10 1050 246 140866 0 0
8.89 0.0221425 0.00182424 0.588584 34122 10 988 252 140453 0 0
8.9 0.0222442 0.00183934 0.58858 34133 10 1023 261 140074 0 0
8.91 0.0223458 0.00185443 0.588576 34143 10 999 262 140810 0 0
8.92 0.0224474 0.00186953 0.588572 34153 10 1049 267 139552 0 0
8.93 0.022549 0.00188463 0.588568 34164 10 982 228 140327 0 0
8.94 0.0226506 0.00189973 0.588564 34174 10 1015 245 139952 0 0
8.95 0.0227522 0.00191482 0.58856 34185 10 1060 262 139702 0 0
8.96 0.0228538 0.00192992 0.588556 34195 10 1035 233 139821 0 0
8.97 0.0229554 0.00194502 0.588552 34205 10 1057 235 141013 0 0
8.98 0.023057 0.00196011 0.588548 34216 10 1003 253 139279 0 0
8.99 0.0231586 0.00197521 0.588544 34226 10 1040 222 139121 0 0
9 0.0232602 0.00199031 0.58854 34236 10 995 267 140150 0 0
9.01 0.0233618 0.0020054 0.588536 34247 10 971 264 138655 0 0
9.02 0.0234634 0.0020205 0.588532 34257 10 1070 234 139601 0 0
9.03 0.023565 0.0020356 0.588528 34268 10 1051 235 139461 0 0
9.04 0.0236666 0.00205069 0.588524 34278 10 1057 212 139706 0 0
9.05 0.0237683 0.00206579 0.58852 34288 10 1014 239 139297 0 0
9.06 0.0238699 0.00208088 0.588516 34299 10 1008 240 139915 0 0
9.07 0.0239715 0.00209598 0.588511 34309 10 1038 240 139023 0 0
9.08 0.0240731 0.00211108 0.588507 34319 10 1095 233 139093 0 0
9.09 0.0241746 0.00212617 0.588503 34330 10 1022 248 138689 0 0
9.1 0.0242762 0.00214127 0.588499 34340 10 1009 276 139129 0 0
9.11 0.0243778 0.00215636 0.588494 34351 10 1068 255 138662 0 0
9.12 0.0244794 0.00217146 0.58849 34361 10 992 238 138516 0 0

9.13 0.024581 0.00218656 0.588486 34371 10 1026 258 138309 0 0
9.14 0.0246826 0.00220165 0.588482 34382 10 1087 264 139110 0 0
9.15 0.0247842 0.00221675 0.588477 34392 10 1049 261 139043 0 0
9.16 0.0248858 0.00223184 0.588473 34403 10 984 253 138688 0 0
9.17 0.0249874 0.00224694 0.588469 34413 10 1055 244 139071 0 0
9.18 0.025089 0.00226203 0.588464 34423 10 1022 251 139104 0 0
9.19 0.0251906 0.00227713 0.58846 34434 10 1078 263 139017 0 0
9.2 0.0252922 0.00229222 0.588455 34444 10 1058 226 139111 0 0
9.21 0.0253938 0.00230732 0.588451 34454 10 1005 257 137907 0 0
9.22 0.0254954 0.00232241 0.588446 34465 10 1053 248 138844 0 0
9.23 0.0255969 0.00233751 0.588442 34475 10 975 233 138376 0 0
9.24 0.0256985 0.0023526 0.588437 34486 10 1032 249 139214 0 0
9.25 0.0258001 0.0023677 0.588433 34496 10 1016 201 138274 0 0
9.26 0.0259017 0.00238279 0.588428 34506 10 1009 237 138826 0 0
9.27 0.0260033 0.00239789 0.588424 34517 10 986 227 138602 0 0
9.28 0.0261049 0.00241298 0.588419 34527 10 1104 258 138081 0 0
9.29 0.0262065 0.00242808 0.588415 34537 10 1020 221 138632 0 0
9.3 0.026308 0.00244317 0.58841 34548 10 997 241 138055 0 0
9.31 0.0264096 0.00245827 0.588406 34558 10 1009 241 138365 0 0
9.32 0.0265112 0.00247336 0.588401 34569 10 1003 234 138040 0 0
9.33 0.0266128 0.00248846 0.588396 34579 10 1058 253 138256 0 0
9.34 0.0267144 0.00250355 0.588392 34589 10 1042 231 137842 0 0
9.35 0.0268159 0.00251864 0.588387 34600 10 1029 250 138146 0 0
9.36 0.0269175 0.00253374 0.588382 34610 10 1005 225 138616 0 0
9.37 0.0270191 0.00254883 0.588378 34620 10 1028 232 138097 0 0
9.38 0.0271207 0.00256393 0.588373 34631 10 968 245 137722 0 0
9.39 0.0272222 0.00257902 0.588368 34641 10 1040 231 137916 0 0
9.4 0.0273238 0.00259411 0.588363 34652 10 978 247 137425 0 0
9.41 0.0274254 0.00260921 0.588358 34662 10 1024 238 137819 0 0
9.42 0.027527 0.0026243 0.588354 34672 10 995 276 136698 0 0
9.43 0.0276285 0.00263939 0.588349 34683 10 1045 260 137831 0 0
9.44 0.0277301 0.00265449 0.588344 34693 10 1046 244 137242 0 0
9.45 0.0278317 0.00266958 0.588339 34704 10 1051 234 137995 0 0
9.46 0.0279332 0.00268467 0.588334 34714 10 1030 224 137792 0 0
9.47 0.0280348 0.00269977 0.588329 34724 10 1035 242 138085 0 0
9.48 0.0281364 0.00271486 0.588324 34735 10 1004 236 136793 0 0
9.49 0.0282379 0.00272995 0.588319 34745 10 965 250 136652 0 0
9.5 0.0283395 0.00274505 0.588315 34755 10 968 262 137280 0 0
9.51 0.0284411 0.00276014 0.58831 34766 10 1064 227 137351 0 0

9.52 0.0285426 0.00277523 0.588305 34776 10 949 231 137246 0 0
9.53 0.0286442 0.00279033 0.5883 34787 10 1038 239 137260 0 0
9.54 0.0287458 0.00280542 0.588295 34797 10 985 251 137633 0 0
9.55 0.0288473 0.00282051 0.588289 34807 10 991 242 137126 0 0
9.56 0.0289489 0.0028356 0.588284 34818 10 952 237 137716 0 0
9.57 0.0290505 0.0028507 0.588279 34828 10 973 234 137380 0 0
9.58 0.029152 0.00286579 0.588274 34838 10 1008 244 137080 0 0
9.59 0.0292536 0.00288088 0.588269 34849 10 1035 233 137648 0 0
9.6 0.0293551 0.00289597 0.588264 34859 10 1015 242 137267 0 0
9.61 0.0294567 0.00291106 0.588259 34870 10 1022 249 136961 0 0
9.62 0.0295582 0.00292616 0.588254 34880 10 975 249 136601 0 0
9.63 0.0296598 0.00294125 0.588248 34890 10 996 235 137395 0 0
9.64 0.0297613 0.00295634 0.588243 34901 10 954 256 136613 0 0
9.65 0.0298629 0.00297143 0.588238 34911 10 1011 207 137345 0 0
9.66 0.0299644 0.00298652 0.588233 34922 10 988 255 137063 0 0
9.67 0.030066 0.00300161 0.588228 34932 10 995 217 136840 0 0
9.68 0.0301675 0.00301671 0.588222 34942 10 966 241 136436 0 0
9.69 0.0302691 0.0030318 0.588217 34953 10 1003 240 136677 0 0
9.7 0.0303706 0.00304689 0.588212 34963 10 1042 231 136947 0 0
9.71 0.0304722 0.00306198 0.588206 34973 10 1073 240 136830 0 0
9.72 0.0305737 0.00307707 0.588201 34984 10 1017 245 137012 0 0
9.73 0.0306753 0.00309216 0.588196 34994 10 973 225 136208 0 0
9.74 0.0307768 0.00310725 0.58819 35005 10 1032 228 136427 0 0
9.75 0.0308784 0.00312234 0.588185 35015 10 1005 234 136482 0 0
9.76 0.0309799 0.00313743 0.588179 35025 10 1001 244 136516 0 0
9.77 0.0310815 0.00315252 0.588174 35036 10 1024 246 136862 0 0
9.78 0.031183 0.00316761 0.588169 35046 10 954 244 136553 0 0
9.79 0.0312845 0.0031827 0.588163 35056 10 1000 239 136236 0 0
9.8 0.0313861 0.00319779 0.588158 35067 10 1021 270 136910 0 0
9.81 0.0314876 0.00321288 0.588152 35077 10 1008 226 136494 0 0
9.82 0.0315891 0.00322797 0.588147 35088 10 963 255 136451 0 0
9.83 0.0316907 0.00324306 0.588141 35098 10 1012 257 136518 0 0
9.84 0.0317922 0.00325815 0.588135 35108 10 986 228 136204 0 0
9.85 0.0318937 0.00327324 0.58813 35119 10 1014 235 136849 0 0
9.86 0.0319953 0.00328833 0.588124 35129 10 970 246 135998 0 0
9.87 0.0320968 0.00330342 0.588119 35139 10 1001 228 135754 0 0
9.88 0.0321983 0.00331851 0.588113 35150 10 1019 218 136092 0 0
9.89 0.0322999 0.0033336 0.588107 35160 10 974 243 136294 0 0
9.9 0.0324014 0.00334869 0.588102 35171 10 1036 230 136468 0 0

9.91 0.0325029 0.00336378 0.588096 35181 10 1007 227 136295 0 0
9.92 0.0326045 0.00337887 0.58809 35191 10 978 241 135053 0 0
9.93 0.032706 0.00339396 0.588085 35202 10 975 238 135431 0 0
9.94 0.0328075 0.00340905 0.588079 35212 10 1008 257 136271 0 0
9.95 0.032909 0.00342414 0.588073 35223 10 1007 213 136018 0 0
9.96 0.0330106 0.00343923 0.588067 35233 10 984 245 135317 0 0
9.97 0.0331121 0.00345431 0.588061 35243 10 1022 208 136627 0 0
9.98 0.0332136 0.0034694 0.588056 35254 10 1099 228 136048 0 0
9.99 0.0333151 0.00348449 0.58805 35264 10 984 229 135386 0 0
10 0.0334166 0.00349958 0.588044 35274 10 1016 250 135833 0 0
10.01 0.0335182 0.00351467 0.588038 35285 10 1002 238 135062 0 0
10.02 0.0336197 0.00352975 0.588032 35295 10 938 242 135671 0 0
10.03 0.0337212 0.00354484 0.588026 35306 10 1019 258 136307 0 0
10.04 0.0338227 0.00355993 0.58802 35316 10 1028 247 135854 0 0
10.05 0.0339242 0.00357502 0.588014 35326 10 977 233 135970 0 0
10.06 0.0340257 0.00359011 0.588009 35337 10 1044 239 136157 0 0
10.07 0.0341272 0.00360519 0.588003 35347 10 1081 249 134644 0 0
10.08 0.0342287 0.00362028 0.587997 35357 10 996 239 135698 0 0
10.09 0.0343303 0.00363537 0.587991 35368 10 1021 249 135633 0 0
10.1 0.0344318 0.00365046 0.587984 35378 10 938 239 135192 0 0
10.11 0.0345333 0.00366554 0.587978 35389 10 1004 254 135421 0 0
10.12 0.0346348 0.00368063 0.587972 35399 10 969 263 135020 0 0
10.13 0.0347363 0.00369572 0.587966 35409 10 1056 253 135365 0 0
10.14 0.0348378 0.0037108 0.58796 35420 10 985 265 135577 0 0
10.15 0.0349393 0.00372589 0.587954 35430 10 991 238 135554 0 0
10.16 0.0350408 0.00374098 0.587948 35440 10 1006 245 134959 0 0
10.17 0.0351423 0.00375606 0.587942 35451 10 1051 253 135266 0 0
10.18 0.0352438 0.00377115 0.587936 35461 10 1030 255 135302 0 0
10.19 0.0353453 0.00378623 0.587929 35472 10 1003 246 135454 0 0
10.2 0.0354468 0.00380132 0.587923 35482 10 969 239 135140 0 0
10.21 0.0355483 0.00381641 0.587917 35492 10 999 219 135219 0 0
10.22 0.0356498 0.00383149 0.587911 35503 10 1028 258 135388 0 0
10.23 0.0357513 0.00384658 0.587904 35513 10 977 234 135503 0 0
10.24 0.0358528 0.00386166 0.587898 35524 10 980 243 134961 0 0
10.25 0.0359543 0.00387675 0.587892 35534 10 1001 245 135325 0 0
10.26 0.0360558 0.00389183 0.587886 35544 10 1050 232 135212 0 0
10.27 0.0361572 0.00390692 0.587879 35555 10 990 219 135201 0 0
10.28 0.0362587 0.003922 0.587873 35565 10 982 231 134676 0 0
10.29 0.0363602 0.00393709 0.587867 35575 10 992 226 135234 0 0

10.3 0.0364617 0.00395217 0.58786 35586 10 1019 261 135718 0 0
10.31 0.0365632 0.00396726 0.587854 35596 10 1040 251 135090 0 0
10.32 0.0366647 0.00398234 0.587847 35607 10 1014 255 134510 0 0
10.33 0.0367662 0.00399743 0.587841 35617 10 1040 211 134555 0 0
10.34 0.0368676 0.00401251 0.587834 35627 10 999 252 135098 0 0
10.35 0.0369691 0.0040276 0.587828 35638 10 982 234 135163 0 0
10.36 0.0370706 0.00404268 0.587821 35648 10 964 245 134868 0 0
10.37 0.0371721 0.00405776 0.587815 35658 10 994 262 135118 0 0
10.38 0.0372736 0.00407285 0.587808 35669 10 958 220 134949 0 0
10.39 0.037375 0.00408793 0.587802 35679 10 978 239 134759 0 0
10.4 0.0374765 0.00410302 0.587795 35690 10 962 232 134317 0 0
10.41 0.037578 0.0041181 0.587789 35700 10 982 230 134733 0 0
10.42 0.0376795 0.00413318 0.587782 35710 10 959 254 134492 0 0
10.43 0.0377809 0.00414827 0.587775 35721 10 1081 274 135435 0 0
10.44 0.0378824 0.00416335 0.587769 35731 10 1027 254 134809 0 0
10.45 0.0379839 0.00417843 0.587762 35742 10 964 236 135208 0 0
10.46 0.0380853 0.00419351 0.587756 35752 10 983 263 134958 0 0
10.47 0.0381868 0.0042086 0.587749 35762 10 994 230 134286 0 0
10.48 0.0382883 0.00422368 0.587742 35773 10 994 240 134563 0 0
10.49 0.0383897 0.00423876 0.587735 35783 10 997 249 134542 0 0
10.5 0.0384912 0.00425384 0.587729 35793 10 1019 239 134966 0 0
10.51 0.0385927 0.00426893 0.587722 35804 10 1035 266 135343 0 0
10.52 0.0386941 0.00428401 0.587715 35814 10 954 270 134909 0 0
10.53 0.0387956 0.00429909 0.587708 35825 10 994 224 134436 0 0
10.54 0.0388971 0.00431417 0.587701 35835 10 971 229 133788 0 0
10.55 0.0389985 0.00432925 0.587695 35845 10 992 241 133993 0 0
10.56 0.0391 0.00434434 0.587688 35856 10 996 247 134750 0 0
10.57 0.0392014 0.00435942 0.587681 35866 10 973 263 134736 0 0
10.58 0.0393029 0.0043745 0.587674 35876 10 1012 230 135252 0 0
10.59 0.0394043 0.00438958 0.587667 35887 10 954 255 134407 0 0
10.6 0.0395058 0.00440466 0.58766 35897 10 1008 229 134715 0 0
10.61 0.0396072 0.00441974 0.587653 35908 10 948 252 134239 0 0
10.62 0.0397087 0.00443482 0.587646 35918 10 1031 249 134646 0 0
10.63 0.0398101 0.0044499 0.587639 35928 10 960 237 134226 0 0
10.64 0.0399116 0.00446498 0.587632 35939 10 964 257 134303 0 0
10.65 0.040013 0.00448006 0.587625 35949 10 1042 268 133803 0 0
10.66 0.0401145 0.00449514 0.587618 35959 10 983 242 134057 0 0
10.67 0.0402159 0.00451022 0.587611 35970 10 986 250 134947 0 0
10.68 0.0403174 0.0045253 0.587604 35980 10 963 233 133546 0 0

10.69 0.0404188 0.00454038 0.587597 35991 10 958 246 134413 0 0
10.7 0.0405202 0.00455546 0.58759 36001 10 979 226 134905 0 0
10.71 0.0406217 0.00457054 0.587583 36011 10 982 200 134117 0 0
10.72 0.0407231 0.00458562 0.587576 36022 10 975 223 133626 0 0
10.73 0.0408246 0.0046007 0.587569 36032 10 984 233 134702 0 0
10.74 0.040926 0.00461578 0.587561 36043 10 1012 233 133610 0 0
10.75 0.0410274 0.00463086 0.587554 36053 10 999 255 133770 0 0
10.76 0.0411289 0.00464594 0.587547 36063 10 1022 217 134177 0 0
10.77 0.0412303 0.00466102 0.58754 36074 10 1020 252 134549 0 0
10.78 0.0413317 0.0046761 0.587533 36084 10 1003 254 134539 0 0
10.79 0.0414331 0.00469117 0.587525 36094 10 970 242 134555 0 0
10.8 0.0415346 0.00470625 0.587518 36105 10 1006 230 134256 0 0
10.81 0.041636 0.00472133 0.587511 36115 10 982 221 134361 0 0
10.82 0.0417374 0.00473641 0.587503 36126 10 964 228 133693 0 0
10.83 0.0418388 0.00475149 0.587496 36136 10 1012 242 134343 0 0
10.84 0.0419403 0.00476656 0.587489 36146 10 1054 242 133848 0 0
10.85 0.0420417 0.00478164 0.587481 36157 10 997 248 133689 0 0
10.86 0.0421431 0.00479672 0.587474 36167 10 953 242 134496 0 0
10.87 0.0422445 0.0048118 0.587466 36177 10 922 245 134544 0 0
10.88 0.0423459 0.00482687 0.587459 36188 10 1012 249 134087 0 0
10.89 0.0424474 0.00484195 0.587452 36198 10 1011 219 134084 0 0
10.9 0.0425488 0.00485703 0.587444 36209 10 994 250 133771 0 0
10.91 0.0426502 0.0048721 0.587437 36219 10 935 264 133256 0 0
10.92 0.0427516 0.00488718 0.587429 36229 10 930 216 133784 0 0
10.93 0.042853 0.00490226 0.587422 36240 10 928 241 133903 0 0
10.94 0.0429544 0.00491733 0.587414 36250 10 925 225 133792 0 0
10.95 0.0430558 0.00493241 0.587407 36261 10 997 239 133922 0 0
10.96 0.0431572 0.00494748 0.587399 36271 10 938 219 133775 0 0
10.97 0.0432586 0.00496256 0.587391 36281 10 952 243 133382 0 0
10.98 0.04336 0.00497764 0.587384 36292 10 1012 221 133475 0 0
10.99 0.0434615 0.00499271 0.587376 36302 10 959 206 133047 0 0
11 0.0435629 0.00500779 0.587369 36312 10 986 236 133599 0 0
11.01 0.0436643 0.00502286 0.587361 36323 10 979 233 133456 0 0
11.02 0.0437657 0.00503794 0.587353 36333 10 1018 223 134080 0 0
11.03 0.043867 0.00505301 0.587346 36344 10 1016 239 133775 0 0
11.04 0.0439684 0.00506809 0.587338 36354 10 978 234 133773 0 0
11.05 0.0440698 0.00508316 0.58733 36364 10 1035 222 133712 0 0
11.06 0.0441712 0.00509823 0.587322 36375 10 1004 238 133770 0 0
11.07 0.0442726 0.00511331 0.587315 36385 10 999 242 134035 0 0

11.08 0.044374 0.00512838 0.587307 36395 10 1006 214 133337 0 0
11.09 0.0444754 0.00514346 0.587299 36406 10 995 238 133971 0 0
11.1 0.0445768 0.00515853 0.587291 36416 10 1005 232 133897 0 0
11.11 0.0446782 0.0051736 0.587283 36427 10 1030 232 133652 0 0
11.12 0.0447796 0.00518868 0.587275 36437 10 964 252 133061 0 0
11.13 0.044881 0.00520375 0.587268 36447 10 939 209 132663 0 0
11.14 0.0449823 0.00521882 0.58726 36458 10 997 224 133545 0 0
11.15 0.0450837 0.0052339 0.587252 36468 10 998 223 133370 0 0
11.16 0.0451851 0.00524897 0.587244 36478 10 994 234 133341 0 0
11.17 0.0452865 0.00526404 0.587236 36489 10 950 240 133959 0 0
11.18 0.0453879 0.00527911 0.587228 36499 10 943 219 133602 0 0
11.19 0.0454892 0.00529419 0.58722 36510 10 1078 234 133841 0 0
11.2 0.0455906 0.00530926 0.587212 36520 10 980 242 132900 0 0
11.21 0.045692 0.00532433 0.587204 36530 10 990 213 132814 0 0
11.22 0.0457933 0.0053394 0.587196 36541 10 1030 256 133252 0 0
11.23 0.0458947 0.00535447 0.587188 36551 10 978 244 133354 0 0
11.24 0.0459961 0.00536955 0.58718 36562 10 997 247 133340 0 0
11.25 0.0460975 0.00538462 0.587172 36572 10 996 242 133857 0 0
11.26 0.0461988 0.00539969 0.587164 36582 10 951 247 133591 0 0
11.27 0.0463002 0.00541476 0.587156 36593 10 1010 236 133991 0 0
11.28 0.0464015 0.00542983 0.587147 36603 10 951 229 133515 0 0
11.29 0.0465029 0.0054449 0.587139 36613 10 994 251 133099 0 0
11.3 0.0466043 0.00545997 0.587131 36624 10 947 230 133598 0 0
11.31 0.0467056 0.00547504 0.587123 36634 10 1010 219 133417 0 0
11.32 0.046807 0.00549011 0.587115 36645 10 1015 234 132561 0 0
11.33 0.0469083 0.00550518 0.587106 36655 10 966 249 133142 0 0
11.34 0.0470097 0.00552025 0.587098 36665 10 955 236 133189 0 0
11.35 0.0471111 0.00553532 0.58709 36676 10 952 228 133039 0 0
11.36 0.0472124 0.00555039 0.587082 36686 10 1019 223 133614 0 0
11.37 0.0473138 0.00556546 0.587073 36696 10 997 242 133144 0 0
11.38 0.0474151 0.00558053 0.587065 36707 10 999 236 132748 0 0
11.39 0.0475165 0.0055956 0.587057 36717 10 973 231 132772 0 0
11.4 0.0476178 0.00561067 0.587048 36728 10 957 246 132849 0 0
11.41 0.0477191 0.00562574 0.58704 36738 10 970 226 132628 0 0
11.42 0.0478205 0.0056408 0.587032 36748 10 1039 228 132626 0 0
11.43 0.0479218 0.00565587 0.587023 36759 10 975 217 132877 0 0
11.44 0.0480232 0.00567094 0.587015 36769 10 948 213 132697 0 0
11.45 0.0481245 0.00568601 0.587006 36779 10 954 238 132567 0 0
11.46 0.0482258 0.00570108 0.586998 36790 10 996 255 133167 0 0

11.47 0.0483272 0.00571614 0.586989 36800 10 954 248 133462 0 0
11.48 0.0484285 0.00573121 0.586981 36811 10 960 224 133047 0 0
11.49 0.0485298 0.00574628 0.586972 36821 10 1017 244 133254 0 0
11.5 0.0486312 0.00576135 0.586964 36831 10 952 254 133300 0 0
11.51 0.0487325 0.00577641 0.586955 36842 10 1032 227 132530 0 0
11.52 0.0488338 0.00579148 0.586947 36852 10 938 238 132946 0 0
11.53 0.0489352 0.00580655 0.586938 36863 10 1002 241 133472 0 0
11.54 0.0490365 0.00582161 0.586929 36873 10 969 255 132459 0 0
11.55 0.0491378 0.00583668 0.586921 36883 10 1025 221 133441 0 0
11.56 0.0492391 0.00585174 0.586912 36894 10 1032 238 132656 0 0
11.57 0.0493405 0.00586681 0.586904 36904 10 943 245 133147 0 0
11.58 0.0494418 0.00588188 0.586895 36914 10 999 246 133068 0 0
11.59 0.0495431 0.00589694 0.586886 36925 10 998 220 132856 0 0
11.6 0.0496444 0.00591201 0.586877 36935 10 968 199 132553 0 0
11.61 0.0497457 0.00592707 0.586869 36946 10 1025 222 132960 0 0
11.62 0.049847 0.00594214 0.58686 36956 10 1005 234 132624 0 0
11.63 0.0499484 0.0059572 0.586851 36966 10 966 215 132807 0 0
11.64 0.0500497 0.00597227 0.586842 36977 10 975 238 133074 0 0
11.65 0.050151 0.00598733 0.586834 36987 10 1011 224 131340 0 0
11.66 0.0502523 0.0060024 0.586825 36997 10 947 241 133199 0 0
11.67 0.0503536 0.00601746 0.586816 37008 10 1010 217 133463 0 0
11.68 0.0504549 0.00603252 0.586807 37018 10 1039 232 132739 0 0
11.69 0.0505562 0.00604759 0.586798 37029 10 992 244 133233 0 0
11.7 0.0506575 0.00606265 0.586789 37039 10 1005 232 133208 0 0
11.71 0.0507588 0.00607771 0.58678 37049 10 995 248 132955 0 0
11.72 0.0508601 0.00609278 0.586771 37060 10 989 242 132456 0 0
11.73 0.0509614 0.00610784 0.586763 37070 10 976 242 133188 0 0
11.74 0.0510627 0.0061229 0.586754 37080 10 1000 250 132679 0 0
11.75 0.051164 0.00613797 0.586745 37091 10 946 222 132359 0 0