

Okoduwa Odion James
Petroleum Engineering
16/eng07/020
ENG281

Commands used

```
commandwindow  
clear  
clc  
close all  
syms t  
Q=0.25*sin(25*pi*t)  
V=0.5*cos(0.2*pi*t)  
tn=[0:0.0001:0.35]  
Qp=subs(Q,tn)  
Vp=subs(V,tn)  
I=Q/t  
I=diff(Q)  
In=subs(I,tn)  
P=I*V  
Pn=subs(P,tn)  
figure(1)  
plot(tn,In,tn,Pn)  
plot(tn,In,'red',tn,Pn,'blue')  
axis tight  
grid on  
grid minor  
xlabel('Time(sec)')  
ylabel('variable')  
legend('current(Ampere)', 'power(watts)')
```

OUTPUT

Q=

sin(25*pi*t)/4

V =

$\cos((\pi*t)/5)/2$

tn =

Columns 1 through 10

0 0.0001 0.0002 0.0003 0.0004 0.0005 0.0006 0.0007 0.0008 0.0009

Columns 11 through 20

0.0010 0.0011 0.0012 0.0013 0.0014 0.0015 0.0016 0.0017 0.0018 0.0019

Columns 21 through 30

0.0020 0.0021 0.0022 0.0023 0.0024 0.0025 0.0026 0.0027 0.0028 0.0029

Columns 31 through 40

0.0030 0.0031 0.0032 0.0033 0.0034 0.0035 0.0036 0.0037 0.0038 0.0039

Columns 41 through 50

0.0040 0.0041 0.0042 0.0043 0.0044 0.0045 0.0046 0.0047 0.0048 0.0049

Columns 51 through 60

0.0050 0.0051 0.0052 0.0053 0.0054 0.0055 0.0056 0.0057 0.0058 0.0059

Columns 61 through 70

0.0060 0.0061 0.0062 0.0063 0.0064 0.0065 0.0066 0.0067 0.0068 0.0069

Columns 71 through 80

0.0070 0.0071 0.0072 0.0073 0.0074 0.0075 0.0076 0.0077 0.0078 0.0079

Columns 81 through 90

0.0080 0.0081 0.0082 0.0083 0.0084 0.0085 0.0086 0.0087 0.0088 0.0089

Columns 91 through 100

0.0090 0.0091 0.0092 0.0093 0.0094 0.0095 0.0096 0.0097 0.0098 0.0099

Columns 101 through 110

0.0100 0.0101 0.0102 0.0103 0.0104 0.0105 0.0106 0.0107 0.0108 0.0109

Columns 111 through 120

0.0110 0.0111 0.0112 0.0113 0.0114 0.0115 0.0116 0.0117 0.0118 0.0119

Columns 121 through 130

0.0120 0.0121 0.0122 0.0123 0.0124 0.0125 0.0126 0.0127 0.0128 0.0129

Columns 131 through 140

0.0130 0.0131 0.0132 0.0133 0.0134 0.0135 0.0136 0.0137 0.0138 0.0139

Columns 141 through 150

0.0140 0.0141 0.0142 0.0143 0.0144 0.0145 0.0146 0.0147 0.0148 0.0149

Columns 151 through 160

0.0150 0.0151 0.0152 0.0153 0.0154 0.0155 0.0156 0.0157 0.0158 0.0159

Columns 161 through 170

0.0160 0.0161 0.0162 0.0163 0.0164 0.0165 0.0166 0.0167 0.0168 0.0169

Columns 171 through 180

0.0170 0.0171 0.0172 0.0173 0.0174 0.0175 0.0176 0.0177 0.0178 0.0179

Columns 181 through 190

0.0180 0.0181 0.0182 0.0183 0.0184 0.0185 0.0186 0.0187 0.0188 0.0189

Columns 191 through 200

0.0190 0.0191 0.0192 0.0193 0.0194 0.0195 0.0196 0.0197 0.0198 0.0199

Columns 201 through 210

0.0200 0.0201 0.0202 0.0203 0.0204 0.0205 0.0206 0.0207 0.0208 0.0209

Columns 211 through 220

0.0210 0.0211 0.0212 0.0213 0.0214 0.0215 0.0216 0.0217 0.0218 0.0219

Columns 221 through 230

0.0220 0.0221 0.0222 0.0223 0.0224 0.0225 0.0226 0.0227 0.0228 0.0229

Columns 231 through 240

0.0230 0.0231 0.0232 0.0233 0.0234 0.0235 0.0236 0.0237 0.0238 0.0239

Columns 241 through 250

0.0240 0.0241 0.0242 0.0243 0.0244 0.0245 0.0246 0.0247 0.0248 0.0249

Columns 251 through 260

0.0250 0.0251 0.0252 0.0253 0.0254 0.0255 0.0256 0.0257 0.0258 0.0259

Columns 261 through 270

0.0260 0.0261 0.0262 0.0263 0.0264 0.0265 0.0266 0.0267 0.0268 0.0269

Columns 271 through 280

0.0270 0.0271 0.0272 0.0273 0.0274 0.0275 0.0276 0.0277 0.0278 0.0279

Columns 281 through 290

0.0280 0.0281 0.0282 0.0283 0.0284 0.0285 0.0286 0.0287 0.0288 0.0289

Columns 291 through 300

0.0290 0.0291 0.0292 0.0293 0.0294 0.0295 0.0296 0.0297 0.0298 0.0299

Columns 301 through 310

0.0300 0.0301 0.0302 0.0303 0.0304 0.0305 0.0306 0.0307 0.0308 0.0309

Columns 311 through 320

0.0310 0.0311 0.0312 0.0313 0.0314 0.0315 0.0316 0.0317 0.0318 0.0319

Columns 321 through 330

0.0320 0.0321 0.0322 0.0323 0.0324 0.0325 0.0326 0.0327 0.0328 0.0329

Columns 331 through 340

0.0330 0.0331 0.0332 0.0333 0.0334 0.0335 0.0336 0.0337 0.0338 0.0339

Columns 341 through 350

0.0340 0.0341 0.0342 0.0343 0.0344 0.0345 0.0346 0.0347 0.0348 0.0349

Columns 351 through 360

0.0350 0.0351 0.0352 0.0353 0.0354 0.0355 0.0356 0.0357 0.0358 0.0359

Columns 361 through 370

0.0360 0.0361 0.0362 0.0363 0.0364 0.0365 0.0366 0.0367 0.0368 0.0369

Columns 371 through 380

0.0370 0.0371 0.0372 0.0373 0.0374 0.0375 0.0376 0.0377 0.0378 0.0379

Columns 381 through 390

0.0380 0.0381 0.0382 0.0383 0.0384 0.0385 0.0386 0.0387 0.0388 0.0389

Columns 391 through 400

0.0390 0.0391 0.0392 0.0393 0.0394 0.0395 0.0396 0.0397 0.0398 0.0399

Columns 401 through 410

0.0400 0.0401 0.0402 0.0403 0.0404 0.0405 0.0406 0.0407 0.0408 0.0409

Columns 411 through 420

0.0410 0.0411 0.0412 0.0413 0.0414 0.0415 0.0416 0.0417 0.0418 0.0419

Columns 421 through 430

0.0420 0.0421 0.0422 0.0423 0.0424 0.0425 0.0426 0.0427 0.0428 0.0429

Columns 431 through 440

0.0430 0.0431 0.0432 0.0433 0.0434 0.0435 0.0436 0.0437 0.0438 0.0439

Columns 441 through 450

0.0440 0.0441 0.0442 0.0443 0.0444 0.0445 0.0446 0.0447 0.0448 0.0449

Columns 451 through 460

0.0450 0.0451 0.0452 0.0453 0.0454 0.0455 0.0456 0.0457 0.0458 0.0459

Columns 461 through 470

0.0460 0.0461 0.0462 0.0463 0.0464 0.0465 0.0466 0.0467 0.0468 0.0469

Columns 471 through 480

0.0470 0.0471 0.0472 0.0473 0.0474 0.0475 0.0476 0.0477 0.0478 0.0479

Columns 481 through 490

0.0480 0.0481 0.0482 0.0483 0.0484 0.0485 0.0486 0.0487 0.0488 0.0489

Columns 491 through 500

0.0490 0.0491 0.0492 0.0493 0.0494 0.0495 0.0496 0.0497 0.0498 0.0499

Columns 501 through 510

0.0500 0.0501 0.0502 0.0503 0.0504 0.0505 0.0506 0.0507 0.0508 0.0509

Columns 511 through 520

0.0510 0.0511 0.0512 0.0513 0.0514 0.0515 0.0516 0.0517 0.0518 0.0519

Columns 521 through 530

0.0520 0.0521 0.0522 0.0523 0.0524 0.0525 0.0526 0.0527 0.0528 0.0529

Columns 531 through 540

0.0530 0.0531 0.0532 0.0533 0.0534 0.0535 0.0536 0.0537 0.0538 0.0539

Columns 541 through 550

0.0540 0.0541 0.0542 0.0543 0.0544 0.0545 0.0546 0.0547 0.0548 0.0549

Columns 551 through 560

0.0550 0.0551 0.0552 0.0553 0.0554 0.0555 0.0556 0.0557 0.0558 0.0559

Columns 561 through 570

0.0560 0.0561 0.0562 0.0563 0.0564 0.0565 0.0566 0.0567 0.0568 0.0569

Columns 571 through 580

0.0570 0.0571 0.0572 0.0573 0.0574 0.0575 0.0576 0.0577 0.0578 0.0579

Columns 581 through 590

0.0580 0.0581 0.0582 0.0583 0.0584 0.0585 0.0586 0.0587 0.0588 0.0589

Columns 591 through 600

0.0590 0.0591 0.0592 0.0593 0.0594 0.0595 0.0596 0.0597 0.0598 0.0599

Columns 601 through 610

0.0600 0.0601 0.0602 0.0603 0.0604 0.0605 0.0606 0.0607 0.0608 0.0609

Columns 611 through 620

0.0610 0.0611 0.0612 0.0613 0.0614 0.0615 0.0616 0.0617 0.0618 0.0619

Columns 621 through 630

0.0620 0.0621 0.0622 0.0623 0.0624 0.0625 0.0626 0.0627 0.0628 0.0629

Columns 631 through 640

0.0630 0.0631 0.0632 0.0633 0.0634 0.0635 0.0636 0.0637 0.0638 0.0639

Columns 641 through 650

0.0640 0.0641 0.0642 0.0643 0.0644 0.0645 0.0646 0.0647 0.0648 0.0649

Columns 651 through 660

0.0650 0.0651 0.0652 0.0653 0.0654 0.0655 0.0656 0.0657 0.0658 0.0659

Columns 661 through 670

0.0660 0.0661 0.0662 0.0663 0.0664 0.0665 0.0666 0.0667 0.0668 0.0669

Columns 671 through 680

0.0670 0.0671 0.0672 0.0673 0.0674 0.0675 0.0676 0.0677 0.0678 0.0679

Columns 681 through 690

0.0680 0.0681 0.0682 0.0683 0.0684 0.0685 0.0686 0.0687 0.0688 0.0689

Columns 691 through 700

0.0690 0.0691 0.0692 0.0693 0.0694 0.0695 0.0696 0.0697 0.0698 0.0699

Columns 701 through 710

0.0700 0.0701 0.0702 0.0703 0.0704 0.0705 0.0706 0.0707 0.0708 0.0709

Columns 711 through 720

0.0710 0.0711 0.0712 0.0713 0.0714 0.0715 0.0716 0.0717 0.0718 0.0719

Columns 721 through 730

0.0720 0.0721 0.0722 0.0723 0.0724 0.0725 0.0726 0.0727 0.0728 0.0729

Columns 731 through 740

0.0730 0.0731 0.0732 0.0733 0.0734 0.0735 0.0736 0.0737 0.0738 0.0739

Columns 741 through 750

0.0740 0.0741 0.0742 0.0743 0.0744 0.0745 0.0746 0.0747 0.0748 0.0749

Columns 751 through 760

0.0750 0.0751 0.0752 0.0753 0.0754 0.0755 0.0756 0.0757 0.0758 0.0759

Columns 761 through 770

0.0760 0.0761 0.0762 0.0763 0.0764 0.0765 0.0766 0.0767 0.0768 0.0769

Columns 771 through 780

0.0770 0.0771 0.0772 0.0773 0.0774 0.0775 0.0776 0.0777 0.0778 0.0779

Columns 781 through 790

0.0780 0.0781 0.0782 0.0783 0.0784 0.0785 0.0786 0.0787 0.0788 0.0789

Columns 791 through 800

0.0790 0.0791 0.0792 0.0793 0.0794 0.0795 0.0796 0.0797 0.0798 0.0799

Columns 801 through 810

0.0800 0.0801 0.0802 0.0803 0.0804 0.0805 0.0806 0.0807 0.0808 0.0809

Columns 811 through 820

0.0810 0.0811 0.0812 0.0813 0.0814 0.0815 0.0816 0.0817 0.0818 0.0819

Columns 821 through 830

0.0820 0.0821 0.0822 0.0823 0.0824 0.0825 0.0826 0.0827 0.0828 0.0829

Columns 831 through 840

0.0830 0.0831 0.0832 0.0833 0.0834 0.0835 0.0836 0.0837 0.0838 0.0839

Columns 841 through 850

0.0840 0.0841 0.0842 0.0843 0.0844 0.0845 0.0846 0.0847 0.0848 0.0849

Columns 851 through 860

0.0850 0.0851 0.0852 0.0853 0.0854 0.0855 0.0856 0.0857 0.0858 0.0859

Columns 861 through 870

0.0860 0.0861 0.0862 0.0863 0.0864 0.0865 0.0866 0.0867 0.0868 0.0869

Columns 871 through 880

0.0870 0.0871 0.0872 0.0873 0.0874 0.0875 0.0876 0.0877 0.0878 0.0879

Columns 881 through 890

0.0880 0.0881 0.0882 0.0883 0.0884 0.0885 0.0886 0.0887 0.0888 0.0889

Columns 891 through 900

0.0890 0.0891 0.0892 0.0893 0.0894 0.0895 0.0896 0.0897 0.0898 0.0899

Columns 901 through 910

0.0900 0.0901 0.0902 0.0903 0.0904 0.0905 0.0906 0.0907 0.0908 0.0909

Columns 911 through 920

0.0910 0.0911 0.0912 0.0913 0.0914 0.0915 0.0916 0.0917 0.0918 0.0919

Columns 921 through 930

0.0920 0.0921 0.0922 0.0923 0.0924 0.0925 0.0926 0.0927 0.0928 0.0929

Columns 931 through 940

0.0930 0.0931 0.0932 0.0933 0.0934 0.0935 0.0936 0.0937 0.0938 0.0939

Columns 941 through 950

0.0940 0.0941 0.0942 0.0943 0.0944 0.0945 0.0946 0.0947 0.0948 0.0949

Columns 951 through 960

0.0950 0.0951 0.0952 0.0953 0.0954 0.0955 0.0956 0.0957 0.0958 0.0959

Columns 961 through 970

0.0960 0.0961 0.0962 0.0963 0.0964 0.0965 0.0966 0.0967 0.0968 0.0969

Columns 971 through 980

0.0970 0.0971 0.0972 0.0973 0.0974 0.0975 0.0976 0.0977 0.0978 0.0979

Columns 981 through 990

0.0980 0.0981 0.0982 0.0983 0.0984 0.0985 0.0986 0.0987 0.0988 0.0989

Columns 991 through 1000

0.0990 0.0991 0.0992 0.0993 0.0994 0.0995 0.0996 0.0997 0.0998 0.0999

Columns 1001 through 1010

0.1000 0.1001 0.1002 0.1003 0.1004 0.1005 0.1006 0.1007 0.1008 0.1009

Columns 1011 through 1020

0.1010 0.1011 0.1012 0.1013 0.1014 0.1015 0.1016 0.1017 0.1018 0.1019

Columns 1021 through 1030

0.1020 0.1021 0.1022 0.1023 0.1024 0.1025 0.1026 0.1027 0.1028 0.1029

Columns 1031 through 1040

0.1030 0.1031 0.1032 0.1033 0.1034 0.1035 0.1036 0.1037 0.1038 0.1039

Columns 1041 through 1050

0.1040 0.1041 0.1042 0.1043 0.1044 0.1045 0.1046 0.1047 0.1048 0.1049

Columns 1051 through 1060

0.1050 0.1051 0.1052 0.1053 0.1054 0.1055 0.1056 0.1057 0.1058 0.1059

Columns 1061 through 1070

0.1060 0.1061 0.1062 0.1063 0.1064 0.1065 0.1066 0.1067 0.1068 0.1069

Columns 1071 through 1080

0.1070 0.1071 0.1072 0.1073 0.1074 0.1075 0.1076 0.1077 0.1078 0.1079

Columns 1081 through 1090

0.1080 0.1081 0.1082 0.1083 0.1084 0.1085 0.1086 0.1087 0.1088 0.1089

Columns 1091 through 1100

0.1090 0.1091 0.1092 0.1093 0.1094 0.1095 0.1096 0.1097 0.1098 0.1099

Columns 1101 through 1110

0.1100 0.1101 0.1102 0.1103 0.1104 0.1105 0.1106 0.1107 0.1108 0.1109

Columns 1111 through 1120

0.1110 0.1111 0.1112 0.1113 0.1114 0.1115 0.1116 0.1117 0.1118 0.1119

Columns 1121 through 1130

0.1120 0.1121 0.1122 0.1123 0.1124 0.1125 0.1126 0.1127 0.1128 0.1129

Columns 1131 through 1140

0.1130 0.1131 0.1132 0.1133 0.1134 0.1135 0.1136 0.1137 0.1138 0.1139

Columns 1141 through 1150

0.1140 0.1141 0.1142 0.1143 0.1144 0.1145 0.1146 0.1147 0.1148 0.1149

Columns 1151 through 1160

0.1150 0.1151 0.1152 0.1153 0.1154 0.1155 0.1156 0.1157 0.1158 0.1159

Columns 1161 through 1170

0.1160 0.1161 0.1162 0.1163 0.1164 0.1165 0.1166 0.1167 0.1168 0.1169

Columns 1171 through 1180

0.1170 0.1171 0.1172 0.1173 0.1174 0.1175 0.1176 0.1177 0.1178 0.1179

Columns 1181 through 1190

0.1180 0.1181 0.1182 0.1183 0.1184 0.1185 0.1186 0.1187 0.1188 0.1189

Columns 1191 through 1200

0.1190 0.1191 0.1192 0.1193 0.1194 0.1195 0.1196 0.1197 0.1198 0.1199

Columns 1201 through 1210

0.1200 0.1201 0.1202 0.1203 0.1204 0.1205 0.1206 0.1207 0.1208 0.1209

Columns 1211 through 1220

0.1210 0.1211 0.1212 0.1213 0.1214 0.1215 0.1216 0.1217 0.1218 0.1219

Columns 1221 through 1230

0.1220 0.1221 0.1222 0.1223 0.1224 0.1225 0.1226 0.1227 0.1228 0.1229

Columns 1231 through 1240

0.1230 0.1231 0.1232 0.1233 0.1234 0.1235 0.1236 0.1237 0.1238 0.1239

Columns 1241 through 1250

0.1240 0.1241 0.1242 0.1243 0.1244 0.1245 0.1246 0.1247 0.1248 0.1249

Columns 1251 through 1260

0.1250 0.1251 0.1252 0.1253 0.1254 0.1255 0.1256 0.1257 0.1258 0.1259

Columns 1261 through 1270

0.1260 0.1261 0.1262 0.1263 0.1264 0.1265 0.1266 0.1267 0.1268 0.1269

Columns 1271 through 1280

0.1270 0.1271 0.1272 0.1273 0.1274 0.1275 0.1276 0.1277 0.1278 0.1279

Columns 1281 through 1290

0.1280 0.1281 0.1282 0.1283 0.1284 0.1285 0.1286 0.1287 0.1288 0.1289

Columns 1291 through 1300

0.1290 0.1291 0.1292 0.1293 0.1294 0.1295 0.1296 0.1297 0.1298 0.1299

Columns 1301 through 1310

0.1300 0.1301 0.1302 0.1303 0.1304 0.1305 0.1306 0.1307 0.1308 0.1309

Columns 1311 through 1320

0.1310 0.1311 0.1312 0.1313 0.1314 0.1315 0.1316 0.1317 0.1318 0.1319

Columns 1321 through 1330

0.1320 0.1321 0.1322 0.1323 0.1324 0.1325 0.1326 0.1327 0.1328 0.1329

Columns 1331 through 1340

0.1330 0.1331 0.1332 0.1333 0.1334 0.1335 0.1336 0.1337 0.1338 0.1339

Columns 1341 through 1350

0.1340 0.1341 0.1342 0.1343 0.1344 0.1345 0.1346 0.1347 0.1348 0.1349

Columns 1351 through 1360

0.1350 0.1351 0.1352 0.1353 0.1354 0.1355 0.1356 0.1357 0.1358 0.1359

Columns 1361 through 1370

0.1360 0.1361 0.1362 0.1363 0.1364 0.1365 0.1366 0.1367 0.1368 0.1369

Columns 1371 through 1380

0.1370 0.1371 0.1372 0.1373 0.1374 0.1375 0.1376 0.1377 0.1378 0.1379

Columns 1381 through 1390

0.1380 0.1381 0.1382 0.1383 0.1384 0.1385 0.1386 0.1387 0.1388 0.1389

Columns 1391 through 1400

0.1390 0.1391 0.1392 0.1393 0.1394 0.1395 0.1396 0.1397 0.1398 0.1399

Columns 1401 through 1410

0.1400 0.1401 0.1402 0.1403 0.1404 0.1405 0.1406 0.1407 0.1408 0.1409

Columns 1411 through 1420

0.1410 0.1411 0.1412 0.1413 0.1414 0.1415 0.1416 0.1417 0.1418 0.1419

Columns 1421 through 1430

0.1420 0.1421 0.1422 0.1423 0.1424 0.1425 0.1426 0.1427 0.1428 0.1429

Columns 1431 through 1440

0.1430 0.1431 0.1432 0.1433 0.1434 0.1435 0.1436 0.1437 0.1438 0.1439

Columns 1441 through 1450

0.1440 0.1441 0.1442 0.1443 0.1444 0.1445 0.1446 0.1447 0.1448 0.1449

Columns 1451 through 1460

0.1450 0.1451 0.1452 0.1453 0.1454 0.1455 0.1456 0.1457 0.1458 0.1459

Columns 1461 through 1470

0.1460 0.1461 0.1462 0.1463 0.1464 0.1465 0.1466 0.1467 0.1468 0.1469

Columns 1471 through 1480

0.1470 0.1471 0.1472 0.1473 0.1474 0.1475 0.1476 0.1477 0.1478 0.1479

Columns 1481 through 1490

0.1480 0.1481 0.1482 0.1483 0.1484 0.1485 0.1486 0.1487 0.1488 0.1489

Columns 1491 through 1500

0.1490 0.1491 0.1492 0.1493 0.1494 0.1495 0.1496 0.1497 0.1498 0.1499

Columns 1501 through 1510

0.1500 0.1501 0.1502 0.1503 0.1504 0.1505 0.1506 0.1507 0.1508 0.1509

Columns 1511 through 1520

0.1510 0.1511 0.1512 0.1513 0.1514 0.1515 0.1516 0.1517 0.1518 0.1519

Columns 1521 through 1530

0.1520 0.1521 0.1522 0.1523 0.1524 0.1525 0.1526 0.1527 0.1528 0.1529

Columns 1531 through 1540

0.1530 0.1531 0.1532 0.1533 0.1534 0.1535 0.1536 0.1537 0.1538 0.1539

Columns 1541 through 1550

0.1540 0.1541 0.1542 0.1543 0.1544 0.1545 0.1546 0.1547 0.1548 0.1549

Columns 1551 through 1560

0.1550 0.1551 0.1552 0.1553 0.1554 0.1555 0.1556 0.1557 0.1558 0.1559

Columns 1561 through 1570

0.1560 0.1561 0.1562 0.1563 0.1564 0.1565 0.1566 0.1567 0.1568 0.1569

Columns 1571 through 1580

0.1570 0.1571 0.1572 0.1573 0.1574 0.1575 0.1576 0.1577 0.1578 0.1579

Columns 1581 through 1590

0.1580 0.1581 0.1582 0.1583 0.1584 0.1585 0.1586 0.1587 0.1588 0.1589

Columns 1591 through 1600

0.1590 0.1591 0.1592 0.1593 0.1594 0.1595 0.1596 0.1597 0.1598 0.1599

Columns 1601 through 1610

0.1600 0.1601 0.1602 0.1603 0.1604 0.1605 0.1606 0.1607 0.1608 0.1609

Columns 1611 through 1620

0.1610 0.1611 0.1612 0.1613 0.1614 0.1615 0.1616 0.1617 0.1618 0.1619

Columns 1621 through 1630

0.1620 0.1621 0.1622 0.1623 0.1624 0.1625 0.1626 0.1627 0.1628 0.1629

Columns 1631 through 1640

0.1630 0.1631 0.1632 0.1633 0.1634 0.1635 0.1636 0.1637 0.1638 0.1639

Columns 1641 through 1650

0.1640 0.1641 0.1642 0.1643 0.1644 0.1645 0.1646 0.1647 0.1648 0.1649

Columns 1651 through 1660

0.1650 0.1651 0.1652 0.1653 0.1654 0.1655 0.1656 0.1657 0.1658 0.1659

Columns 1661 through 1670

0.1660 0.1661 0.1662 0.1663 0.1664 0.1665 0.1666 0.1667 0.1668 0.1669

Columns 1671 through 1680

0.1670 0.1671 0.1672 0.1673 0.1674 0.1675 0.1676 0.1677 0.1678 0.1679

Columns 1681 through 1690

0.1680 0.1681 0.1682 0.1683 0.1684 0.1685 0.1686 0.1687 0.1688 0.1689

Columns 1691 through 1700

0.1690 0.1691 0.1692 0.1693 0.1694 0.1695 0.1696 0.1697 0.1698 0.1699

Columns 1701 through 1710

0.1700 0.1701 0.1702 0.1703 0.1704 0.1705 0.1706 0.1707 0.1708 0.1709

Columns 1711 through 1720

0.1710 0.1711 0.1712 0.1713 0.1714 0.1715 0.1716 0.1717 0.1718 0.1719

Columns 1721 through 1730

0.1720 0.1721 0.1722 0.1723 0.1724 0.1725 0.1726 0.1727 0.1728 0.1729

Columns 1731 through 1740

0.1730 0.1731 0.1732 0.1733 0.1734 0.1735 0.1736 0.1737 0.1738 0.1739

Columns 1741 through 1750

0.1740 0.1741 0.1742 0.1743 0.1744 0.1745 0.1746 0.1747 0.1748 0.1749

Columns 1751 through 1760

0.1750 0.1751 0.1752 0.1753 0.1754 0.1755 0.1756 0.1757 0.1758 0.1759

Columns 1761 through 1770

0.1760 0.1761 0.1762 0.1763 0.1764 0.1765 0.1766 0.1767 0.1768 0.1769

Columns 1771 through 1780

0.1770 0.1771 0.1772 0.1773 0.1774 0.1775 0.1776 0.1777 0.1778 0.1779

Columns 1781 through 1790

0.1780 0.1781 0.1782 0.1783 0.1784 0.1785 0.1786 0.1787 0.1788 0.1789

Columns 1791 through 1800

0.1790 0.1791 0.1792 0.1793 0.1794 0.1795 0.1796 0.1797 0.1798 0.1799

Columns 1801 through 1810

0.1800 0.1801 0.1802 0.1803 0.1804 0.1805 0.1806 0.1807 0.1808 0.1809

Columns 1811 through 1820

0.1810 0.1811 0.1812 0.1813 0.1814 0.1815 0.1816 0.1817 0.1818 0.1819

Columns 1821 through 1830

0.1820 0.1821 0.1822 0.1823 0.1824 0.1825 0.1826 0.1827 0.1828 0.1829

Columns 1831 through 1840

0.1830 0.1831 0.1832 0.1833 0.1834 0.1835 0.1836 0.1837 0.1838 0.1839

Columns 1841 through 1850

0.1840 0.1841 0.1842 0.1843 0.1844 0.1845 0.1846 0.1847 0.1848 0.1849

Columns 1851 through 1860

0.1850 0.1851 0.1852 0.1853 0.1854 0.1855 0.1856 0.1857 0.1858 0.1859

Columns 1861 through 1870

0.1860 0.1861 0.1862 0.1863 0.1864 0.1865 0.1866 0.1867 0.1868 0.1869

Columns 1871 through 1880

0.1870 0.1871 0.1872 0.1873 0.1874 0.1875 0.1876 0.1877 0.1878 0.1879

Columns 1881 through 1890

0.1880 0.1881 0.1882 0.1883 0.1884 0.1885 0.1886 0.1887 0.1888 0.1889

Columns 1891 through 1900

0.1890 0.1891 0.1892 0.1893 0.1894 0.1895 0.1896 0.1897 0.1898 0.1899

Columns 1901 through 1910

0.1900 0.1901 0.1902 0.1903 0.1904 0.1905 0.1906 0.1907 0.1908 0.1909

Columns 1911 through 1920

0.1910 0.1911 0.1912 0.1913 0.1914 0.1915 0.1916 0.1917 0.1918 0.1919

Columns 1921 through 1930

0.1920 0.1921 0.1922 0.1923 0.1924 0.1925 0.1926 0.1927 0.1928 0.1929

Columns 1931 through 1940

0.1930 0.1931 0.1932 0.1933 0.1934 0.1935 0.1936 0.1937 0.1938 0.1939

Columns 1941 through 1950

0.1940 0.1941 0.1942 0.1943 0.1944 0.1945 0.1946 0.1947 0.1948 0.1949

Columns 1951 through 1960

0.1950 0.1951 0.1952 0.1953 0.1954 0.1955 0.1956 0.1957 0.1958 0.1959

Columns 1961 through 1970

0.1960 0.1961 0.1962 0.1963 0.1964 0.1965 0.1966 0.1967 0.1968 0.1969

Columns 1971 through 1980

0.1970 0.1971 0.1972 0.1973 0.1974 0.1975 0.1976 0.1977 0.1978 0.1979

Columns 1981 through 1990

0.1980 0.1981 0.1982 0.1983 0.1984 0.1985 0.1986 0.1987 0.1988 0.1989

Columns 1991 through 2000

0.1990 0.1991 0.1992 0.1993 0.1994 0.1995 0.1996 0.1997 0.1998 0.1999

Columns 2001 through 2010

0.2000 0.2001 0.2002 0.2003 0.2004 0.2005 0.2006 0.2007 0.2008 0.2009

Columns 2011 through 2020

0.2010 0.2011 0.2012 0.2013 0.2014 0.2015 0.2016 0.2017 0.2018 0.2019

Columns 2021 through 2030

0.2020 0.2021 0.2022 0.2023 0.2024 0.2025 0.2026 0.2027 0.2028 0.2029

Columns 2031 through 2040

0.2030 0.2031 0.2032 0.2033 0.2034 0.2035 0.2036 0.2037 0.2038 0.2039

Columns 2041 through 2050

0.2040 0.2041 0.2042 0.2043 0.2044 0.2045 0.2046 0.2047 0.2048 0.2049

Columns 2051 through 2060

0.2050 0.2051 0.2052 0.2053 0.2054 0.2055 0.2056 0.2057 0.2058 0.2059

Columns 2061 through 2070

0.2060 0.2061 0.2062 0.2063 0.2064 0.2065 0.2066 0.2067 0.2068 0.2069

Columns 2071 through 2080

0.2070 0.2071 0.2072 0.2073 0.2074 0.2075 0.2076 0.2077 0.2078 0.2079

Columns 2081 through 2090

0.2080 0.2081 0.2082 0.2083 0.2084 0.2085 0.2086 0.2087 0.2088 0.2089

Columns 2091 through 2100

0.2090 0.2091 0.2092 0.2093 0.2094 0.2095 0.2096 0.2097 0.2098 0.2099

Columns 2101 through 2110

0.2100 0.2101 0.2102 0.2103 0.2104 0.2105 0.2106 0.2107 0.2108 0.2109

Columns 2111 through 2120

0.2110 0.2111 0.2112 0.2113 0.2114 0.2115 0.2116 0.2117 0.2118 0.2119

Columns 2121 through 2130

0.2120 0.2121 0.2122 0.2123 0.2124 0.2125 0.2126 0.2127 0.2128 0.2129

Columns 2131 through 2140

0.2130 0.2131 0.2132 0.2133 0.2134 0.2135 0.2136 0.2137 0.2138 0.2139

Columns 2141 through 2150

0.2140 0.2141 0.2142 0.2143 0.2144 0.2145 0.2146 0.2147 0.2148 0.2149

Columns 2151 through 2160

0.2150 0.2151 0.2152 0.2153 0.2154 0.2155 0.2156 0.2157 0.2158 0.2159

Columns 2161 through 2170

0.2160 0.2161 0.2162 0.2163 0.2164 0.2165 0.2166 0.2167 0.2168 0.2169

Columns 2171 through 2180

0.2170 0.2171 0.2172 0.2173 0.2174 0.2175 0.2176 0.2177 0.2178 0.2179

Columns 2181 through 2190

0.2180 0.2181 0.2182 0.2183 0.2184 0.2185 0.2186 0.2187 0.2188 0.2189

Columns 2191 through 2200

0.2190 0.2191 0.2192 0.2193 0.2194 0.2195 0.2196 0.2197 0.2198 0.2199

Columns 2201 through 2210

0.2200 0.2201 0.2202 0.2203 0.2204 0.2205 0.2206 0.2207 0.2208 0.2209

Columns 2211 through 2220

0.2210 0.2211 0.2212 0.2213 0.2214 0.2215 0.2216 0.2217 0.2218 0.2219

Columns 2221 through 2230

0.2220 0.2221 0.2222 0.2223 0.2224 0.2225 0.2226 0.2227 0.2228 0.2229

Columns 2231 through 2240

0.2230 0.2231 0.2232 0.2233 0.2234 0.2235 0.2236 0.2237 0.2238 0.2239

Columns 2241 through 2250

0.2240 0.2241 0.2242 0.2243 0.2244 0.2245 0.2246 0.2247 0.2248 0.2249

Columns 2251 through 2260

0.2250 0.2251 0.2252 0.2253 0.2254 0.2255 0.2256 0.2257 0.2258 0.2259

Columns 2261 through 2270

0.2260 0.2261 0.2262 0.2263 0.2264 0.2265 0.2266 0.2267 0.2268 0.2269

Columns 2271 through 2280

0.2270 0.2271 0.2272 0.2273 0.2274 0.2275 0.2276 0.2277 0.2278 0.2279

Columns 2281 through 2290

0.2280 0.2281 0.2282 0.2283 0.2284 0.2285 0.2286 0.2287 0.2288 0.2289

Columns 2291 through 2300

0.2290 0.2291 0.2292 0.2293 0.2294 0.2295 0.2296 0.2297 0.2298 0.2299

Columns 2301 through 2310

0.2300 0.2301 0.2302 0.2303 0.2304 0.2305 0.2306 0.2307 0.2308 0.2309

Columns 2311 through 2320

0.2310 0.2311 0.2312 0.2313 0.2314 0.2315 0.2316 0.2317 0.2318 0.2319

Columns 2321 through 2330

0.2320 0.2321 0.2322 0.2323 0.2324 0.2325 0.2326 0.2327 0.2328 0.2329

Columns 2331 through 2340

0.2330 0.2331 0.2332 0.2333 0.2334 0.2335 0.2336 0.2337 0.2338 0.2339

Columns 2341 through 2350

0.2340 0.2341 0.2342 0.2343 0.2344 0.2345 0.2346 0.2347 0.2348 0.2349

Columns 2351 through 2360

0.2350 0.2351 0.2352 0.2353 0.2354 0.2355 0.2356 0.2357 0.2358 0.2359

Columns 2361 through 2370

0.2360 0.2361 0.2362 0.2363 0.2364 0.2365 0.2366 0.2367 0.2368 0.2369

Columns 2371 through 2380

0.2370 0.2371 0.2372 0.2373 0.2374 0.2375 0.2376 0.2377 0.2378 0.2379

Columns 2381 through 2390

0.2380 0.2381 0.2382 0.2383 0.2384 0.2385 0.2386 0.2387 0.2388 0.2389

Columns 2391 through 2400

0.2390 0.2391 0.2392 0.2393 0.2394 0.2395 0.2396 0.2397 0.2398 0.2399

Columns 2401 through 2410

0.2400 0.2401 0.2402 0.2403 0.2404 0.2405 0.2406 0.2407 0.2408 0.2409

Columns 2411 through 2420

0.2410 0.2411 0.2412 0.2413 0.2414 0.2415 0.2416 0.2417 0.2418 0.2419

Columns 2421 through 2430

0.2420 0.2421 0.2422 0.2423 0.2424 0.2425 0.2426 0.2427 0.2428 0.2429

Columns 2431 through 2440

0.2430 0.2431 0.2432 0.2433 0.2434 0.2435 0.2436 0.2437 0.2438 0.2439

Columns 2441 through 2450

0.2440 0.2441 0.2442 0.2443 0.2444 0.2445 0.2446 0.2447 0.2448 0.2449

Columns 2451 through 2460

0.2450 0.2451 0.2452 0.2453 0.2454 0.2455 0.2456 0.2457 0.2458 0.2459

Columns 2461 through 2470

0.2460 0.2461 0.2462 0.2463 0.2464 0.2465 0.2466 0.2467 0.2468 0.2469

Columns 2471 through 2480

0.2470 0.2471 0.2472 0.2473 0.2474 0.2475 0.2476 0.2477 0.2478 0.2479

Columns 2481 through 2490

0.2480 0.2481 0.2482 0.2483 0.2484 0.2485 0.2486 0.2487 0.2488 0.2489

Columns 2491 through 2500

0.2490 0.2491 0.2492 0.2493 0.2494 0.2495 0.2496 0.2497 0.2498 0.2499

Columns 2501 through 2510

0.2500 0.2501 0.2502 0.2503 0.2504 0.2505 0.2506 0.2507 0.2508 0.2509

Columns 2511 through 2520

0.2510 0.2511 0.2512 0.2513 0.2514 0.2515 0.2516 0.2517 0.2518 0.2519

Columns 2521 through 2530

0.2520 0.2521 0.2522 0.2523 0.2524 0.2525 0.2526 0.2527 0.2528 0.2529

Columns 2531 through 2540

0.2530 0.2531 0.2532 0.2533 0.2534 0.2535 0.2536 0.2537 0.2538 0.2539

Columns 2541 through 2550

0.2540 0.2541 0.2542 0.2543 0.2544 0.2545 0.2546 0.2547 0.2548 0.2549

Columns 2551 through 2560

0.2550 0.2551 0.2552 0.2553 0.2554 0.2555 0.2556 0.2557 0.2558 0.2559

Columns 2561 through 2570

0.2560 0.2561 0.2562 0.2563 0.2564 0.2565 0.2566 0.2567 0.2568 0.2569

Columns 2571 through 2580

0.2570 0.2571 0.2572 0.2573 0.2574 0.2575 0.2576 0.2577 0.2578 0.2579

Columns 2581 through 2590

0.2580 0.2581 0.2582 0.2583 0.2584 0.2585 0.2586 0.2587 0.2588 0.2589

Columns 2591 through 2600

0.2590 0.2591 0.2592 0.2593 0.2594 0.2595 0.2596 0.2597 0.2598 0.2599

Columns 2601 through 2610

0.2600 0.2601 0.2602 0.2603 0.2604 0.2605 0.2606 0.2607 0.2608 0.2609

Columns 2611 through 2620

0.2610 0.2611 0.2612 0.2613 0.2614 0.2615 0.2616 0.2617 0.2618 0.2619

Columns 2621 through 2630

0.2620 0.2621 0.2622 0.2623 0.2624 0.2625 0.2626 0.2627 0.2628 0.2629

Columns 2631 through 2640

0.2630 0.2631 0.2632 0.2633 0.2634 0.2635 0.2636 0.2637 0.2638 0.2639

Columns 2641 through 2650

0.2640 0.2641 0.2642 0.2643 0.2644 0.2645 0.2646 0.2647 0.2648 0.2649

Columns 2651 through 2660

0.2650 0.2651 0.2652 0.2653 0.2654 0.2655 0.2656 0.2657 0.2658 0.2659

Columns 2661 through 2670

0.2660 0.2661 0.2662 0.2663 0.2664 0.2665 0.2666 0.2667 0.2668 0.2669

Columns 2671 through 2680

0.2670 0.2671 0.2672 0.2673 0.2674 0.2675 0.2676 0.2677 0.2678 0.2679

Columns 2681 through 2690

0.2680 0.2681 0.2682 0.2683 0.2684 0.2685 0.2686 0.2687 0.2688 0.2689

Columns 2691 through 2700

0.2690 0.2691 0.2692 0.2693 0.2694 0.2695 0.2696 0.2697 0.2698 0.2699

Columns 2701 through 2710

0.2700 0.2701 0.2702 0.2703 0.2704 0.2705 0.2706 0.2707 0.2708 0.2709

Columns 2711 through 2720

0.2710 0.2711 0.2712 0.2713 0.2714 0.2715 0.2716 0.2717 0.2718 0.2719

Columns 2721 through 2730

0.2720 0.2721 0.2722 0.2723 0.2724 0.2725 0.2726 0.2727 0.2728 0.2729

Columns 2731 through 2740

0.2730 0.2731 0.2732 0.2733 0.2734 0.2735 0.2736 0.2737 0.2738 0.2739

Columns 2741 through 2750

0.2740 0.2741 0.2742 0.2743 0.2744 0.2745 0.2746 0.2747 0.2748 0.2749

Columns 2751 through 2760

0.2750 0.2751 0.2752 0.2753 0.2754 0.2755 0.2756 0.2757 0.2758 0.2759

Columns 2761 through 2770

0.2760 0.2761 0.2762 0.2763 0.2764 0.2765 0.2766 0.2767 0.2768 0.2769

Columns 2771 through 2780

0.2770 0.2771 0.2772 0.2773 0.2774 0.2775 0.2776 0.2777 0.2778 0.2779

Columns 2781 through 2790

0.2780 0.2781 0.2782 0.2783 0.2784 0.2785 0.2786 0.2787 0.2788 0.2789

Columns 2791 through 2800

0.2790 0.2791 0.2792 0.2793 0.2794 0.2795 0.2796 0.2797 0.2798 0.2799

Columns 2801 through 2810

0.2800 0.2801 0.2802 0.2803 0.2804 0.2805 0.2806 0.2807 0.2808 0.2809

Columns 2811 through 2820

0.2810 0.2811 0.2812 0.2813 0.2814 0.2815 0.2816 0.2817 0.2818 0.2819

Columns 2821 through 2830

0.2820 0.2821 0.2822 0.2823 0.2824 0.2825 0.2826 0.2827 0.2828 0.2829

Columns 2831 through 2840

0.2830 0.2831 0.2832 0.2833 0.2834 0.2835 0.2836 0.2837 0.2838 0.2839

Columns 2841 through 2850

0.2840 0.2841 0.2842 0.2843 0.2844 0.2845 0.2846 0.2847 0.2848 0.2849

Columns 2851 through 2860

0.2850 0.2851 0.2852 0.2853 0.2854 0.2855 0.2856 0.2857 0.2858 0.2859

Columns 2861 through 2870

0.2860 0.2861 0.2862 0.2863 0.2864 0.2865 0.2866 0.2867 0.2868 0.2869

Columns 2871 through 2880

0.2870 0.2871 0.2872 0.2873 0.2874 0.2875 0.2876 0.2877 0.2878 0.2879

Columns 2881 through 2890

0.2880 0.2881 0.2882 0.2883 0.2884 0.2885 0.2886 0.2887 0.2888 0.2889

Columns 2891 through 2900

0.2890 0.2891 0.2892 0.2893 0.2894 0.2895 0.2896 0.2897 0.2898 0.2899

Columns 2901 through 2910

0.2900 0.2901 0.2902 0.2903 0.2904 0.2905 0.2906 0.2907 0.2908 0.2909

Columns 2911 through 2920

0.2910 0.2911 0.2912 0.2913 0.2914 0.2915 0.2916 0.2917 0.2918 0.2919

Columns 2921 through 2930

0.2920 0.2921 0.2922 0.2923 0.2924 0.2925 0.2926 0.2927 0.2928 0.2929

Columns 2931 through 2940

0.2930 0.2931 0.2932 0.2933 0.2934 0.2935 0.2936 0.2937 0.2938 0.2939

Columns 2941 through 2950

0.2940 0.2941 0.2942 0.2943 0.2944 0.2945 0.2946 0.2947 0.2948 0.2949

Columns 2951 through 2960

0.2950 0.2951 0.2952 0.2953 0.2954 0.2955 0.2956 0.2957 0.2958 0.2959

Columns 2961 through 2970

0.2960 0.2961 0.2962 0.2963 0.2964 0.2965 0.2966 0.2967 0.2968 0.2969

Columns 2971 through 2980

0.2970 0.2971 0.2972 0.2973 0.2974 0.2975 0.2976 0.2977 0.2978 0.2979

Columns 2981 through 2990

0.2980 0.2981 0.2982 0.2983 0.2984 0.2985 0.2986 0.2987 0.2988 0.2989

Columns 2991 through 3000

0.2990 0.2991 0.2992 0.2993 0.2994 0.2995 0.2996 0.2997 0.2998 0.2999

Columns 3001 through 3010

0.3000 0.3001 0.3002 0.3003 0.3004 0.3005 0.3006 0.3007 0.3008 0.3009

Columns 3011 through 3020

0.3010 0.3011 0.3012 0.3013 0.3014 0.3015 0.3016 0.3017 0.3018 0.3019

Columns 3021 through 3030

0.3020 0.3021 0.3022 0.3023 0.3024 0.3025 0.3026 0.3027 0.3028 0.3029

Columns 3031 through 3040

0.3030 0.3031 0.3032 0.3033 0.3034 0.3035 0.3036 0.3037 0.3038 0.3039

Columns 3041 through 3050

0.3040 0.3041 0.3042 0.3043 0.3044 0.3045 0.3046 0.3047 0.3048 0.3049

Columns 3051 through 3060

0.3050 0.3051 0.3052 0.3053 0.3054 0.3055 0.3056 0.3057 0.3058 0.3059

Columns 3061 through 3070

0.3060 0.3061 0.3062 0.3063 0.3064 0.3065 0.3066 0.3067 0.3068 0.3069

Columns 3071 through 3080

0.3070 0.3071 0.3072 0.3073 0.3074 0.3075 0.3076 0.3077 0.3078 0.3079

Columns 3081 through 3090

0.3080 0.3081 0.3082 0.3083 0.3084 0.3085 0.3086 0.3087 0.3088 0.3089

Columns 3091 through 3100

0.3090 0.3091 0.3092 0.3093 0.3094 0.3095 0.3096 0.3097 0.3098 0.3099

Columns 3101 through 3110

0.3100 0.3101 0.3102 0.3103 0.3104 0.3105 0.3106 0.3107 0.3108 0.3109

Columns 3111 through 3120

0.3110 0.3111 0.3112 0.3113 0.3114 0.3115 0.3116 0.3117 0.3118 0.3119

Columns 3121 through 3130

0.3120 0.3121 0.3122 0.3123 0.3124 0.3125 0.3126 0.3127 0.3128 0.3129

Columns 3131 through 3140

0.3130 0.3131 0.3132 0.3133 0.3134 0.3135 0.3136 0.3137 0.3138 0.3139

Columns 3141 through 3150

0.3140 0.3141 0.3142 0.3143 0.3144 0.3145 0.3146 0.3147 0.3148 0.3149

Columns 3151 through 3160

0.3150 0.3151 0.3152 0.3153 0.3154 0.3155 0.3156 0.3157 0.3158 0.3159

Columns 3161 through 3170

0.3160 0.3161 0.3162 0.3163 0.3164 0.3165 0.3166 0.3167 0.3168 0.3169

Columns 3171 through 3180

0.3170 0.3171 0.3172 0.3173 0.3174 0.3175 0.3176 0.3177 0.3178 0.3179

Columns 3181 through 3190

0.3180 0.3181 0.3182 0.3183 0.3184 0.3185 0.3186 0.3187 0.3188 0.3189

Columns 3191 through 3200

0.3190 0.3191 0.3192 0.3193 0.3194 0.3195 0.3196 0.3197 0.3198 0.3199

Columns 3201 through 3210

0.3200 0.3201 0.3202 0.3203 0.3204 0.3205 0.3206 0.3207 0.3208 0.3209

Columns 3211 through 3220

0.3210 0.3211 0.3212 0.3213 0.3214 0.3215 0.3216 0.3217 0.3218 0.3219

Columns 3221 through 3230

0.3220 0.3221 0.3222 0.3223 0.3224 0.3225 0.3226 0.3227 0.3228 0.3229

Columns 3231 through 3240

0.3230 0.3231 0.3232 0.3233 0.3234 0.3235 0.3236 0.3237 0.3238 0.3239

Columns 3241 through 3250

0.3240 0.3241 0.3242 0.3243 0.3244 0.3245 0.3246 0.3247 0.3248 0.3249

Columns 3251 through 3260

0.3250 0.3251 0.3252 0.3253 0.3254 0.3255 0.3256 0.3257 0.3258 0.3259

Columns 3261 through 3270

0.3260 0.3261 0.3262 0.3263 0.3264 0.3265 0.3266 0.3267 0.3268 0.3269

Columns 3271 through 3280

0.3270 0.3271 0.3272 0.3273 0.3274 0.3275 0.3276 0.3277 0.3278 0.3279

Columns 3281 through 3290

0.3280 0.3281 0.3282 0.3283 0.3284 0.3285 0.3286 0.3287 0.3288 0.3289

Columns 3291 through 3300

0.3290 0.3291 0.3292 0.3293 0.3294 0.3295 0.3296 0.3297 0.3298 0.3299

Columns 3301 through 3310

0.3300 0.3301 0.3302 0.3303 0.3304 0.3305 0.3306 0.3307 0.3308 0.3309

Columns 3311 through 3320

0.3310 0.3311 0.3312 0.3313 0.3314 0.3315 0.3316 0.3317 0.3318 0.3319

Columns 3321 through 3330

0.3320 0.3321 0.3322 0.3323 0.3324 0.3325 0.3326 0.3327 0.3328 0.3329

Columns 3331 through 3340

0.3330 0.3331 0.3332 0.3333 0.3334 0.3335 0.3336 0.3337 0.3338 0.3339

Columns 3341 through 3350

0.3340 0.3341 0.3342 0.3343 0.3344 0.3345 0.3346 0.3347 0.3348 0.3349

Columns 3351 through 3360

0.3350 0.3351 0.3352 0.3353 0.3354 0.3355 0.3356 0.3357 0.3358 0.3359

Columns 3361 through 3370

0.3360 0.3361 0.3362 0.3363 0.3364 0.3365 0.3366 0.3367 0.3368 0.3369

Columns 3371 through 3380

0.3370 0.3371 0.3372 0.3373 0.3374 0.3375 0.3376 0.3377 0.3378 0.3379

Columns 3381 through 3390

0.3380 0.3381 0.3382 0.3383 0.3384 0.3385 0.3386 0.3387 0.3388 0.3389

Columns 3391 through 3400

0.3390 0.3391 0.3392 0.3393 0.3394 0.3395 0.3396 0.3397 0.3398 0.3399

Columns 3401 through 3410

0.3400 0.3401 0.3402 0.3403 0.3404 0.3405 0.3406 0.3407 0.3408 0.3409

Columns 3411 through 3420

0.3410 0.3411 0.3412 0.3413 0.3414 0.3415 0.3416 0.3417 0.3418 0.3419

Columns 3421 through 3430

0.3420 0.3421 0.3422 0.3423 0.3424 0.3425 0.3426 0.3427 0.3428 0.3429

Columns 3431 through 3440

0.3430 0.3431 0.3432 0.3433 0.3434 0.3435 0.3436 0.3437 0.3438 0.3439

Columns 3441 through 3450

0.3440 0.3441 0.3442 0.3443 0.3444 0.3445 0.3446 0.3447 0.3448 0.3449

Columns 3451 through 3460

0.3450 0.3451 0.3452 0.3453 0.3454 0.3455 0.3456 0.3457 0.3458 0.3459

Columns 3461 through 3470

0.3460 0.3461 0.3462 0.3463 0.3464 0.3465 0.3466 0.3467 0.3468 0.3469

Columns 3471 through 3480

0.3470 0.3471 0.3472 0.3473 0.3474 0.3475 0.3476 0.3477 0.3478 0.3479

Columns 3481 through 3490

0.3480 0.3481 0.3482 0.3483 0.3484 0.3485 0.3486 0.3487 0.3488 0.3489

Columns 3491 through 3500

0.3490 0.3491 0.3492 0.3493 0.3494 0.3495 0.3496 0.3497 0.3498 0.3499

Column 3501

0.3500

Qp =

[0, sin(pi/400)/4, sin(pi/200)/4, sin((3*pi)/400)/4, sin(pi/100)/4, sin(pi/80)/4, sin((3*pi)/200)/4, sin((7*pi)/400)/4, sin(pi/50)/4, sin((9*pi)/400)/4, sin(pi/40)/4, sin((11*pi)/400)/4, sin((3*pi)/100)/4, sin((13*pi)/400)/4, sin((7*pi)/200)/4, sin((3*pi)/80)/4, sin(pi/25)/4, sin((17*pi)/400)/4, sin((9*pi)/200)/4, sin((19*pi)/400)/4, sin(pi/20)/4, sin((21*pi)/400)/4, sin((11*pi)/200)/4, sin((23*pi)/400)/4, sin((3*pi)/50)/4, sin(pi/16)/4, sin((13*pi)/200)/4, sin((27*pi)/400)/4, sin((7*pi)/100)/4, sin((29*pi)/400)/4, sin((3*pi)/40)/4, sin((31*pi)/400)/4, sin((2*pi)/25)/4, sin((33*pi)/400)/4, sin((17*pi)/200)/4, sin((7*pi)/80)/4, sin((9*pi)/100)/4, sin((37*pi)/400)/4, sin((19*pi)/200)/4, sin((39*pi)/400)/4, 5^(1/2)/16 - 1/16, sin((41*pi)/400)/4, sin((21*pi)/200)/4, sin((43*pi)/400)/4, sin((11*pi)/100)/4, sin((9*pi)/80)/4, sin((23*pi)/200)/4, sin((47*pi)/400)/4, sin((3*pi)/25)/4, sin((49*pi)/400)/4, (2 - 2^(1/2))^(1/2)/8, sin((51*pi)/400)/4, sin((13*pi)/100)/4,

$\sin((53*\pi)/400)/4, \sin((27*\pi)/200)/4, \sin((11*\pi)/80)/4, \sin((7*\pi)/50)/4, \sin((57*\pi)/400)/4,$
 $\sin((29*\pi)/200)/4, \sin((59*\pi)/400)/4, \sin((3*\pi)/20)/4, \sin((61*\pi)/400)/4, \sin((31*\pi)/200)/4,$
 $\sin((63*\pi)/400)/4, \sin((4*\pi)/25)/4, \sin((13*\pi)/80)/4, \sin((33*\pi)/200)/4, \sin((67*\pi)/400)/4,$
 $\sin((17*\pi)/100)/4, \sin((69*\pi)/400)/4, \sin((7*\pi)/40)/4, \sin((71*\pi)/400)/4, \sin((9*\pi)/50)/4,$
 $\sin((73*\pi)/400)/4, \sin((37*\pi)/200)/4, \sin((3*\pi)/16)/4, \sin((19*\pi)/100)/4, \sin((77*\pi)/400)/4,$
 $\sin((39*\pi)/200)/4, \sin((79*\pi)/400)/4, (2^{1/2}*(5 - 5^{1/2})^{1/2})/16, \sin((81*\pi)/400)/4,$
 $\sin((41*\pi)/200)/4, \sin((83*\pi)/400)/4, \sin((21*\pi)/100)/4, \sin((17*\pi)/80)/4, \sin((43*\pi)/200)/4,$
 $\sin((87*\pi)/400)/4, \sin((11*\pi)/50)/4, \sin((89*\pi)/400)/4, \sin((9*\pi)/40)/4, \sin((91*\pi)/400)/4,$
 $\sin((23*\pi)/100)/4, \sin((93*\pi)/400)/4, \sin((47*\pi)/200)/4, \sin((19*\pi)/80)/4, \sin((6*\pi)/25)/4,$
 $\sin((97*\pi)/400)/4, \sin((49*\pi)/200)/4, \sin((99*\pi)/400)/4, 2^{1/2}/8, \sin((101*\pi)/400)/4,$
 $\sin((51*\pi)/200)/4, \sin((103*\pi)/400)/4, \sin((13*\pi)/50)/4, \sin((21*\pi)/80)/4, \sin((53*\pi)/200)/4,$
 $\sin((107*\pi)/400)/4, \sin((27*\pi)/100)/4, \sin((109*\pi)/400)/4, \sin((11*\pi)/40)/4, \sin((111*\pi)/400)/4,$
 $\sin((7*\pi)/25)/4, \sin((113*\pi)/400)/4, \sin((57*\pi)/200)/4, \sin((23*\pi)/80)/4, \sin((29*\pi)/100)/4,$
 $\sin((117*\pi)/400)/4, \sin((59*\pi)/200)/4, \sin((119*\pi)/400)/4, 5^{1/2}/16 + 1/16, \sin((121*\pi)/400)/4,$
 $\sin((61*\pi)/200)/4, \sin((123*\pi)/400)/4, \sin((31*\pi)/100)/4, \sin((5*\pi)/16)/4, \sin((63*\pi)/200)/4,$
 $\sin((127*\pi)/400)/4, \sin((8*\pi)/25)/4, \sin((129*\pi)/400)/4, \sin((13*\pi)/40)/4, \sin((131*\pi)/400)/4,$
 $\sin((33*\pi)/100)/4, \sin((133*\pi)/400)/4, \sin((67*\pi)/200)/4, \sin((27*\pi)/80)/4, \sin((17*\pi)/50)/4,$
 $\sin((137*\pi)/400)/4, \sin((69*\pi)/200)/4, \sin((139*\pi)/400)/4, \sin((7*\pi)/20)/4, \sin((141*\pi)/400)/4,$
 $\sin((71*\pi)/200)/4, \sin((143*\pi)/400)/4, \sin((9*\pi)/25)/4, \sin((29*\pi)/80)/4, \sin((73*\pi)/200)/4,$
 $\sin((147*\pi)/400)/4, \sin((37*\pi)/100)/4, \sin((149*\pi)/400)/4, (2^{1/2} + 2)^{1/2}/8,$
 $\sin((151*\pi)/400)/4, \sin((19*\pi)/50)/4, \sin((153*\pi)/400)/4, \sin((77*\pi)/200)/4, \sin((31*\pi)/80)/4,$
 $\sin((39*\pi)/100)/4, \sin((157*\pi)/400)/4, \sin((79*\pi)/200)/4, \sin((159*\pi)/400)/4, (2^{1/2}*(5^{1/2}) +$
 $5)^{1/2}/16, \sin((161*\pi)/400)/4, \sin((81*\pi)/200)/4, \sin((163*\pi)/400)/4, \sin((41*\pi)/100)/4,$
 $\sin((33*\pi)/80)/4, \sin((83*\pi)/200)/4, \sin((167*\pi)/400)/4, \sin((21*\pi)/50)/4, \sin((169*\pi)/400)/4,$
 $\sin((17*\pi)/40)/4, \sin((171*\pi)/400)/4, \sin((43*\pi)/100)/4, \sin((173*\pi)/400)/4, \sin((87*\pi)/200)/4,$
 $\sin((7*\pi)/16)/4, \sin((11*\pi)/25)/4, \sin((177*\pi)/400)/4, \sin((89*\pi)/200)/4, \sin((179*\pi)/400)/4,$
 $\sin((9*\pi)/20)/4, \sin((181*\pi)/400)/4, \sin((91*\pi)/200)/4, \sin((183*\pi)/400)/4, \sin((23*\pi)/50)/4,$
 $\sin((37*\pi)/80)/4, \sin((93*\pi)/200)/4, \sin((187*\pi)/400)/4, \sin((47*\pi)/100)/4, \sin((189*\pi)/400)/4,$
 $\sin((19*\pi)/40)/4, \sin((191*\pi)/400)/4, \sin((12*\pi)/25)/4, \sin((193*\pi)/400)/4, \sin((97*\pi)/200)/4,$
 $\sin((39*\pi)/80)/4, \sin((49*\pi)/100)/4, \sin((197*\pi)/400)/4, \sin((99*\pi)/200)/4, \sin((199*\pi)/400)/4,$
 $1/4, \sin((199*\pi)/400)/4, \sin((99*\pi)/200)/4, \sin((197*\pi)/400)/4, \sin((49*\pi)/100)/4,$
 $\sin((39*\pi)/80)/4, \sin((97*\pi)/200)/4, \sin((193*\pi)/400)/4, \sin((12*\pi)/25)/4, \sin((191*\pi)/400)/4,$
 $\sin((19*\pi)/40)/4, \sin((189*\pi)/400)/4, \sin((47*\pi)/100)/4, \sin((187*\pi)/400)/4, \sin((93*\pi)/200)/4,$
 $\sin((37*\pi)/80)/4, \sin((23*\pi)/50)/4, \sin((183*\pi)/400)/4, \sin((91*\pi)/200)/4, \sin((181*\pi)/400)/4,$
 $\sin((9*\pi)/20)/4, \sin((179*\pi)/400)/4, \sin((89*\pi)/200)/4, \sin((177*\pi)/400)/4, \sin((11*\pi)/25)/4,$
 $\sin((7*\pi)/16)/4, \sin((87*\pi)/200)/4, \sin((173*\pi)/400)/4, \sin((43*\pi)/100)/4, \sin((171*\pi)/400)/4,$
 $\sin((17*\pi)/40)/4, \sin((169*\pi)/400)/4, \sin((21*\pi)/50)/4, \sin((167*\pi)/400)/4, \sin((83*\pi)/200)/4,$
 $\sin((33*\pi)/80)/4, \sin((41*\pi)/100)/4, \sin((163*\pi)/400)/4, \sin((81*\pi)/200)/4, \sin((161*\pi)/400)/4,$
 $(2^{1/2}*(5^{1/2} + 5)^{1/2})/16, \sin((159*\pi)/400)/4, \sin((79*\pi)/200)/4, \sin((157*\pi)/400)/4,$
 $\sin((39*\pi)/100)/4, \sin((31*\pi)/80)/4, \sin((77*\pi)/200)/4, \sin((153*\pi)/400)/4, \sin((19*\pi)/50)/4,$
 $\sin((151*\pi)/400)/4, (2^{1/2} + 2)^{1/2}/8, \sin((149*\pi)/400)/4, \sin((37*\pi)/100)/4,$
 $\sin((147*\pi)/400)/4, \sin((73*\pi)/200)/4, \sin((29*\pi)/80)/4, \sin((9*\pi)/25)/4, \sin((143*\pi)/400)/4,$
 $\sin((71*\pi)/200)/4, \sin((141*\pi)/400)/4, \sin((7*\pi)/20)/4, \sin((139*\pi)/400)/4, \sin((69*\pi)/200)/4,$
 $\sin((137*\pi)/400)/4, \sin((17*\pi)/50)/4, \sin((27*\pi)/80)/4, \sin((67*\pi)/200)/4, \sin((133*\pi)/400)/4,$

$\sin((33*\pi)/100)/4, \sin((131*\pi)/400)/4, \sin((13*\pi)/40)/4, \sin((129*\pi)/400)/4, \sin((8*\pi)/25)/4,$
 $\sin((127*\pi)/400)/4, \sin((63*\pi)/200)/4, \sin((5*\pi)/16)/4, \sin((31*\pi)/100)/4, \sin((123*\pi)/400)/4,$
 $\sin((61*\pi)/200)/4, \sin((121*\pi)/400)/4, 5^{(1/2)}/16 + 1/16, \sin((119*\pi)/400)/4, \sin((59*\pi)/200)/4,$
 $\sin((117*\pi)/400)/4, \sin((29*\pi)/100)/4, \sin((23*\pi)/80)/4, \sin((57*\pi)/200)/4, \sin((113*\pi)/400)/4,$
 $\sin((7*\pi)/25)/4, \sin((111*\pi)/400)/4, \sin((11*\pi)/40)/4, \sin((109*\pi)/400)/4, \sin((27*\pi)/100)/4,$
 $\sin((107*\pi)/400)/4, \sin((53*\pi)/200)/4, \sin((21*\pi)/80)/4, \sin((13*\pi)/50)/4, \sin((103*\pi)/400)/4,$
 $\sin((51*\pi)/200)/4, \sin((101*\pi)/400)/4, 2^{(1/2)}/8, \sin((99*\pi)/400)/4, \sin((49*\pi)/200)/4,$
 $\sin((97*\pi)/400)/4, \sin((6*\pi)/25)/4, \sin((19*\pi)/80)/4, \sin((47*\pi)/200)/4, \sin((93*\pi)/400)/4,$
 $\sin((23*\pi)/100)/4, \sin((91*\pi)/400)/4, \sin((9*\pi)/40)/4, \sin((89*\pi)/400)/4, \sin((11*\pi)/50)/4,$
 $\sin((87*\pi)/400)/4, \sin((43*\pi)/200)/4, \sin((17*\pi)/80)/4, \sin((21*\pi)/100)/4, \sin((83*\pi)/400)/4,$
 $\sin((41*\pi)/200)/4, \sin((81*\pi)/400)/4, (2^{(1/2)}*(5 - 5^{(1/2)})^{(1/2)})/16, \sin((79*\pi)/400)/4,$
 $\sin((39*\pi)/200)/4, \sin((77*\pi)/400)/4, \sin((19*\pi)/100)/4, \sin((3*\pi)/16)/4, \sin((37*\pi)/200)/4,$
 $\sin((73*\pi)/400)/4, \sin((9*\pi)/50)/4, \sin((71*\pi)/400)/4, \sin((7*\pi)/40)/4, \sin((69*\pi)/400)/4,$
 $\sin((17*\pi)/100)/4, \sin((67*\pi)/400)/4, \sin((33*\pi)/200)/4, \sin((13*\pi)/80)/4, \sin((4*\pi)/25)/4,$
 $\sin((63*\pi)/400)/4, \sin((31*\pi)/200)/4, \sin((61*\pi)/400)/4, \sin((3*\pi)/20)/4, \sin((59*\pi)/400)/4,$
 $\sin((29*\pi)/200)/4, \sin((57*\pi)/400)/4, \sin((7*\pi)/50)/4, \sin((11*\pi)/80)/4, \sin((27*\pi)/200)/4,$
 $\sin((53*\pi)/400)/4, \sin((13*\pi)/100)/4, \sin((51*\pi)/400)/4, (2 - 2^{(1/2)})^{(1/2)}/8, \sin((49*\pi)/400)/4,$
 $\sin((3*\pi)/25)/4, \sin((47*\pi)/400)/4, \sin((23*\pi)/200)/4, \sin((9*\pi)/80)/4, \sin((11*\pi)/100)/4,$
 $\sin((43*\pi)/400)/4, \sin((21*\pi)/200)/4, \sin((41*\pi)/400)/4, 5^{(1/2)}/16 - 1/16, \sin((39*\pi)/400)/4,$
 $\sin((19*\pi)/200)/4, \sin((37*\pi)/400)/4, \sin((9*\pi)/100)/4, \sin((7*\pi)/80)/4, \sin((17*\pi)/200)/4,$
 $\sin((33*\pi)/400)/4, \sin((2*\pi)/25)/4, \sin((31*\pi)/400)/4, \sin((3*\pi)/40)/4, \sin((29*\pi)/400)/4,$
 $\sin((7*\pi)/100)/4, \sin((27*\pi)/400)/4, \sin((13*\pi)/200)/4, \sin(\pi/16)/4, \sin((3*\pi)/50)/4,$
 $\sin((23*\pi)/400)/4, \sin((11*\pi)/200)/4, \sin((21*\pi)/400)/4, \sin(\pi/20)/4, \sin((19*\pi)/400)/4,$
 $\sin((9*\pi)/200)/4, \sin((17*\pi)/400)/4, \sin(\pi/25)/4, \sin((3*\pi)/80)/4, \sin((7*\pi)/200)/4,$
 $\sin((13*\pi)/400)/4, \sin((3*\pi)/100)/4, \sin((11*\pi)/400)/4, \sin(\pi/40)/4, \sin((9*\pi)/400)/4, \sin(\pi/50)/4,$
 $\sin((7*\pi)/400)/4, \sin((3*\pi)/200)/4, \sin(\pi/80)/4, \sin(\pi/100)/4, \sin((3*\pi)/400)/4, \sin(\pi/200)/4,$
 $\sin(\pi/400)/4, 0, -\sin(\pi/400)/4, -\sin(\pi/200)/4, -\sin((3*\pi)/400)/4, -\sin(\pi/100)/4, -\sin(\pi/80)/4, -$
 $\sin((3*\pi)/200)/4, -\sin((7*\pi)/400)/4, -\sin(\pi/50)/4, -\sin((9*\pi)/400)/4, -\sin(\pi/40)/4, -$
 $\sin((11*\pi)/400)/4, -\sin((3*\pi)/100)/4, -\sin((13*\pi)/400)/4, -\sin((7*\pi)/200)/4, -\sin((3*\pi)/80)/4, -$
 $\sin(\pi/25)/4, -\sin((17*\pi)/400)/4, -\sin((9*\pi)/200)/4, -\sin((19*\pi)/400)/4, -\sin(\pi/20)/4, -$
 $\sin((21*\pi)/400)/4, -\sin((11*\pi)/200)/4, -\sin((23*\pi)/400)/4, -\sin((3*\pi)/50)/4, -\sin(\pi/16)/4, -$
 $\sin((13*\pi)/200)/4, -\sin((27*\pi)/400)/4, -\sin((7*\pi)/100)/4, -\sin((29*\pi)/400)/4, -\sin((3*\pi)/40)/4, -$
 $\sin((31*\pi)/400)/4, -\sin((2*\pi)/25)/4, -\sin((33*\pi)/400)/4, -\sin((17*\pi)/200)/4, -\sin((7*\pi)/80)/4, -$
 $\sin((9*\pi)/100)/4, -\sin((37*\pi)/400)/4, -\sin((19*\pi)/200)/4, -\sin((39*\pi)/400)/4, 1/16 - 5^{(1/2)}/16, -$
 $\sin((41*\pi)/400)/4, -\sin((21*\pi)/200)/4, -\sin((43*\pi)/400)/4, -\sin((11*\pi)/100)/4, -\sin((9*\pi)/80)/4, -$
 $\sin((23*\pi)/200)/4, -\sin((47*\pi)/400)/4, -\sin((3*\pi)/25)/4, -\sin((49*\pi)/400)/4, -(2 - 2^{(1/2)})^{(1/2)}/8, -$
 $\sin((51*\pi)/400)/4, -\sin((13*\pi)/100)/4, -\sin((53*\pi)/400)/4, -\sin((27*\pi)/200)/4, -\sin((11*\pi)/80)/4, -$
 $\sin((7*\pi)/50)/4, -\sin((57*\pi)/400)/4, -\sin((29*\pi)/200)/4, -\sin((59*\pi)/400)/4, -\sin((3*\pi)/20)/4, -$
 $\sin((61*\pi)/400)/4, -\sin((31*\pi)/200)/4, -\sin((63*\pi)/400)/4, -\sin((4*\pi)/25)/4, -\sin((13*\pi)/80)/4, -$
 $\sin((33*\pi)/200)/4, -\sin((67*\pi)/400)/4, -\sin((17*\pi)/100)/4, -\sin((69*\pi)/400)/4, -\sin((7*\pi)/40)/4, -$
 $\sin((71*\pi)/400)/4, -\sin((9*\pi)/50)/4, -\sin((73*\pi)/400)/4, -\sin((37*\pi)/200)/4, -\sin((3*\pi)/16)/4, -$
 $\sin((19*\pi)/100)/4, -\sin((77*\pi)/400)/4, -\sin((39*\pi)/200)/4, -\sin((79*\pi)/400)/4, -(2^{(1/2)}*(5 -$
 $5^{(1/2)})^{(1/2)})/16, -\sin((81*\pi)/400)/4, -\sin((41*\pi)/200)/4, -\sin((83*\pi)/400)/4, -\sin((21*\pi)/100)/4, -$
 $\sin((17*\pi)/80)/4, -\sin((43*\pi)/200)/4, -\sin((87*\pi)/400)/4, -\sin((11*\pi)/50)/4, -\sin((89*\pi)/400)/4, -$

$\sin((9*\pi)/40)/4, -\sin((91*\pi)/400)/4, -\sin((23*\pi)/100)/4, -\sin((93*\pi)/400)/4, -\sin((47*\pi)/200)/4, -$
 $\sin((19*\pi)/80)/4, -\sin((6*\pi)/25)/4, -\sin((97*\pi)/400)/4, -\sin((49*\pi)/200)/4, -\sin((99*\pi)/400)/4, -$
 $2^{1/2}/8, -\sin((101*\pi)/400)/4, -\sin((51*\pi)/200)/4, -\sin((103*\pi)/400)/4, -\sin((13*\pi)/50)/4, -$
 $\sin((21*\pi)/80)/4, -\sin((53*\pi)/200)/4, -\sin((107*\pi)/400)/4, -\sin((27*\pi)/100)/4, -\sin((109*\pi)/400)/4, -$
 $\sin((11*\pi)/40)/4, -\sin((111*\pi)/400)/4, -\sin((7*\pi)/25)/4, -\sin((113*\pi)/400)/4, -\sin((57*\pi)/200)/4, -$
 $\sin((23*\pi)/80)/4, -\sin((29*\pi)/100)/4, -\sin((117*\pi)/400)/4, -\sin((59*\pi)/200)/4, -\sin((119*\pi)/400)/4, -$
 $5^{1/2}/16 - 1/16, -\sin((121*\pi)/400)/4, -\sin((61*\pi)/200)/4, -\sin((123*\pi)/400)/4, -\sin((31*\pi)/100)/4, -$
 $-\sin((5*\pi)/16)/4, -\sin((63*\pi)/200)/4, -\sin((127*\pi)/400)/4, -\sin((8*\pi)/25)/4, -\sin((129*\pi)/400)/4, -$
 $\sin((13*\pi)/40)/4, -\sin((131*\pi)/400)/4, -\sin((33*\pi)/100)/4, -\sin((133*\pi)/400)/4, -\sin((67*\pi)/200)/4, -$
 $\sin((27*\pi)/80)/4, -\sin((17*\pi)/50)/4, -\sin((137*\pi)/400)/4, -\sin((69*\pi)/200)/4, -\sin((139*\pi)/400)/4, -$
 $\sin((7*\pi)/20)/4, -\sin((141*\pi)/400)/4, -\sin((71*\pi)/200)/4, -\sin((143*\pi)/400)/4, -\sin((9*\pi)/25)/4, -$
 $\sin((29*\pi)/80)/4, -\sin((73*\pi)/200)/4, -\sin((147*\pi)/400)/4, -\sin((37*\pi)/100)/4, -\sin((149*\pi)/400)/4, -$
 $(2^{1/2} + 2)^{1/2}/8, -\sin((151*\pi)/400)/4, -\sin((19*\pi)/50)/4, -\sin((153*\pi)/400)/4, -$
 $\sin((77*\pi)/200)/4, -\sin((31*\pi)/80)/4, -\sin((39*\pi)/100)/4, -\sin((157*\pi)/400)/4, -\sin((79*\pi)/200)/4, -$
 $\sin((159*\pi)/400)/4, -(2^{1/2})*(5^{1/2} + 5)^{1/2}/16, -\sin((161*\pi)/400)/4, -\sin((81*\pi)/200)/4, -$
 $\sin((163*\pi)/400)/4, -\sin((41*\pi)/100)/4, -\sin((33*\pi)/80)/4, -\sin((83*\pi)/200)/4, -\sin((167*\pi)/400)/4, -$
 $\sin((21*\pi)/50)/4, -\sin((169*\pi)/400)/4, -\sin((17*\pi)/40)/4, -\sin((171*\pi)/400)/4, -\sin((43*\pi)/100)/4, -$
 $\sin((173*\pi)/400)/4, -\sin((87*\pi)/200)/4, -\sin((7*\pi)/16)/4, -\sin((11*\pi)/25)/4, -\sin((177*\pi)/400)/4, -$
 $\sin((89*\pi)/200)/4, -\sin((179*\pi)/400)/4, -\sin((9*\pi)/20)/4, -\sin((181*\pi)/400)/4, -\sin((91*\pi)/200)/4, -$
 $\sin((183*\pi)/400)/4, -\sin((23*\pi)/50)/4, -\sin((37*\pi)/80)/4, -\sin((93*\pi)/200)/4, -\sin((187*\pi)/400)/4, -$
 $\sin((47*\pi)/100)/4, -\sin((189*\pi)/400)/4, -\sin((19*\pi)/40)/4, -\sin((191*\pi)/400)/4, -\sin((12*\pi)/25)/4, -$
 $\sin((193*\pi)/400)/4, -\sin((97*\pi)/200)/4, -\sin((39*\pi)/80)/4, -\sin((49*\pi)/100)/4, -\sin((197*\pi)/400)/4, -$
 $\sin((99*\pi)/200)/4, -\sin((199*\pi)/400)/4, -1/4, -\sin((199*\pi)/400)/4, -\sin((99*\pi)/200)/4, -$
 $\sin((197*\pi)/400)/4, -\sin((49*\pi)/100)/4, -\sin((39*\pi)/80)/4, -\sin((97*\pi)/200)/4, -\sin((193*\pi)/400)/4, -$
 $\sin((12*\pi)/25)/4, -\sin((191*\pi)/400)/4, -\sin((19*\pi)/40)/4, -\sin((189*\pi)/400)/4, -\sin((47*\pi)/100)/4, -$
 $\sin((187*\pi)/400)/4, -\sin((93*\pi)/200)/4, -\sin((37*\pi)/80)/4, -\sin((23*\pi)/50)/4, -\sin((183*\pi)/400)/4, -$
 $\sin((91*\pi)/200)/4, -\sin((181*\pi)/400)/4, -\sin((9*\pi)/20)/4, -\sin((179*\pi)/400)/4, -\sin((89*\pi)/200)/4, -$
 $\sin((177*\pi)/400)/4, -\sin((11*\pi)/25)/4, -\sin((7*\pi)/16)/4, -\sin((87*\pi)/200)/4, -\sin((173*\pi)/400)/4, -$
 $\sin((43*\pi)/100)/4, -\sin((171*\pi)/400)/4, -\sin((17*\pi)/40)/4, -\sin((169*\pi)/400)/4, -\sin((21*\pi)/50)/4, -$
 $\sin((167*\pi)/400)/4, -\sin((83*\pi)/200)/4, -\sin((33*\pi)/80)/4, -\sin((41*\pi)/100)/4, -\sin((163*\pi)/400)/4, -$
 $\sin((81*\pi)/200)/4, -\sin((161*\pi)/400)/4, -(2^{1/2})*(5^{1/2} + 5)^{1/2}/16, -\sin((159*\pi)/400)/4, -$
 $\sin((79*\pi)/200)/4, -\sin((157*\pi)/400)/4, -\sin((39*\pi)/100)/4, -\sin((31*\pi)/80)/4, -\sin((77*\pi)/200)/4, -$
 $\sin((153*\pi)/400)/4, -\sin((19*\pi)/50)/4, -\sin((151*\pi)/400)/4, -(2^{1/2} + 2)^{1/2}/8, -$
 $\sin((149*\pi)/400)/4, -\sin((37*\pi)/100)/4, -\sin((147*\pi)/400)/4, -\sin((73*\pi)/200)/4, -\sin((29*\pi)/80)/4, -$
 $\sin((9*\pi)/25)/4, -\sin((143*\pi)/400)/4, -\sin((71*\pi)/200)/4, -\sin((141*\pi)/400)/4, -\sin((7*\pi)/20)/4, -$
 $\sin((139*\pi)/400)/4, -\sin((69*\pi)/200)/4, -\sin((137*\pi)/400)/4, -\sin((17*\pi)/50)/4, -\sin((27*\pi)/80)/4, -$
 $\sin((67*\pi)/200)/4, -\sin((133*\pi)/400)/4, -\sin((33*\pi)/100)/4, -\sin((131*\pi)/400)/4, -\sin((13*\pi)/40)/4, -$
 $\sin((129*\pi)/400)/4, -\sin((8*\pi)/25)/4, -\sin((127*\pi)/400)/4, -\sin((63*\pi)/200)/4, -\sin((5*\pi)/16)/4, -$
 $\sin((31*\pi)/100)/4, -\sin((123*\pi)/400)/4, -\sin((61*\pi)/200)/4, -\sin((121*\pi)/400)/4, -5^{1/2}/16 - 1/16,$
 $-\sin((119*\pi)/400)/4, -\sin((59*\pi)/200)/4, -\sin((117*\pi)/400)/4, -\sin((29*\pi)/100)/4, -\sin((23*\pi)/80)/4,$
 $-\sin((57*\pi)/200)/4, -\sin((113*\pi)/400)/4, -\sin((7*\pi)/25)/4, -\sin((111*\pi)/400)/4, -\sin((11*\pi)/40)/4, -$
 $\sin((109*\pi)/400)/4, -\sin((27*\pi)/100)/4, -\sin((107*\pi)/400)/4, -\sin((53*\pi)/200)/4, -\sin((21*\pi)/80)/4, -$
 $\sin((13*\pi)/50)/4, -\sin((103*\pi)/400)/4, -\sin((51*\pi)/200)/4, -\sin((101*\pi)/400)/4, -2^{1/2}/8, -$
 $\sin((99*\pi)/400)/4, -\sin((49*\pi)/200)/4, -\sin((97*\pi)/400)/4, -\sin((6*\pi)/25)/4, -\sin((19*\pi)/80)/4, -$

$\sin((47\pi)/200)/4, -\sin((93\pi)/400)/4, -\sin((23\pi)/100)/4, -\sin((91\pi)/400)/4, -\sin((9\pi)/40)/4, -$
 $\sin((89\pi)/400)/4, -\sin((11\pi)/50)/4, -\sin((87\pi)/400)/4, -\sin((43\pi)/200)/4, -\sin((17\pi)/80)/4, -$
 $\sin((21\pi)/100)/4, -\sin((83\pi)/400)/4, -\sin((41\pi)/200)/4, -\sin((81\pi)/400)/4, -(2^{1/2})^*(5 -$
 $5^{1/2})^{1/2}/16, -\sin((79\pi)/400)/4, -\sin((39\pi)/200)/4, -\sin((77\pi)/400)/4, -\sin((19\pi)/100)/4, -$
 $\sin((3\pi)/16)/4, -\sin((37\pi)/200)/4, -\sin((73\pi)/400)/4, -\sin((9\pi)/50)/4, -\sin((71\pi)/400)/4, -$
 $\sin((7\pi)/40)/4, -\sin((69\pi)/400)/4, -\sin((17\pi)/100)/4, -\sin((67\pi)/400)/4, -\sin((33\pi)/200)/4, -$
 $\sin((13\pi)/80)/4, -\sin((4\pi)/25)/4, -\sin((63\pi)/400)/4, -\sin((31\pi)/200)/4, -\sin((61\pi)/400)/4, -$
 $\sin((3\pi)/20)/4, -\sin((59\pi)/400)/4, -\sin((29\pi)/200)/4, -\sin((57\pi)/400)/4, -\sin((7\pi)/50)/4, -$
 $\sin((11\pi)/80)/4, -\sin((27\pi)/200)/4, -\sin((53\pi)/400)/4, -\sin((13\pi)/100)/4, -\sin((51\pi)/400)/4, -(2$
 $- 2^{1/2})^{1/2}/8, -\sin((49\pi)/400)/4, -\sin((3\pi)/25)/4, -\sin((47\pi)/400)/4, -\sin((23\pi)/200)/4, -$
 $\sin((9\pi)/80)/4, -\sin((11\pi)/100)/4, -\sin((43\pi)/400)/4, -\sin((21\pi)/200)/4, -\sin((41\pi)/400)/4,$
 $1/16 - 5^{1/2}/16, -\sin((39\pi)/400)/4, -\sin((19\pi)/200)/4, -\sin((37\pi)/400)/4, -\sin((9\pi)/100)/4, -$
 $\sin((7\pi)/80)/4, -\sin((17\pi)/200)/4, -\sin((33\pi)/400)/4, -\sin((2\pi)/25)/4, -\sin((31\pi)/400)/4, -$
 $\sin((3\pi)/40)/4, -\sin((29\pi)/400)/4, -\sin((7\pi)/100)/4, -\sin((27\pi)/400)/4, -\sin((13\pi)/200)/4, -$
 $\sin(\pi/16)/4, -\sin((3\pi)/50)/4, -\sin((23\pi)/400)/4, -\sin((11\pi)/200)/4, -\sin((21\pi)/400)/4, -$
 $\sin(\pi/20)/4, -\sin((19\pi)/400)/4, -\sin((9\pi)/200)/4, -\sin((17\pi)/400)/4, -\sin(\pi/25)/4, -$
 $\sin((3\pi)/80)/4, -\sin((7\pi)/200)/4, -\sin((13\pi)/400)/4, -\sin((3\pi)/100)/4, -\sin((11\pi)/400)/4, -$
 $\sin(\pi/40)/4, -\sin((9\pi)/400)/4, -\sin(\pi/50)/4, -\sin((7\pi)/400)/4, -\sin((3\pi)/200)/4, -\sin(\pi/80)/4, -$
 $\sin(\pi/100)/4, -\sin((3\pi)/400)/4, -\sin(\pi/200)/4, -\sin(\pi/400)/4, 0, \sin(\pi/400)/4, \sin(\pi/200)/4,$
 $\sin((3\pi)/400)/4, \sin(\pi/100)/4, \sin(\pi/80)/4, \sin((3\pi)/200)/4, \sin((7\pi)/400)/4, \sin(\pi/50)/4,$
 $\sin((9\pi)/400)/4, \sin(\pi/40)/4, \sin((11\pi)/400)/4, \sin((3\pi)/100)/4, \sin((13\pi)/400)/4,$
 $\sin((7\pi)/200)/4, \sin((3\pi)/80)/4, \sin(\pi/25)/4, \sin((17\pi)/400)/4, \sin((9\pi)/200)/4,$
 $\sin((19\pi)/400)/4, \sin(\pi/20)/4, \sin((21\pi)/400)/4, \sin((11\pi)/200)/4, \sin((23\pi)/400)/4,$
 $\sin((3\pi)/50)/4, \sin(\pi/16)/4, \sin((13\pi)/200)/4, \sin((27\pi)/400)/4, \sin((7\pi)/100)/4,$
 $\sin((29\pi)/400)/4, \sin((3\pi)/40)/4, \sin((31\pi)/400)/4, \sin((2\pi)/25)/4, \sin((33\pi)/400)/4,$
 $\sin((17\pi)/200)/4, \sin((7\pi)/80)/4, \sin((9\pi)/100)/4, \sin((37\pi)/400)/4, \sin((19\pi)/200)/4,$
 $\sin((39\pi)/400)/4, 5^{1/2}/16 - 1/16, \sin((41\pi)/400)/4, \sin((21\pi)/200)/4, \sin((43\pi)/400)/4,$
 $\sin((11\pi)/100)/4, \sin((9\pi)/80)/4, \sin((23\pi)/200)/4, \sin((47\pi)/400)/4, \sin((3\pi)/25)/4,$
 $\sin((49\pi)/400)/4, (2 - 2^{1/2})^{1/2}/8, \sin((51\pi)/400)/4, \sin((13\pi)/100)/4, \sin((53\pi)/400)/4,$
 $\sin((27\pi)/200)/4, \sin((11\pi)/80)/4, \sin((7\pi)/50)/4, \sin((57\pi)/400)/4, \sin((29\pi)/200)/4,$
 $\sin((59\pi)/400)/4, \sin((3\pi)/20)/4, \sin((61\pi)/400)/4, \sin((31\pi)/200)/4, \sin((63\pi)/400)/4,$
 $\sin((4\pi)/25)/4, \sin((13\pi)/80)/4, \sin((33\pi)/200)/4, \sin((67\pi)/400)/4, \sin((17\pi)/100)/4,$
 $\sin((69\pi)/400)/4, \sin((7\pi)/40)/4, \sin((71\pi)/400)/4, \sin((9\pi)/50)/4, \sin((73\pi)/400)/4,$
 $\sin((37\pi)/200)/4, \sin((3\pi)/16)/4, \sin((19\pi)/100)/4, \sin((77\pi)/400)/4, \sin((39\pi)/200)/4,$
 $\sin((79\pi)/400)/4, (2^{1/2})^*(5 - 5^{1/2})^{1/2}/16, \sin((81\pi)/400)/4, \sin((41\pi)/200)/4,$
 $\sin((83\pi)/400)/4, \sin((21\pi)/100)/4, \sin((17\pi)/80)/4, \sin((43\pi)/200)/4, \sin((87\pi)/400)/4,$
 $\sin((11\pi)/50)/4, \sin((89\pi)/400)/4, \sin((9\pi)/40)/4, \sin((91\pi)/400)/4, \sin((23\pi)/100)/4,$
 $\sin((93\pi)/400)/4, \sin((47\pi)/200)/4, \sin((19\pi)/80)/4, \sin((6\pi)/25)/4, \sin((97\pi)/400)/4,$
 $\sin((49\pi)/200)/4, \sin((99\pi)/400)/4, 2^{1/2}/8, \sin((101\pi)/400)/4, \sin((51\pi)/200)/4,$
 $\sin((103\pi)/400)/4, \sin((13\pi)/50)/4, \sin((21\pi)/80)/4, \sin((53\pi)/200)/4, \sin((107\pi)/400)/4,$
 $\sin((27\pi)/100)/4, \sin((109\pi)/400)/4, \sin((11\pi)/40)/4, \sin((111\pi)/400)/4, \sin((7\pi)/25)/4,$
 $\sin((113\pi)/400)/4, \sin((57\pi)/200)/4, \sin((23\pi)/80)/4, \sin((29\pi)/100)/4, \sin((117\pi)/400)/4,$
 $\sin((59\pi)/200)/4, \sin((119\pi)/400)/4, 5^{1/2}/16 + 1/16, \sin((121\pi)/400)/4, \sin((61\pi)/200)/4,$
 $\sin((123\pi)/400)/4, \sin((31\pi)/100)/4, \sin((5\pi)/16)/4, \sin((63\pi)/200)/4, \sin((127\pi)/400)/4,$

$\sin((8*\pi)/25)/4, \sin((129*\pi)/400)/4, \sin((13*\pi)/40)/4, \sin((131*\pi)/400)/4, \sin((33*\pi)/100)/4,$
 $\sin((133*\pi)/400)/4, \sin((67*\pi)/200)/4, \sin((27*\pi)/80)/4, \sin((17*\pi)/50)/4, \sin((137*\pi)/400)/4,$
 $\sin((69*\pi)/200)/4, \sin((139*\pi)/400)/4, \sin((7*\pi)/20)/4, \sin((141*\pi)/400)/4, \sin((71*\pi)/200)/4,$
 $\sin((143*\pi)/400)/4, \sin((9*\pi)/25)/4, \sin((29*\pi)/80)/4, \sin((73*\pi)/200)/4, \sin((147*\pi)/400)/4,$
 $\sin((37*\pi)/100)/4, \sin((149*\pi)/400)/4, (2^{(1/2)} + 2)^{(1/2)}/8, \sin((151*\pi)/400)/4, \sin((19*\pi)/50)/4,$
 $\sin((153*\pi)/400)/4, \sin((77*\pi)/200)/4, \sin((31*\pi)/80)/4, \sin((39*\pi)/100)/4, \sin((157*\pi)/400)/4,$
 $\sin((79*\pi)/200)/4, \sin((159*\pi)/400)/4, (2^{(1/2)} * (5^{(1/2)} + 5)^{(1/2)})/16, \sin((161*\pi)/400)/4,$
 $\sin((81*\pi)/200)/4, \sin((163*\pi)/400)/4, \sin((41*\pi)/100)/4, \sin((33*\pi)/80)/4, \sin((83*\pi)/200)/4,$
 $\sin((167*\pi)/400)/4, \sin((21*\pi)/50)/4, \sin((169*\pi)/400)/4, \sin((17*\pi)/40)/4, \sin((171*\pi)/400)/4,$
 $\sin((43*\pi)/100)/4, \sin((173*\pi)/400)/4, \sin((87*\pi)/200)/4, \sin((7*\pi)/16)/4, \sin((11*\pi)/25)/4,$
 $\sin((177*\pi)/400)/4, \sin((89*\pi)/200)/4, \sin((179*\pi)/400)/4, \sin((9*\pi)/20)/4, \sin((181*\pi)/400)/4,$
 $\sin((91*\pi)/200)/4, \sin((183*\pi)/400)/4, \sin((23*\pi)/50)/4, \sin((37*\pi)/80)/4, \sin((93*\pi)/200)/4,$
 $\sin((187*\pi)/400)/4, \sin((47*\pi)/100)/4, \sin((189*\pi)/400)/4, \sin((19*\pi)/40)/4, \sin((191*\pi)/400)/4,$
 $\sin((12*\pi)/25)/4, \sin((193*\pi)/400)/4, \sin((97*\pi)/200)/4, \sin((39*\pi)/80)/4, \sin((49*\pi)/100)/4,$
 $\sin((197*\pi)/400)/4, \sin((99*\pi)/200)/4, \sin((199*\pi)/400)/4, 1/4, \sin((199*\pi)/400)/4,$
 $\sin((99*\pi)/200)/4, \sin((197*\pi)/400)/4, \sin((49*\pi)/100)/4, \sin((39*\pi)/80)/4, \sin((97*\pi)/200)/4,$
 $\sin((193*\pi)/400)/4, \sin((12*\pi)/25)/4, \sin((191*\pi)/400)/4, \sin((19*\pi)/40)/4, \sin((189*\pi)/400)/4,$
 $\sin((47*\pi)/100)/4, \sin((187*\pi)/400)/4, \sin((93*\pi)/200)/4, \sin((37*\pi)/80)/4, \sin((23*\pi)/50)/4,$
 $\sin((183*\pi)/400)/4, \sin((91*\pi)/200)/4, \sin((181*\pi)/400)/4, \sin((9*\pi)/20)/4, \sin((179*\pi)/400)/4,$
 $\sin((89*\pi)/200)/4, \sin((177*\pi)/400)/4, \sin((11*\pi)/25)/4, \sin((7*\pi)/16)/4, \sin((87*\pi)/200)/4,$
 $\sin((173*\pi)/400)/4, \sin((43*\pi)/100)/4, \sin((171*\pi)/400)/4, \sin((17*\pi)/40)/4, \sin((169*\pi)/400)/4,$
 $\sin((21*\pi)/50)/4, \sin((167*\pi)/400)/4, \sin((83*\pi)/200)/4, \sin((33*\pi)/80)/4, \sin((41*\pi)/100)/4,$
 $\sin((163*\pi)/400)/4, \sin((81*\pi)/200)/4, \sin((161*\pi)/400)/4, (2^{(1/2)} * (5^{(1/2)} + 5)^{(1/2)})/16,$
 $\sin((159*\pi)/400)/4, \sin((79*\pi)/200)/4, \sin((157*\pi)/400)/4, \sin((39*\pi)/100)/4, \sin((31*\pi)/80)/4,$
 $\sin((77*\pi)/200)/4, \sin((153*\pi)/400)/4, \sin((19*\pi)/50)/4, \sin((151*\pi)/400)/4, (2^{(1/2)} + 2)^{(1/2)}/8,$
 $\sin((149*\pi)/400)/4, \sin((37*\pi)/100)/4, \sin((147*\pi)/400)/4, \sin((73*\pi)/200)/4, \sin((29*\pi)/80)/4,$
 $\sin((9*\pi)/25)/4, \sin((143*\pi)/400)/4, \sin((71*\pi)/200)/4, \sin((141*\pi)/400)/4, \sin((7*\pi)/20)/4,$
 $\sin((139*\pi)/400)/4, \sin((69*\pi)/200)/4, \sin((137*\pi)/400)/4, \sin((17*\pi)/50)/4, \sin((27*\pi)/80)/4,$
 $\sin((67*\pi)/200)/4, \sin((133*\pi)/400)/4, \sin((33*\pi)/100)/4, \sin((131*\pi)/400)/4, \sin((13*\pi)/40)/4,$
 $\sin((129*\pi)/400)/4, \sin((8*\pi)/25)/4, \sin((127*\pi)/400)/4, \sin((63*\pi)/200)/4, \sin((5*\pi)/16)/4,$
 $\sin((31*\pi)/100)/4, \sin((123*\pi)/400)/4, \sin((61*\pi)/200)/4, \sin((121*\pi)/400)/4, 5^{(1/2)}/16 + 1/16,$
 $\sin((119*\pi)/400)/4, \sin((59*\pi)/200)/4, \sin((117*\pi)/400)/4, \sin((29*\pi)/100)/4, \sin((23*\pi)/80)/4,$
 $\sin((57*\pi)/200)/4, \sin((113*\pi)/400)/4, \sin((7*\pi)/25)/4, \sin((111*\pi)/400)/4, \sin((11*\pi)/40)/4,$
 $\sin((109*\pi)/400)/4, \sin((27*\pi)/100)/4, \sin((107*\pi)/400)/4, \sin((53*\pi)/200)/4, \sin((21*\pi)/80)/4,$
 $\sin((13*\pi)/50)/4, \sin((103*\pi)/400)/4, \sin((51*\pi)/200)/4, \sin((101*\pi)/400)/4, 2^{(1/2)}/8,$
 $\sin((99*\pi)/400)/4, \sin((49*\pi)/200)/4, \sin((97*\pi)/400)/4, \sin((6*\pi)/25)/4, \sin((19*\pi)/80)/4,$
 $\sin((47*\pi)/200)/4, \sin((93*\pi)/400)/4, \sin((23*\pi)/100)/4, \sin((91*\pi)/400)/4, \sin((9*\pi)/40)/4,$
 $\sin((89*\pi)/400)/4, \sin((11*\pi)/50)/4, \sin((87*\pi)/400)/4, \sin((43*\pi)/200)/4, \sin((17*\pi)/80)/4,$
 $\sin((21*\pi)/100)/4, \sin((83*\pi)/400)/4, \sin((41*\pi)/200)/4, \sin((81*\pi)/400)/4, (2^{(1/2)} * (5 -$
 $5^{(1/2)})^{(1/2)})/16, \sin((79*\pi)/400)/4, \sin((39*\pi)/200)/4, \sin((77*\pi)/400)/4, \sin((19*\pi)/100)/4,$
 $\sin((3*\pi)/16)/4, \sin((37*\pi)/200)/4, \sin((73*\pi)/400)/4, \sin((9*\pi)/50)/4, \sin((71*\pi)/400)/4,$
 $\sin((7*\pi)/40)/4, \sin((69*\pi)/400)/4, \sin((17*\pi)/100)/4, \sin((67*\pi)/400)/4, \sin((33*\pi)/200)/4,$
 $\sin((13*\pi)/80)/4, \sin((4*\pi)/25)/4, \sin((63*\pi)/400)/4, \sin((31*\pi)/200)/4, \sin((61*\pi)/400)/4,$
 $\sin((3*\pi)/20)/4, \sin((59*\pi)/400)/4, \sin((29*\pi)/200)/4, \sin((57*\pi)/400)/4, \sin((7*\pi)/50)/4,$

$\sin((11\pi)/80)/4, \sin((27\pi)/200)/4, \sin((53\pi)/400)/4, \sin((13\pi)/100)/4, \sin((51\pi)/400)/4, (2 - 2^{1/2})^{1/2}/8, \sin((49\pi)/400)/4, \sin((3\pi)/25)/4, \sin((47\pi)/400)/4, \sin((23\pi)/200)/4,$
 $\sin((9\pi)/80)/4, \sin((11\pi)/100)/4, \sin((43\pi)/400)/4, \sin((21\pi)/200)/4, \sin((41\pi)/400)/4,$
 $5^{1/2}/16 - 1/16, \sin((39\pi)/400)/4, \sin((19\pi)/200)/4, \sin((37\pi)/400)/4, \sin((9\pi)/100)/4,$
 $\sin((7\pi)/80)/4, \sin((17\pi)/200)/4, \sin((33\pi)/400)/4, \sin((2\pi)/25)/4, \sin((31\pi)/400)/4,$
 $\sin((3\pi)/40)/4, \sin((29\pi)/400)/4, \sin((7\pi)/100)/4, \sin((27\pi)/400)/4, \sin((13\pi)/200)/4,$
 $\sin(\pi/16)/4, \sin((3\pi)/50)/4, \sin((23\pi)/400)/4, \sin((11\pi)/200)/4, \sin((21\pi)/400)/4, \sin(\pi/20)/4,$
 $\sin((19\pi)/400)/4, \sin((9\pi)/200)/4, \sin((17\pi)/400)/4, \sin(\pi/25)/4, \sin((3\pi)/80)/4,$
 $\sin((7\pi)/200)/4, \sin((13\pi)/400)/4, \sin((3\pi)/100)/4, \sin((11\pi)/400)/4, \sin(\pi/40)/4,$
 $\sin((9\pi)/400)/4, \sin(\pi/50)/4, \sin((7\pi)/400)/4, \sin((3\pi)/200)/4, \sin(\pi/80)/4, \sin(\pi/100)/4,$
 $\sin((3\pi)/400)/4, \sin(\pi/200)/4, \sin(\pi/400)/4, 0, -\sin(\pi/400)/4, -\sin(\pi/200)/4, -\sin((3\pi)/400)/4, -$
 $\sin(\pi/100)/4, -\sin(\pi/80)/4, -\sin((3\pi)/200)/4, -\sin((7\pi)/400)/4, -\sin(\pi/50)/4, -\sin((9\pi)/400)/4, -$
 $\sin(\pi/40)/4, -\sin((11\pi)/400)/4, -\sin((3\pi)/100)/4, -\sin((13\pi)/400)/4, -\sin((7\pi)/200)/4, -$
 $\sin((3\pi)/80)/4, -\sin(\pi/25)/4, -\sin((17\pi)/400)/4, -\sin((9\pi)/200)/4, -\sin((19\pi)/400)/4, -$
 $\sin(\pi/20)/4, -\sin((21\pi)/400)/4, -\sin((11\pi)/200)/4, -\sin((23\pi)/400)/4, -\sin((3\pi)/50)/4, -$
 $\sin(\pi/16)/4, -\sin((13\pi)/200)/4, -\sin((27\pi)/400)/4, -\sin((7\pi)/100)/4, -\sin((29\pi)/400)/4, -$
 $\sin((3\pi)/40)/4, -\sin((31\pi)/400)/4, -\sin((2\pi)/25)/4, -\sin((33\pi)/400)/4, -\sin((17\pi)/200)/4, -$
 $\sin((7\pi)/80)/4, -\sin((9\pi)/100)/4, -\sin((37\pi)/400)/4, -\sin((19\pi)/200)/4, -\sin((39\pi)/400)/4, 1/16$
 $- 5^{1/2}/16, -\sin((41\pi)/400)/4, -\sin((21\pi)/200)/4, -\sin((43\pi)/400)/4, -\sin((11\pi)/100)/4, -$
 $\sin((9\pi)/80)/4, -\sin((23\pi)/200)/4, -\sin((47\pi)/400)/4, -\sin((3\pi)/25)/4, -\sin((49\pi)/400)/4, -(2 - 2^{1/2})^{1/2}/8,$
 $-\sin((51\pi)/400)/4, -\sin((13\pi)/100)/4, -\sin((53\pi)/400)/4, -\sin((27\pi)/200)/4, -$
 $\sin((11\pi)/80)/4, -\sin((7\pi)/50)/4, -\sin((57\pi)/400)/4, -\sin((29\pi)/200)/4, -\sin((59\pi)/400)/4, -$
 $\sin((3\pi)/20)/4, -\sin((61\pi)/400)/4, -\sin((31\pi)/200)/4, -\sin((63\pi)/400)/4, -\sin((4\pi)/25)/4, -$
 $\sin((13\pi)/80)/4, -\sin((33\pi)/200)/4, -\sin((67\pi)/400)/4, -\sin((17\pi)/100)/4, -\sin((69\pi)/400)/4, -$
 $\sin((7\pi)/40)/4, -\sin((71\pi)/400)/4, -\sin((9\pi)/50)/4, -\sin((73\pi)/400)/4, -\sin((37\pi)/200)/4, -$
 $\sin((3\pi)/16)/4, -\sin((19\pi)/100)/4, -\sin((77\pi)/400)/4, -\sin((39\pi)/200)/4, -\sin((79\pi)/400)/4, -$
 $(2^{1/2} * (5 - 5^{1/2})^{1/2})/16, -\sin((81\pi)/400)/4, -\sin((41\pi)/200)/4, -\sin((83\pi)/400)/4, -$
 $\sin((21\pi)/100)/4, -\sin((17\pi)/80)/4, -\sin((43\pi)/200)/4, -\sin((87\pi)/400)/4, -\sin((11\pi)/50)/4, -$
 $\sin((89\pi)/400)/4, -\sin((9\pi)/40)/4, -\sin((91\pi)/400)/4, -\sin((23\pi)/100)/4, -\sin((93\pi)/400)/4, -$
 $\sin((47\pi)/200)/4, -\sin((19\pi)/80)/4, -\sin((6\pi)/25)/4, -\sin((97\pi)/400)/4, -\sin((49\pi)/200)/4, -$
 $\sin((99\pi)/400)/4, -2^{1/2}/8, -\sin((101\pi)/400)/4, -\sin((51\pi)/200)/4, -\sin((103\pi)/400)/4, -$
 $\sin((13\pi)/50)/4, -\sin((21\pi)/80)/4, -\sin((53\pi)/200)/4, -\sin((107\pi)/400)/4, -\sin((27\pi)/100)/4, -$
 $\sin((109\pi)/400)/4, -\sin((11\pi)/40)/4, -\sin((111\pi)/400)/4, -\sin((7\pi)/25)/4, -\sin((113\pi)/400)/4, -$
 $\sin((57\pi)/200)/4, -\sin((23\pi)/80)/4, -\sin((29\pi)/100)/4, -\sin((117\pi)/400)/4, -\sin((59\pi)/200)/4, -$
 $\sin((119\pi)/400)/4, - 5^{1/2}/16 - 1/16, -\sin((121\pi)/400)/4, -\sin((61\pi)/200)/4, -$
 $\sin((123\pi)/400)/4, -\sin((31\pi)/100)/4, -\sin((5\pi)/16)/4, -\sin((63\pi)/200)/4, -\sin((127\pi)/400)/4, -$
 $\sin((8\pi)/25)/4, -\sin((129\pi)/400)/4, -\sin((13\pi)/40)/4, -\sin((131\pi)/400)/4, -\sin((33\pi)/100)/4, -$
 $\sin((133\pi)/400)/4, -\sin((67\pi)/200)/4, -\sin((27\pi)/80)/4, -\sin((17\pi)/50)/4, -\sin((137\pi)/400)/4, -$
 $\sin((69\pi)/200)/4, -\sin((139\pi)/400)/4, -\sin((7\pi)/20)/4, -\sin((141\pi)/400)/4, -\sin((71\pi)/200)/4, -$
 $\sin((143\pi)/400)/4, -\sin((9\pi)/25)/4, -\sin((29\pi)/80)/4, -\sin((73\pi)/200)/4, -\sin((147\pi)/400)/4, -$
 $\sin((37\pi)/100)/4, -\sin((149\pi)/400)/4, -(2^{1/2} + 2)^{1/2}/8, -\sin((151\pi)/400)/4, -$
 $\sin((19\pi)/50)/4, -\sin((153\pi)/400)/4, -\sin((77\pi)/200)/4, -\sin((31\pi)/80)/4, -\sin((39\pi)/100)/4, -$
 $\sin((157\pi)/400)/4, -\sin((79\pi)/200)/4, -\sin((159\pi)/400)/4, -(2^{1/2} * (5^{1/2} + 5)^{1/2})/16, -$
 $\sin((161\pi)/400)/4, -\sin((81\pi)/200)/4, -\sin((163\pi)/400)/4, -\sin((41\pi)/100)/4, -\sin((33\pi)/80)/4, -$

$\sin((83*\pi)/200)/4, -\sin((167*\pi)/400)/4, -\sin((21*\pi)/50)/4, -\sin((169*\pi)/400)/4, -\sin((17*\pi)/40)/4, -$
 $\sin((171*\pi)/400)/4, -\sin((43*\pi)/100)/4, -\sin((173*\pi)/400)/4, -\sin((87*\pi)/200)/4, -\sin((7*\pi)/16)/4, -$
 $\sin((11*\pi)/25)/4, -\sin((177*\pi)/400)/4, -\sin((89*\pi)/200)/4, -\sin((179*\pi)/400)/4, -\sin((9*\pi)/20)/4, -$
 $\sin((181*\pi)/400)/4, -\sin((91*\pi)/200)/4, -\sin((183*\pi)/400)/4, -\sin((23*\pi)/50)/4, -\sin((37*\pi)/80)/4, -$
 $\sin((93*\pi)/200)/4, -\sin((187*\pi)/400)/4, -\sin((47*\pi)/100)/4, -\sin((189*\pi)/400)/4, -\sin((19*\pi)/40)/4, -$
 $\sin((191*\pi)/400)/4, -\sin((12*\pi)/25)/4, -\sin((193*\pi)/400)/4, -\sin((97*\pi)/200)/4, -\sin((39*\pi)/80)/4, -$
 $\sin((49*\pi)/100)/4, -\sin((197*\pi)/400)/4, -\sin((99*\pi)/200)/4, -\sin((199*\pi)/400)/4, -1/4, -$
 $\sin((199*\pi)/400)/4, -\sin((99*\pi)/200)/4, -\sin((197*\pi)/400)/4, -\sin((49*\pi)/100)/4, -\sin((39*\pi)/80)/4, -$
 $\sin((97*\pi)/200)/4, -\sin((193*\pi)/400)/4, -\sin((12*\pi)/25)/4, -\sin((191*\pi)/400)/4, -\sin((19*\pi)/40)/4, -$
 $\sin((189*\pi)/400)/4, -\sin((47*\pi)/100)/4, -\sin((187*\pi)/400)/4, -\sin((93*\pi)/200)/4, -\sin((37*\pi)/80)/4, -$
 $\sin((23*\pi)/50)/4, -\sin((183*\pi)/400)/4, -\sin((91*\pi)/200)/4, -\sin((181*\pi)/400)/4, -\sin((9*\pi)/20)/4, -$
 $\sin((179*\pi)/400)/4, -\sin((89*\pi)/200)/4, -\sin((177*\pi)/400)/4, -\sin((11*\pi)/25)/4, -\sin((7*\pi)/16)/4, -$
 $\sin((87*\pi)/200)/4, -\sin((173*\pi)/400)/4, -\sin((43*\pi)/100)/4, -\sin((171*\pi)/400)/4, -\sin((17*\pi)/40)/4, -$
 $\sin((169*\pi)/400)/4, -\sin((21*\pi)/50)/4, -\sin((167*\pi)/400)/4, -\sin((83*\pi)/200)/4, -\sin((33*\pi)/80)/4, -$
 $\sin((41*\pi)/100)/4, -\sin((163*\pi)/400)/4, -\sin((81*\pi)/200)/4, -\sin((161*\pi)/400)/4, -(2^{1/2})*(5^{1/2})$
 $+ 5)^{1/2}/16, -\sin((159*\pi)/400)/4, -\sin((79*\pi)/200)/4, -\sin((157*\pi)/400)/4, -\sin((39*\pi)/100)/4, -$
 $\sin((31*\pi)/80)/4, -\sin((77*\pi)/200)/4, -\sin((153*\pi)/400)/4, -\sin((19*\pi)/50)/4, -\sin((151*\pi)/400)/4, -$
 $(2^{1/2} + 2)^{1/2}/8, -\sin((149*\pi)/400)/4, -\sin((37*\pi)/100)/4, -\sin((147*\pi)/400)/4, -$
 $\sin((73*\pi)/200)/4, -\sin((29*\pi)/80)/4, -\sin((9*\pi)/25)/4, -\sin((143*\pi)/400)/4, -\sin((71*\pi)/200)/4, -$
 $\sin((141*\pi)/400)/4, -\sin((7*\pi)/20)/4, -\sin((139*\pi)/400)/4, -\sin((69*\pi)/200)/4, -\sin((137*\pi)/400)/4, -$
 $\sin((17*\pi)/50)/4, -\sin((27*\pi)/80)/4, -\sin((67*\pi)/200)/4, -\sin((133*\pi)/400)/4, -\sin((33*\pi)/100)/4, -$
 $\sin((131*\pi)/400)/4, -\sin((13*\pi)/40)/4, -\sin((129*\pi)/400)/4, -\sin((8*\pi)/25)/4, -\sin((127*\pi)/400)/4, -$
 $\sin((63*\pi)/200)/4, -\sin((5*\pi)/16)/4, -\sin((31*\pi)/100)/4, -\sin((123*\pi)/400)/4, -\sin((61*\pi)/200)/4, -$
 $\sin((121*\pi)/400)/4, -5^{1/2}/16 - 1/16, -\sin((119*\pi)/400)/4, -\sin((59*\pi)/200)/4, -$
 $\sin((117*\pi)/400)/4, -\sin((29*\pi)/100)/4, -\sin((23*\pi)/80)/4, -\sin((57*\pi)/200)/4, -\sin((113*\pi)/400)/4, -$
 $\sin((7*\pi)/25)/4, -\sin((111*\pi)/400)/4, -\sin((11*\pi)/40)/4, -\sin((109*\pi)/400)/4, -\sin((27*\pi)/100)/4, -$
 $\sin((107*\pi)/400)/4, -\sin((53*\pi)/200)/4, -\sin((21*\pi)/80)/4, -\sin((13*\pi)/50)/4, -\sin((103*\pi)/400)/4, -$
 $\sin((51*\pi)/200)/4, -\sin((101*\pi)/400)/4, -2^{1/2}/8, -\sin((99*\pi)/400)/4, -\sin((49*\pi)/200)/4, -$
 $\sin((97*\pi)/400)/4, -\sin((6*\pi)/25)/4, -\sin((19*\pi)/80)/4, -\sin((47*\pi)/200)/4, -\sin((93*\pi)/400)/4, -$
 $\sin((23*\pi)/100)/4, -\sin((91*\pi)/400)/4, -\sin((9*\pi)/40)/4, -\sin((89*\pi)/400)/4, -\sin((11*\pi)/50)/4, -$
 $\sin((87*\pi)/400)/4, -\sin((43*\pi)/200)/4, -\sin((17*\pi)/80)/4, -\sin((21*\pi)/100)/4, -\sin((83*\pi)/400)/4, -$
 $\sin((41*\pi)/200)/4, -\sin((81*\pi)/400)/4, -(2^{1/2})*(5 - 5^{1/2})^{1/2}/16, -\sin((79*\pi)/400)/4, -$
 $\sin((39*\pi)/200)/4, -\sin((77*\pi)/400)/4, -\sin((19*\pi)/100)/4, -\sin((3*\pi)/16)/4, -\sin((37*\pi)/200)/4, -$
 $\sin((73*\pi)/400)/4, -\sin((9*\pi)/50)/4, -\sin((71*\pi)/400)/4, -\sin((7*\pi)/40)/4, -\sin((69*\pi)/400)/4, -$
 $\sin((17*\pi)/100)/4, -\sin((67*\pi)/400)/4, -\sin((33*\pi)/200)/4, -\sin((13*\pi)/80)/4, -\sin((4*\pi)/25)/4, -$
 $\sin((63*\pi)/400)/4, -\sin((31*\pi)/200)/4, -\sin((61*\pi)/400)/4, -\sin((3*\pi)/20)/4, -\sin((59*\pi)/400)/4, -$
 $\sin((29*\pi)/200)/4, -\sin((57*\pi)/400)/4, -\sin((7*\pi)/50)/4, -\sin((11*\pi)/80)/4, -\sin((27*\pi)/200)/4, -$
 $\sin((53*\pi)/400)/4, -\sin((13*\pi)/100)/4, -\sin((51*\pi)/400)/4, -(2 - 2^{1/2})^{1/2}/8, -\sin((49*\pi)/400)/4,$
 $-\sin((3*\pi)/25)/4, -\sin((47*\pi)/400)/4, -\sin((23*\pi)/200)/4, -\sin((9*\pi)/80)/4, -\sin((11*\pi)/100)/4, -$
 $\sin((43*\pi)/400)/4, -\sin((21*\pi)/200)/4, -\sin((41*\pi)/400)/4, 1/16 - 5^{1/2}/16, -\sin((39*\pi)/400)/4, -$
 $\sin((19*\pi)/200)/4, -\sin((37*\pi)/400)/4, -\sin((9*\pi)/100)/4, -\sin((7*\pi)/80)/4, -\sin((17*\pi)/200)/4, -$
 $\sin((33*\pi)/400)/4, -\sin((2*\pi)/25)/4, -\sin((31*\pi)/400)/4, -\sin((3*\pi)/40)/4, -\sin((29*\pi)/400)/4, -$
 $\sin((7*\pi)/100)/4, -\sin((27*\pi)/400)/4, -\sin((13*\pi)/200)/4, -\sin(\pi/16)/4, -\sin((3*\pi)/50)/4, -$
 $\sin((23*\pi)/400)/4, -\sin((11*\pi)/200)/4, -\sin((21*\pi)/400)/4, -\sin(\pi/20)/4, -\sin((19*\pi)/400)/4, -$

sin((9*pi)/200)/4, -sin((17*pi)/400)/4, -sin(pi/25)/4, -sin((3*pi)/80)/4, -sin((7*pi)/200)/4, -
sin((13*pi)/400)/4, -sin((3*pi)/100)/4, -sin((11*pi)/400)/4, -sin(pi/40)/4, -sin((9*pi)/400)/4, -
sin(pi/50)/4, -sin((7*pi)/400)/4, -sin((3*pi)/200)/4, -sin(pi/80)/4, -sin(pi/100)/4, -sin((3*pi)/400)/4, -
sin(pi/200)/4, -sin(pi/400)/4, 0, sin(pi/400)/4, sin(pi/200)/4, sin((3*pi)/400)/4, sin(pi/100)/4,
sin(pi/80)/4, sin((3*pi)/200)/4, sin((7*pi)/400)/4, sin(pi/50)/4, sin((9*pi)/400)/4, sin(pi/40)/4,
sin((11*pi)/400)/4, sin((3*pi)/100)/4, sin((13*pi)/400)/4, sin((7*pi)/200)/4, sin((3*pi)/80)/4,
sin(pi/25)/4, sin((17*pi)/400)/4, sin((9*pi)/200)/4, sin((19*pi)/400)/4, sin(pi/20)/4, sin((21*pi)/400)/4,
sin((11*pi)/200)/4, sin((23*pi)/400)/4, sin((3*pi)/50)/4, sin(pi/16)/4, sin((13*pi)/200)/4,
sin((27*pi)/400)/4, sin((7*pi)/100)/4, sin((29*pi)/400)/4, sin((3*pi)/40)/4, sin((31*pi)/400)/4,
sin((2*pi)/25)/4, sin((33*pi)/400)/4, sin((17*pi)/200)/4, ... Output truncated. Text exceeds maximum
line length for Command Window display.

Vp =

[1/2, cos(pi/50000)/2, cos(pi/25000)/2, cos((3*pi)/50000)/2, cos(pi/12500)/2, cos(pi/10000)/2,
cos((3*pi)/25000)/2, cos((7*pi)/50000)/2, cos(pi/6250)/2, cos((9*pi)/50000)/2, cos(pi/5000)/2,
cos((11*pi)/50000)/2, cos((3*pi)/12500)/2, cos((13*pi)/50000)/2, cos((7*pi)/25000)/2,
cos((3*pi)/10000)/2, cos(pi/3125)/2, cos((17*pi)/50000)/2, cos((9*pi)/25000)/2, cos((19*pi)/50000)/2,
cos(pi/2500)/2, cos((21*pi)/50000)/2, cos((11*pi)/25000)/2, cos((23*pi)/50000)/2, cos((3*pi)/6250)/2,
cos(pi/2000)/2, cos((13*pi)/25000)/2, cos((27*pi)/50000)/2, cos((7*pi)/12500)/2,
cos((29*pi)/50000)/2, cos((3*pi)/5000)/2, cos((31*pi)/50000)/2, cos((2*pi)/3125)/2,
cos((33*pi)/50000)/2, cos((17*pi)/25000)/2, cos((7*pi)/10000)/2, cos((9*pi)/12500)/2,
cos((37*pi)/50000)/2, cos((19*pi)/25000)/2, cos((39*pi)/50000)/2, cos(pi/1250)/2,
cos((41*pi)/50000)/2, cos((21*pi)/25000)/2, cos((43*pi)/50000)/2, cos((11*pi)/12500)/2,
cos((9*pi)/10000)/2, cos((23*pi)/25000)/2, cos((47*pi)/50000)/2, cos((3*pi)/3125)/2,
cos((49*pi)/50000)/2, cos(pi/1000)/2, cos((51*pi)/50000)/2, cos((13*pi)/12500)/2,
cos((53*pi)/50000)/2, cos((27*pi)/25000)/2, cos((11*pi)/10000)/2, cos((7*pi)/6250)/2,
cos((57*pi)/50000)/2, cos((29*pi)/25000)/2, cos((59*pi)/50000)/2, cos((3*pi)/2500)/2,
cos((61*pi)/50000)/2, cos((31*pi)/25000)/2, cos((63*pi)/50000)/2, cos((4*pi)/3125)/2,
cos((13*pi)/10000)/2, cos((33*pi)/25000)/2, cos((67*pi)/50000)/2, cos((17*pi)/12500)/2,
cos((69*pi)/50000)/2, cos((7*pi)/5000)/2, cos((71*pi)/50000)/2, cos((9*pi)/6250)/2,
cos((73*pi)/50000)/2, cos((37*pi)/25000)/2, cos((3*pi)/2000)/2, cos((19*pi)/12500)/2,
cos((77*pi)/50000)/2, cos((39*pi)/25000)/2, cos((79*pi)/50000)/2, cos(pi/625)/2,
cos((81*pi)/50000)/2, cos((41*pi)/25000)/2, cos((83*pi)/50000)/2, cos((21*pi)/12500)/2,
cos((17*pi)/10000)/2, cos((43*pi)/25000)/2, cos((87*pi)/50000)/2, cos((11*pi)/6250)/2,
cos((89*pi)/50000)/2, cos((9*pi)/5000)/2, cos((91*pi)/50000)/2, cos((23*pi)/12500)/2,
cos((93*pi)/50000)/2, cos((47*pi)/25000)/2, cos((19*pi)/10000)/2, cos((6*pi)/3125)/2,
cos((97*pi)/50000)/2, cos((49*pi)/25000)/2, cos((99*pi)/50000)/2, cos(pi/500)/2,
cos((101*pi)/50000)/2, cos((51*pi)/25000)/2, cos((103*pi)/50000)/2, cos((13*pi)/6250)/2,
cos((21*pi)/10000)/2, cos((53*pi)/25000)/2, cos((107*pi)/50000)/2, cos((27*pi)/12500)/2,
cos((109*pi)/50000)/2, cos((11*pi)/5000)/2, cos((111*pi)/50000)/2, cos((7*pi)/3125)/2,
cos((113*pi)/50000)/2, cos((57*pi)/25000)/2, cos((23*pi)/10000)/2, cos((29*pi)/12500)/2,

cos((117*pi)/50000)/2, cos((59*pi)/25000)/2, cos((119*pi)/50000)/2, cos((3*pi)/1250)/2,
cos((121*pi)/50000)/2, cos((61*pi)/25000)/2, cos((123*pi)/50000)/2, cos((31*pi)/12500)/2,
cos(pi/400)/2, cos((63*pi)/25000)/2, cos((127*pi)/50000)/2, cos((8*pi)/3125)/2,
cos((129*pi)/50000)/2, cos((13*pi)/5000)/2, cos((131*pi)/50000)/2, cos((33*pi)/12500)/2,
cos((133*pi)/50000)/2, cos((67*pi)/25000)/2, cos((27*pi)/10000)/2, cos((17*pi)/6250)/2,
cos((137*pi)/50000)/2, cos((69*pi)/25000)/2, cos((139*pi)/50000)/2, cos((7*pi)/2500)/2,
cos((141*pi)/50000)/2, cos((71*pi)/25000)/2, cos((143*pi)/50000)/2, cos((9*pi)/3125)/2,
cos((29*pi)/10000)/2, cos((73*pi)/25000)/2, cos((147*pi)/50000)/2, cos((37*pi)/12500)/2,
cos((149*pi)/50000)/2, cos((3*pi)/1000)/2, cos((151*pi)/50000)/2, cos((19*pi)/6250)/2,
cos((153*pi)/50000)/2, cos((77*pi)/25000)/2, cos((31*pi)/10000)/2, cos((39*pi)/12500)/2,
cos((157*pi)/50000)/2, cos((79*pi)/25000)/2, cos((159*pi)/50000)/2, cos((2*pi)/625)/2,
cos((161*pi)/50000)/2, cos((81*pi)/25000)/2, cos((163*pi)/50000)/2, cos((41*pi)/12500)/2,
cos((33*pi)/10000)/2, cos((83*pi)/25000)/2, cos((167*pi)/50000)/2, cos((21*pi)/6250)/2,
cos((169*pi)/50000)/2, cos((17*pi)/5000)/2, cos((171*pi)/50000)/2, cos((43*pi)/12500)/2,
cos((173*pi)/50000)/2, cos((87*pi)/25000)/2, cos((7*pi)/2000)/2, cos((11*pi)/3125)/2,
cos((177*pi)/50000)/2, cos((89*pi)/25000)/2, cos((179*pi)/50000)/2, cos((9*pi)/2500)/2,
cos((181*pi)/50000)/2, cos((91*pi)/25000)/2, cos((183*pi)/50000)/2, cos((23*pi)/6250)/2,
cos((37*pi)/10000)/2, cos((93*pi)/25000)/2, cos((187*pi)/50000)/2, cos((47*pi)/12500)/2,
cos((189*pi)/50000)/2, cos((19*pi)/5000)/2, cos((191*pi)/50000)/2, cos((12*pi)/3125)/2,
cos((193*pi)/50000)/2, cos((97*pi)/25000)/2, cos((39*pi)/10000)/2, cos((49*pi)/12500)/2,
cos((197*pi)/50000)/2, cos((99*pi)/25000)/2, cos((199*pi)/50000)/2, cos(pi/250)/2,
cos((201*pi)/50000)/2, cos((101*pi)/25000)/2, cos((203*pi)/50000)/2, cos((51*pi)/12500)/2,
cos((41*pi)/10000)/2, cos((103*pi)/25000)/2, cos((207*pi)/50000)/2, cos((13*pi)/3125)/2,
cos((209*pi)/50000)/2, cos((21*pi)/5000)/2, cos((211*pi)/50000)/2, cos((53*pi)/12500)/2,
cos((213*pi)/50000)/2, cos((107*pi)/25000)/2, cos((43*pi)/10000)/2, cos((27*pi)/6250)/2,
cos((217*pi)/50000)/2, cos((109*pi)/25000)/2, cos((219*pi)/50000)/2, cos((11*pi)/2500)/2,
cos((221*pi)/50000)/2, cos((111*pi)/25000)/2, cos((223*pi)/50000)/2, cos((14*pi)/3125)/2,
cos((9*pi)/2000)/2, cos((113*pi)/25000)/2, cos((227*pi)/50000)/2, cos((57*pi)/12500)/2,
cos((229*pi)/50000)/2, cos((23*pi)/5000)/2, cos((231*pi)/50000)/2, cos((29*pi)/6250)/2,
cos((233*pi)/50000)/2, cos((117*pi)/25000)/2, cos((47*pi)/10000)/2, cos((59*pi)/12500)/2,
cos((237*pi)/50000)/2, cos((119*pi)/25000)/2, cos((239*pi)/50000)/2, cos((3*pi)/625)/2,
cos((241*pi)/50000)/2, cos((121*pi)/25000)/2, cos((243*pi)/50000)/2, cos((61*pi)/12500)/2,
cos((49*pi)/10000)/2, cos((123*pi)/25000)/2, cos((247*pi)/50000)/2, cos((31*pi)/6250)/2,
cos((249*pi)/50000)/2, cos(pi/200)/2, cos((251*pi)/50000)/2, cos((63*pi)/12500)/2,
cos((253*pi)/50000)/2, cos((127*pi)/25000)/2, cos((51*pi)/10000)/2, cos((16*pi)/3125)/2,
cos((257*pi)/50000)/2, cos((129*pi)/25000)/2, cos((259*pi)/50000)/2, cos((13*pi)/2500)/2,
cos((261*pi)/50000)/2, cos((131*pi)/25000)/2, cos((263*pi)/50000)/2, cos((33*pi)/6250)/2,
cos((53*pi)/10000)/2, cos((133*pi)/25000)/2, cos((267*pi)/50000)/2, cos((67*pi)/12500)/2,
cos((269*pi)/50000)/2, cos((27*pi)/5000)/2, cos((271*pi)/50000)/2, cos((17*pi)/3125)/2,
cos((273*pi)/50000)/2, cos((137*pi)/25000)/2, cos((11*pi)/2000)/2, cos((69*pi)/12500)/2,
cos((277*pi)/50000)/2, cos((139*pi)/25000)/2, cos((279*pi)/50000)/2, cos((7*pi)/1250)/2,
cos((281*pi)/50000)/2, cos((141*pi)/25000)/2, cos((283*pi)/50000)/2, cos((71*pi)/12500)/2,
cos((57*pi)/10000)/2, cos((143*pi)/25000)/2, cos((287*pi)/50000)/2, cos((18*pi)/3125)/2,
cos((289*pi)/50000)/2, cos((29*pi)/5000)/2, cos((291*pi)/50000)/2, cos((73*pi)/12500)/2,

cos((293*pi)/50000)/2, cos((147*pi)/25000)/2, cos((59*pi)/10000)/2, cos((37*pi)/6250)/2,
cos((297*pi)/50000)/2, cos((149*pi)/25000)/2, cos((299*pi)/50000)/2, cos((3*pi)/500)/2,
cos((301*pi)/50000)/2, cos((151*pi)/25000)/2, cos((303*pi)/50000)/2, cos((19*pi)/3125)/2,
cos((61*pi)/10000)/2, cos((153*pi)/25000)/2, cos((307*pi)/50000)/2, cos((77*pi)/12500)/2,
cos((309*pi)/50000)/2, cos((31*pi)/5000)/2, cos((311*pi)/50000)/2, cos((39*pi)/6250)/2,
cos((313*pi)/50000)/2, cos((157*pi)/25000)/2, cos((63*pi)/10000)/2, cos((79*pi)/12500)/2,
cos((317*pi)/50000)/2, cos((159*pi)/25000)/2, cos((319*pi)/50000)/2, cos((4*pi)/625)/2,
cos((321*pi)/50000)/2, cos((161*pi)/25000)/2, cos((323*pi)/50000)/2, cos((81*pi)/12500)/2,
cos((13*pi)/2000)/2, cos((163*pi)/25000)/2, cos((327*pi)/50000)/2, cos((41*pi)/6250)/2,
cos((329*pi)/50000)/2, cos((33*pi)/5000)/2, cos((331*pi)/50000)/2, cos((83*pi)/12500)/2,
cos((333*pi)/50000)/2, cos((167*pi)/25000)/2, cos((67*pi)/10000)/2, cos((21*pi)/3125)/2,
cos((337*pi)/50000)/2, cos((169*pi)/25000)/2, cos((339*pi)/50000)/2, cos((17*pi)/2500)/2,
cos((341*pi)/50000)/2, cos((171*pi)/25000)/2, cos((343*pi)/50000)/2, cos((43*pi)/6250)/2,
cos((69*pi)/10000)/2, cos((173*pi)/25000)/2, cos((347*pi)/50000)/2, cos((87*pi)/12500)/2,
cos((349*pi)/50000)/2, cos((7*pi)/1000)/2, cos((351*pi)/50000)/2, cos((22*pi)/3125)/2,
cos((353*pi)/50000)/2, cos((177*pi)/25000)/2, cos((71*pi)/10000)/2, cos((89*pi)/12500)/2,
cos((357*pi)/50000)/2, cos((179*pi)/25000)/2, cos((359*pi)/50000)/2, cos((9*pi)/1250)/2,
cos((361*pi)/50000)/2, cos((181*pi)/25000)/2, cos((363*pi)/50000)/2, cos((91*pi)/12500)/2,
cos((73*pi)/10000)/2, cos((183*pi)/25000)/2, cos((367*pi)/50000)/2, cos((23*pi)/3125)/2,
cos((369*pi)/50000)/2, cos((37*pi)/5000)/2, cos((371*pi)/50000)/2, cos((93*pi)/12500)/2,
cos((373*pi)/50000)/2, cos((187*pi)/25000)/2, cos((3*pi)/400)/2, cos((47*pi)/6250)/2,
cos((377*pi)/50000)/2, cos((189*pi)/25000)/2, cos((379*pi)/50000)/2, cos((19*pi)/2500)/2,
cos((381*pi)/50000)/2, cos((191*pi)/25000)/2, cos((383*pi)/50000)/2, cos((24*pi)/3125)/2,
cos((77*pi)/10000)/2, cos((193*pi)/25000)/2, cos((387*pi)/50000)/2, cos((97*pi)/12500)/2,
cos((389*pi)/50000)/2, cos((39*pi)/5000)/2, cos((391*pi)/50000)/2, cos((49*pi)/6250)/2,
cos((393*pi)/50000)/2, cos((197*pi)/25000)/2, cos((79*pi)/10000)/2, cos((99*pi)/12500)/2,
cos((397*pi)/50000)/2, cos((199*pi)/25000)/2, cos((399*pi)/50000)/2, cos(pi/125)/2,
cos((401*pi)/50000)/2, cos((201*pi)/25000)/2, cos((403*pi)/50000)/2, cos((101*pi)/12500)/2,
cos((81*pi)/10000)/2, cos((203*pi)/25000)/2, cos((407*pi)/50000)/2, cos((51*pi)/6250)/2,
cos((409*pi)/50000)/2, cos((41*pi)/5000)/2, cos((411*pi)/50000)/2, cos((103*pi)/12500)/2,
cos((413*pi)/50000)/2, cos((207*pi)/25000)/2, cos((83*pi)/10000)/2, cos((26*pi)/3125)/2,
cos((417*pi)/50000)/2, cos((209*pi)/25000)/2, cos((419*pi)/50000)/2, cos((21*pi)/2500)/2,
cos((421*pi)/50000)/2, cos((211*pi)/25000)/2, cos((423*pi)/50000)/2, cos((53*pi)/6250)/2,
cos((17*pi)/2000)/2, cos((213*pi)/25000)/2, cos((427*pi)/50000)/2, cos((107*pi)/12500)/2,
cos((429*pi)/50000)/2, cos((43*pi)/5000)/2, cos((431*pi)/50000)/2, cos((27*pi)/3125)/2,
cos((433*pi)/50000)/2, cos((217*pi)/25000)/2, cos((87*pi)/10000)/2, cos((109*pi)/12500)/2,
cos((437*pi)/50000)/2, cos((219*pi)/25000)/2, cos((439*pi)/50000)/2, cos((11*pi)/1250)/2,
cos((441*pi)/50000)/2, cos((221*pi)/25000)/2, cos((443*pi)/50000)/2, cos((111*pi)/12500)/2,
cos((89*pi)/10000)/2, cos((223*pi)/25000)/2, cos((447*pi)/50000)/2, cos((28*pi)/3125)/2,
cos((449*pi)/50000)/2, cos((9*pi)/1000)/2, cos((451*pi)/50000)/2, cos((113*pi)/12500)/2,
cos((453*pi)/50000)/2, cos((227*pi)/25000)/2, cos((91*pi)/10000)/2, cos((57*pi)/6250)/2,
cos((457*pi)/50000)/2, cos((229*pi)/25000)/2, cos((459*pi)/50000)/2, cos((23*pi)/2500)/2,
cos((461*pi)/50000)/2, cos((231*pi)/25000)/2, cos((463*pi)/50000)/2, cos((29*pi)/3125)/2,
cos((93*pi)/10000)/2, cos((233*pi)/25000)/2, cos((467*pi)/50000)/2, cos((117*pi)/12500)/2,

cos((469*pi)/50000)/2, cos((47*pi)/5000)/2, cos((471*pi)/50000)/2, cos((59*pi)/6250)/2,
cos((473*pi)/50000)/2, cos((237*pi)/25000)/2, cos((19*pi)/2000)/2, cos((119*pi)/12500)/2,
cos((477*pi)/50000)/2, cos((239*pi)/25000)/2, cos((479*pi)/50000)/2, cos((6*pi)/625)/2,
cos((481*pi)/50000)/2, cos((241*pi)/25000)/2, cos((483*pi)/50000)/2, cos((121*pi)/12500)/2,
cos((97*pi)/10000)/2, cos((243*pi)/25000)/2, cos((487*pi)/50000)/2, cos((61*pi)/6250)/2,
cos((489*pi)/50000)/2, cos((49*pi)/5000)/2, cos((491*pi)/50000)/2, cos((123*pi)/12500)/2,
cos((493*pi)/50000)/2, cos((247*pi)/25000)/2, cos((99*pi)/10000)/2, cos((31*pi)/3125)/2,
cos((497*pi)/50000)/2, cos((249*pi)/25000)/2, cos((499*pi)/50000)/2, cos(pi/100)/2,
cos((501*pi)/50000)/2, cos((251*pi)/25000)/2, cos((503*pi)/50000)/2, cos((63*pi)/6250)/2,
cos((101*pi)/10000)/2, cos((253*pi)/25000)/2, cos((507*pi)/50000)/2, cos((127*pi)/12500)/2,
cos((509*pi)/50000)/2, cos((51*pi)/5000)/2, cos((511*pi)/50000)/2, cos((32*pi)/3125)/2,
cos((513*pi)/50000)/2, cos((257*pi)/25000)/2, cos((103*pi)/10000)/2, cos((129*pi)/12500)/2,
cos((517*pi)/50000)/2, cos((259*pi)/25000)/2, cos((519*pi)/50000)/2, cos((13*pi)/1250)/2,
cos((521*pi)/50000)/2, cos((261*pi)/25000)/2, cos((523*pi)/50000)/2, cos((131*pi)/12500)/2,
cos((21*pi)/2000)/2, cos((263*pi)/25000)/2, cos((527*pi)/50000)/2, cos((33*pi)/3125)/2,
cos((529*pi)/50000)/2, cos((53*pi)/5000)/2, cos((531*pi)/50000)/2, cos((133*pi)/12500)/2,
cos((533*pi)/50000)/2, cos((267*pi)/25000)/2, cos((107*pi)/10000)/2, cos((67*pi)/6250)/2,
cos((537*pi)/50000)/2, cos((269*pi)/25000)/2, cos((539*pi)/50000)/2, cos((27*pi)/2500)/2,
cos((541*pi)/50000)/2, cos((271*pi)/25000)/2, cos((543*pi)/50000)/2, cos((34*pi)/3125)/2,
cos((109*pi)/10000)/2, cos((273*pi)/25000)/2, cos((547*pi)/50000)/2, cos((137*pi)/12500)/2,
cos((549*pi)/50000)/2, cos((11*pi)/1000)/2, cos((551*pi)/50000)/2, cos((69*pi)/6250)/2,
cos((553*pi)/50000)/2, cos((277*pi)/25000)/2, cos((111*pi)/10000)/2, cos((139*pi)/12500)/2,
cos((557*pi)/50000)/2, cos((279*pi)/25000)/2, cos((559*pi)/50000)/2, cos((7*pi)/625)/2,
cos((561*pi)/50000)/2, cos((281*pi)/25000)/2, cos((563*pi)/50000)/2, cos((141*pi)/12500)/2,
cos((113*pi)/10000)/2, cos((283*pi)/25000)/2, cos((567*pi)/50000)/2, cos((71*pi)/6250)/2,
cos((569*pi)/50000)/2, cos((57*pi)/5000)/2, cos((571*pi)/50000)/2, cos((143*pi)/12500)/2,
cos((573*pi)/50000)/2, cos((287*pi)/25000)/2, cos((23*pi)/2000)/2, cos((36*pi)/3125)/2,
cos((577*pi)/50000)/2, cos((289*pi)/25000)/2, cos((579*pi)/50000)/2, cos((29*pi)/2500)/2,
cos((581*pi)/50000)/2, cos((291*pi)/25000)/2, cos((583*pi)/50000)/2, cos((73*pi)/6250)/2,
cos((117*pi)/10000)/2, cos((293*pi)/25000)/2, cos((587*pi)/50000)/2, cos((147*pi)/12500)/2,
cos((589*pi)/50000)/2, cos((59*pi)/5000)/2, cos((591*pi)/50000)/2, cos((37*pi)/3125)/2,
cos((593*pi)/50000)/2, cos((297*pi)/25000)/2, cos((119*pi)/10000)/2, cos((149*pi)/12500)/2,
cos((597*pi)/50000)/2, cos((299*pi)/25000)/2, cos((599*pi)/50000)/2, cos((3*pi)/250)/2,
cos((601*pi)/50000)/2, cos((301*pi)/25000)/2, cos((603*pi)/50000)/2, cos((151*pi)/12500)/2,
cos((121*pi)/10000)/2, cos((303*pi)/25000)/2, cos((607*pi)/50000)/2, cos((38*pi)/3125)/2,
cos((609*pi)/50000)/2, cos((61*pi)/5000)/2, cos((611*pi)/50000)/2, cos((153*pi)/12500)/2,
cos((613*pi)/50000)/2, cos((307*pi)/25000)/2, cos((123*pi)/10000)/2, cos((77*pi)/6250)/2,
cos((617*pi)/50000)/2, cos((309*pi)/25000)/2, cos((619*pi)/50000)/2, cos((31*pi)/2500)/2,
cos((621*pi)/50000)/2, cos((311*pi)/25000)/2, cos((623*pi)/50000)/2, cos((39*pi)/3125)/2,
cos(pi/80)/2, cos((313*pi)/25000)/2, cos((627*pi)/50000)/2, cos((157*pi)/12500)/2,
cos((629*pi)/50000)/2, cos((63*pi)/5000)/2, cos((631*pi)/50000)/2, cos((79*pi)/6250)/2,
cos((633*pi)/50000)/2, cos((317*pi)/25000)/2, cos((127*pi)/10000)/2, cos((159*pi)/12500)/2,
cos((637*pi)/50000)/2, cos((319*pi)/25000)/2, cos((639*pi)/50000)/2, cos((8*pi)/625)/2,
cos((641*pi)/50000)/2, cos((321*pi)/25000)/2, cos((643*pi)/50000)/2, cos((161*pi)/12500)/2,

cos((129*pi)/10000)/2, cos((323*pi)/25000)/2, cos((647*pi)/50000)/2, cos((81*pi)/6250)/2,
cos((649*pi)/50000)/2, cos((13*pi)/1000)/2, cos((651*pi)/50000)/2, cos((163*pi)/12500)/2,
cos((653*pi)/50000)/2, cos((327*pi)/25000)/2, cos((131*pi)/10000)/2, cos((41*pi)/3125)/2,
cos((657*pi)/50000)/2, cos((329*pi)/25000)/2, cos((659*pi)/50000)/2, cos((33*pi)/2500)/2,
cos((661*pi)/50000)/2, cos((331*pi)/25000)/2, cos((663*pi)/50000)/2, cos((83*pi)/6250)/2,
cos((133*pi)/10000)/2, cos((333*pi)/25000)/2, cos((667*pi)/50000)/2, cos((167*pi)/12500)/2,
cos((669*pi)/50000)/2, cos((67*pi)/5000)/2, cos((671*pi)/50000)/2, cos((42*pi)/3125)/2,
cos((673*pi)/50000)/2, cos((337*pi)/25000)/2, cos((27*pi)/2000)/2, cos((169*pi)/12500)/2,
cos((677*pi)/50000)/2, cos((339*pi)/25000)/2, cos((679*pi)/50000)/2, cos((17*pi)/1250)/2,
cos((681*pi)/50000)/2, cos((341*pi)/25000)/2, cos((683*pi)/50000)/2, cos((171*pi)/12500)/2,
cos((137*pi)/10000)/2, cos((343*pi)/25000)/2, cos((687*pi)/50000)/2, cos((43*pi)/3125)/2,
cos((689*pi)/50000)/2, cos((69*pi)/5000)/2, cos((691*pi)/50000)/2, cos((173*pi)/12500)/2,
cos((693*pi)/50000)/2, cos((347*pi)/25000)/2, cos((139*pi)/10000)/2, cos((87*pi)/6250)/2,
cos((697*pi)/50000)/2, cos((349*pi)/25000)/2, cos((699*pi)/50000)/2, cos((7*pi)/500)/2,
cos((701*pi)/50000)/2, cos((351*pi)/25000)/2, cos((703*pi)/50000)/2, cos((44*pi)/3125)/2,
cos((141*pi)/10000)/2, cos((353*pi)/25000)/2, cos((707*pi)/50000)/2, cos((177*pi)/12500)/2,
cos((709*pi)/50000)/2, cos((71*pi)/5000)/2, cos((711*pi)/50000)/2, cos((89*pi)/6250)/2,
cos((713*pi)/50000)/2, cos((357*pi)/25000)/2, cos((143*pi)/10000)/2, cos((179*pi)/12500)/2,
cos((717*pi)/50000)/2, cos((359*pi)/25000)/2, cos((719*pi)/50000)/2, cos((9*pi)/625)/2,
cos((721*pi)/50000)/2, cos((361*pi)/25000)/2, cos((723*pi)/50000)/2, cos((181*pi)/12500)/2,
cos((29*pi)/2000)/2, cos((363*pi)/25000)/2, cos((727*pi)/50000)/2, cos((91*pi)/6250)/2,
cos((729*pi)/50000)/2, cos((73*pi)/5000)/2, cos((731*pi)/50000)/2, cos((183*pi)/12500)/2,
cos((733*pi)/50000)/2, cos((367*pi)/25000)/2, cos((147*pi)/10000)/2, cos((46*pi)/3125)/2,
cos((737*pi)/50000)/2, cos((369*pi)/25000)/2, cos((739*pi)/50000)/2, cos((37*pi)/2500)/2,
cos((741*pi)/50000)/2, cos((371*pi)/25000)/2, cos((743*pi)/50000)/2, cos((93*pi)/6250)/2,
cos((149*pi)/10000)/2, cos((373*pi)/25000)/2, cos((747*pi)/50000)/2, cos((187*pi)/12500)/2,
cos((749*pi)/50000)/2, cos((3*pi)/200)/2, cos((751*pi)/50000)/2, cos((47*pi)/3125)/2,
cos((753*pi)/50000)/2, cos((377*pi)/25000)/2, cos((151*pi)/10000)/2, cos((189*pi)/12500)/2,
cos((757*pi)/50000)/2, cos((379*pi)/25000)/2, cos((759*pi)/50000)/2, cos((19*pi)/1250)/2,
cos((761*pi)/50000)/2, cos((381*pi)/25000)/2, cos((763*pi)/50000)/2, cos((191*pi)/12500)/2,
cos((153*pi)/10000)/2, cos((383*pi)/25000)/2, cos((767*pi)/50000)/2, cos((48*pi)/3125)/2,
cos((769*pi)/50000)/2, cos((77*pi)/5000)/2, cos((771*pi)/50000)/2, cos((193*pi)/12500)/2,
cos((773*pi)/50000)/2, cos((387*pi)/25000)/2, cos((31*pi)/2000)/2, cos((97*pi)/6250)/2,
cos((777*pi)/50000)/2, cos((389*pi)/25000)/2, cos((779*pi)/50000)/2, cos((39*pi)/2500)/2,
cos((781*pi)/50000)/2, cos((391*pi)/25000)/2, cos((783*pi)/50000)/2, cos((49*pi)/3125)/2,
cos((157*pi)/10000)/2, cos((393*pi)/25000)/2, cos((787*pi)/50000)/2, cos((197*pi)/12500)/2,
cos((789*pi)/50000)/2, cos((79*pi)/5000)/2, cos((791*pi)/50000)/2, cos((99*pi)/6250)/2,
cos((793*pi)/50000)/2, cos((397*pi)/25000)/2, cos((159*pi)/10000)/2, cos((199*pi)/12500)/2,
cos((797*pi)/50000)/2, cos((399*pi)/25000)/2, cos((799*pi)/50000)/2, cos((2*pi)/125)/2,
cos((801*pi)/50000)/2, cos((401*pi)/25000)/2, cos((803*pi)/50000)/2, cos((201*pi)/12500)/2,
cos((161*pi)/10000)/2, cos((403*pi)/25000)/2, cos((807*pi)/50000)/2, cos((101*pi)/6250)/2,
cos((809*pi)/50000)/2, cos((81*pi)/5000)/2, cos((811*pi)/50000)/2, cos((203*pi)/12500)/2,
cos((813*pi)/50000)/2, cos((407*pi)/25000)/2, cos((163*pi)/10000)/2, cos((51*pi)/3125)/2,
cos((817*pi)/50000)/2, cos((409*pi)/25000)/2, cos((819*pi)/50000)/2, cos((41*pi)/2500)/2,

cos((821*pi)/50000)/2, cos((411*pi)/25000)/2, cos((823*pi)/50000)/2, cos((103*pi)/6250)/2,
cos((33*pi)/2000)/2, cos((413*pi)/25000)/2, cos((827*pi)/50000)/2, cos((207*pi)/12500)/2,
cos((829*pi)/50000)/2, cos((83*pi)/5000)/2, cos((831*pi)/50000)/2, cos((52*pi)/3125)/2,
cos((833*pi)/50000)/2, cos((417*pi)/25000)/2, cos((167*pi)/10000)/2, cos((209*pi)/12500)/2,
cos((837*pi)/50000)/2, cos((419*pi)/25000)/2, cos((839*pi)/50000)/2, cos((21*pi)/1250)/2,
cos((841*pi)/50000)/2, cos((421*pi)/25000)/2, cos((843*pi)/50000)/2, cos((211*pi)/12500)/2,
cos((169*pi)/10000)/2, cos((423*pi)/25000)/2, cos((847*pi)/50000)/2, cos((53*pi)/3125)/2,
cos((849*pi)/50000)/2, cos((17*pi)/1000)/2, cos((851*pi)/50000)/2, cos((213*pi)/12500)/2,
cos((853*pi)/50000)/2, cos((427*pi)/25000)/2, cos((171*pi)/10000)/2, cos((107*pi)/6250)/2,
cos((857*pi)/50000)/2, cos((429*pi)/25000)/2, cos((859*pi)/50000)/2, cos((43*pi)/2500)/2,
cos((861*pi)/50000)/2, cos((431*pi)/25000)/2, cos((863*pi)/50000)/2, cos((54*pi)/3125)/2,
cos((173*pi)/10000)/2, cos((433*pi)/25000)/2, cos((867*pi)/50000)/2, cos((217*pi)/12500)/2,
cos((869*pi)/50000)/2, cos((87*pi)/5000)/2, cos((871*pi)/50000)/2, cos((109*pi)/6250)/2,
cos((873*pi)/50000)/2, cos((437*pi)/25000)/2, cos((7*pi)/400)/2, cos((219*pi)/12500)/2,
cos((877*pi)/50000)/2, cos((439*pi)/25000)/2, cos((879*pi)/50000)/2, cos((11*pi)/625)/2,
cos((881*pi)/50000)/2, cos((441*pi)/25000)/2, cos((883*pi)/50000)/2, cos((221*pi)/12500)/2,
cos((177*pi)/10000)/2, cos((443*pi)/25000)/2, cos((887*pi)/50000)/2, cos((111*pi)/6250)/2,
cos((889*pi)/50000)/2, cos((89*pi)/5000)/2, cos((891*pi)/50000)/2, cos((223*pi)/12500)/2,
cos((893*pi)/50000)/2, cos((447*pi)/25000)/2, cos((179*pi)/10000)/2, cos((56*pi)/3125)/2,
cos((897*pi)/50000)/2, cos((449*pi)/25000)/2, cos((899*pi)/50000)/2, cos((9*pi)/500)/2,
cos((901*pi)/50000)/2, cos((451*pi)/25000)/2, cos((903*pi)/50000)/2, cos((113*pi)/6250)/2,
cos((181*pi)/10000)/2, cos((453*pi)/25000)/2, cos((907*pi)/50000)/2, cos((227*pi)/12500)/2,
cos((909*pi)/50000)/2, cos((91*pi)/5000)/2, cos((911*pi)/50000)/2, cos((57*pi)/3125)/2,
cos((913*pi)/50000)/2, cos((457*pi)/25000)/2, cos((183*pi)/10000)/2, cos((229*pi)/12500)/2,
cos((917*pi)/50000)/2, cos((459*pi)/25000)/2, cos((919*pi)/50000)/2, cos((23*pi)/1250)/2,
cos((921*pi)/50000)/2, cos((461*pi)/25000)/2, cos((923*pi)/50000)/2, cos((231*pi)/12500)/2,
cos((37*pi)/2000)/2, cos((463*pi)/25000)/2, cos((927*pi)/50000)/2, cos((58*pi)/3125)/2,
cos((929*pi)/50000)/2, cos((93*pi)/5000)/2, cos((931*pi)/50000)/2, cos((233*pi)/12500)/2,
cos((933*pi)/50000)/2, cos((467*pi)/25000)/2, cos((187*pi)/10000)/2, cos((117*pi)/6250)/2,
cos((937*pi)/50000)/2, cos((469*pi)/25000)/2, cos((939*pi)/50000)/2, cos((47*pi)/2500)/2,
cos((941*pi)/50000)/2, cos((471*pi)/25000)/2, cos((943*pi)/50000)/2, cos((59*pi)/3125)/2,
cos((189*pi)/10000)/2, cos((473*pi)/25000)/2, cos((947*pi)/50000)/2, cos((237*pi)/12500)/2,
cos((949*pi)/50000)/2, cos((19*pi)/1000)/2, cos((951*pi)/50000)/2, cos((119*pi)/6250)/2,
cos((953*pi)/50000)/2, cos((477*pi)/25000)/2, cos((191*pi)/10000)/2, cos((239*pi)/12500)/2,
cos((957*pi)/50000)/2, cos((479*pi)/25000)/2, cos((959*pi)/50000)/2, cos((12*pi)/625)/2,
cos((961*pi)/50000)/2, cos((481*pi)/25000)/2, cos((963*pi)/50000)/2, cos((241*pi)/12500)/2,
cos((193*pi)/10000)/2, cos((483*pi)/25000)/2, cos((967*pi)/50000)/2, cos((121*pi)/6250)/2,
cos((969*pi)/50000)/2, cos((97*pi)/5000)/2, cos((971*pi)/50000)/2, cos((243*pi)/12500)/2,
cos((973*pi)/50000)/2, cos((487*pi)/25000)/2, cos((39*pi)/2000)/2, cos((61*pi)/3125)/2,
cos((977*pi)/50000)/2, cos((489*pi)/25000)/2, cos((979*pi)/50000)/2, cos((49*pi)/2500)/2,
cos((981*pi)/50000)/2, cos((491*pi)/25000)/2, cos((983*pi)/50000)/2, cos((123*pi)/6250)/2,
cos((197*pi)/10000)/2, cos((493*pi)/25000)/2, cos((987*pi)/50000)/2, cos((247*pi)/12500)/2,
cos((989*pi)/50000)/2, cos((99*pi)/5000)/2, cos((991*pi)/50000)/2, cos((62*pi)/3125)/2,
cos((993*pi)/50000)/2, cos((497*pi)/25000)/2, cos((199*pi)/10000)/2, cos((249*pi)/12500)/2,

cos((997*pi)/50000)/2, cos((499*pi)/25000)/2, cos((999*pi)/50000)/2, cos(pi/50)/2,
cos((1001*pi)/50000)/2, cos((501*pi)/25000)/2, cos((1003*pi)/50000)/2, cos((251*pi)/12500)/2,
cos((201*pi)/10000)/2, cos((503*pi)/25000)/2, cos((1007*pi)/50000)/2, cos((63*pi)/3125)/2,
cos((1009*pi)/50000)/2, cos((101*pi)/5000)/2, cos((1011*pi)/50000)/2, cos((253*pi)/12500)/2,
cos((1013*pi)/50000)/2, cos((507*pi)/25000)/2, cos((203*pi)/10000)/2, cos((127*pi)/6250)/2,
cos((1017*pi)/50000)/2, cos((509*pi)/25000)/2, cos((1019*pi)/50000)/2, cos((51*pi)/2500)/2,
cos((1021*pi)/50000)/2, cos((511*pi)/25000)/2, cos((1023*pi)/50000)/2, cos((64*pi)/3125)/2,
cos((41*pi)/2000)/2, cos((513*pi)/25000)/2, cos((1027*pi)/50000)/2, cos((257*pi)/12500)/2,
cos((1029*pi)/50000)/2, cos((103*pi)/5000)/2, cos((1031*pi)/50000)/2, cos((129*pi)/6250)/2,
cos((1033*pi)/50000)/2, cos((517*pi)/25000)/2, cos((207*pi)/10000)/2, cos((259*pi)/12500)/2,
cos((1037*pi)/50000)/2, cos((519*pi)/25000)/2, cos((1039*pi)/50000)/2, cos((13*pi)/625)/2,
cos((1041*pi)/50000)/2, cos((521*pi)/25000)/2, cos((1043*pi)/50000)/2, cos((261*pi)/12500)/2,
cos((209*pi)/10000)/2, cos((523*pi)/25000)/2, cos((1047*pi)/50000)/2, cos((131*pi)/6250)/2,
cos((1049*pi)/50000)/2, cos((21*pi)/1000)/2, cos((1051*pi)/50000)/2, cos((263*pi)/12500)/2,
cos((1053*pi)/50000)/2, cos((527*pi)/25000)/2, cos((211*pi)/10000)/2, cos((66*pi)/3125)/2,
cos((1057*pi)/50000)/2, cos((529*pi)/25000)/2, cos((1059*pi)/50000)/2, cos((53*pi)/2500)/2,
cos((1061*pi)/50000)/2, cos((531*pi)/25000)/2, cos((1063*pi)/50000)/2, cos((133*pi)/6250)/2,
cos((213*pi)/10000)/2, cos((533*pi)/25000)/2, cos((1067*pi)/50000)/2, cos((267*pi)/12500)/2,
cos((1069*pi)/50000)/2, cos((107*pi)/5000)/2, cos((1071*pi)/50000)/2, cos((67*pi)/3125)/2,
cos((1073*pi)/50000)/2, cos((537*pi)/25000)/2, cos((43*pi)/2000)/2, cos((269*pi)/12500)/2,
cos((1077*pi)/50000)/2, cos((539*pi)/25000)/2, cos((1079*pi)/50000)/2, cos((27*pi)/1250)/2,
cos((1081*pi)/50000)/2, cos((541*pi)/25000)/2, cos((1083*pi)/50000)/2, cos((271*pi)/12500)/2,
cos((217*pi)/10000)/2, cos((543*pi)/25000)/2, cos((1087*pi)/50000)/2, cos((68*pi)/3125)/2,
cos((1089*pi)/50000)/2, cos((109*pi)/5000)/2, cos((1091*pi)/50000)/2, cos((273*pi)/12500)/2,
cos((1093*pi)/50000)/2, cos((547*pi)/25000)/2, cos((219*pi)/10000)/2, cos((137*pi)/6250)/2,
cos((1097*pi)/50000)/2, cos((549*pi)/25000)/2, cos((1099*pi)/50000)/2, cos((11*pi)/500)/2,
cos((1101*pi)/50000)/2, cos((551*pi)/25000)/2, cos((1103*pi)/50000)/2, cos((69*pi)/3125)/2,
cos((221*pi)/10000)/2, cos((553*pi)/25000)/2, cos((1107*pi)/50000)/2, cos((277*pi)/12500)/2,
cos((1109*pi)/50000)/2, cos((111*pi)/5000)/2, cos((1111*pi)/50000)/2, cos((139*pi)/6250)/2,
cos((1113*pi)/50000)/2, cos((557*pi)/25000)/2, cos((223*pi)/10000)/2, cos((279*pi)/12500)/2,
cos((1117*pi)/50000)/2, cos((559*pi)/25000)/2, cos((1119*pi)/50000)/2, cos((14*pi)/625)/2,
cos((1121*pi)/50000)/2, cos((561*pi)/25000)/2, cos((1123*pi)/50000)/2, cos((281*pi)/12500)/2,
cos((9*pi)/400)/2, cos((563*pi)/25000)/2, cos((1127*pi)/50000)/2, cos((141*pi)/6250)/2,
cos((1129*pi)/50000)/2, cos((113*pi)/5000)/2, cos((1131*pi)/50000)/2, cos((283*pi)/12500)/2,
cos((1133*pi)/50000)/2, cos((567*pi)/25000)/2, cos((227*pi)/10000)/2, cos((71*pi)/3125)/2,
cos((1137*pi)/50000)/2, cos((569*pi)/25000)/2, cos((1139*pi)/50000)/2, cos((57*pi)/2500)/2,
cos((1141*pi)/50000)/2, cos((571*pi)/25000)/2, cos((1143*pi)/50000)/2, cos((143*pi)/6250)/2,
cos((229*pi)/10000)/2, cos((573*pi)/25000)/2, cos((1147*pi)/50000)/2, cos((287*pi)/12500)/2,
cos((1149*pi)/50000)/2, cos((23*pi)/1000)/2, cos((1151*pi)/50000)/2, cos((72*pi)/3125)/2,
cos((1153*pi)/50000)/2, cos((577*pi)/25000)/2, cos((231*pi)/10000)/2, cos((289*pi)/12500)/2,
cos((1157*pi)/50000)/2, cos((579*pi)/25000)/2, cos((1159*pi)/50000)/2, cos((29*pi)/1250)/2,
cos((1161*pi)/50000)/2, cos((581*pi)/25000)/2, cos((1163*pi)/50000)/2, cos((291*pi)/12500)/2,
cos((233*pi)/10000)/2, cos((583*pi)/25000)/2, cos((1167*pi)/50000)/2, cos((73*pi)/3125)/2,
cos((1169*pi)/50000)/2, cos((117*pi)/5000)/2, cos((1171*pi)/50000)/2, cos((293*pi)/12500)/2,

cos((1173*pi)/50000)/2, cos((587*pi)/25000)/2, cos((47*pi)/2000)/2, cos((147*pi)/6250)/2,
cos((1177*pi)/50000)/2, cos((589*pi)/25000)/2, cos((1179*pi)/50000)/2, cos((59*pi)/2500)/2,
cos((1181*pi)/50000)/2, cos((591*pi)/25000)/2, cos((1183*pi)/50000)/2, cos((74*pi)/3125)/2,
cos((237*pi)/10000)/2, cos((593*pi)/25000)/2, cos((1187*pi)/50000)/2, cos((297*pi)/12500)/2,
cos((1189*pi)/50000)/2, cos((119*pi)/5000)/2, cos((1191*pi)/50000)/2, cos((149*pi)/6250)/2,
cos((1193*pi)/50000)/2, cos((597*pi)/25000)/2, cos((239*pi)/10000)/2, cos((299*pi)/12500)/2,
cos((1197*pi)/50000)/2, cos((599*pi)/25000)/2, cos((1199*pi)/50000)/2, cos((3*pi)/125)/2,
cos((1201*pi)/50000)/2, cos((601*pi)/25000)/2, cos((1203*pi)/50000)/2, cos((301*pi)/12500)/2,
cos((241*pi)/10000)/2, cos((603*pi)/25000)/2, cos((1207*pi)/50000)/2, cos((151*pi)/6250)/2,
cos((1209*pi)/50000)/2, cos((121*pi)/5000)/2, cos((1211*pi)/50000)/2, cos((303*pi)/12500)/2,
cos((1213*pi)/50000)/2, cos((607*pi)/25000)/2, cos((243*pi)/10000)/2, cos((76*pi)/3125)/2,
cos((1217*pi)/50000)/2, cos((609*pi)/25000)/2, cos((1219*pi)/50000)/2, cos((61*pi)/2500)/2,
cos((1221*pi)/50000)/2, cos((611*pi)/25000)/2, cos((1223*pi)/50000)/2, cos((153*pi)/6250)/2,
cos((49*pi)/2000)/2, cos((613*pi)/25000)/2, cos((1227*pi)/50000)/2, cos((307*pi)/12500)/2,
cos((1229*pi)/50000)/2, cos((123*pi)/5000)/2, cos((1231*pi)/50000)/2, cos((77*pi)/3125)/2,
cos((1233*pi)/50000)/2, cos((617*pi)/25000)/2, cos((247*pi)/10000)/2, cos((309*pi)/12500)/2,
cos((1237*pi)/50000)/2, cos((619*pi)/25000)/2, cos((1239*pi)/50000)/2, cos((31*pi)/1250)/2,
cos((1241*pi)/50000)/2, cos((621*pi)/25000)/2, cos((1243*pi)/50000)/2, cos((311*pi)/12500)/2,
cos((249*pi)/10000)/2, cos((623*pi)/25000)/2, cos((1247*pi)/50000)/2, cos((78*pi)/3125)/2,
cos((1249*pi)/50000)/2, cos(pi/40)/2, cos((1251*pi)/50000)/2, cos((313*pi)/12500)/2,
cos((1253*pi)/50000)/2, cos((627*pi)/25000)/2, cos((251*pi)/10000)/2, cos((157*pi)/6250)/2,
cos((1257*pi)/50000)/2, cos((629*pi)/25000)/2, cos((1259*pi)/50000)/2, cos((63*pi)/2500)/2,
cos((1261*pi)/50000)/2, cos((631*pi)/25000)/2, cos((1263*pi)/50000)/2, cos((79*pi)/3125)/2,
cos((253*pi)/10000)/2, cos((633*pi)/25000)/2, cos((1267*pi)/50000)/2, cos((317*pi)/12500)/2,
cos((1269*pi)/50000)/2, cos((127*pi)/5000)/2, cos((1271*pi)/50000)/2, cos((159*pi)/6250)/2,
cos((1273*pi)/50000)/2, cos((637*pi)/25000)/2, cos((51*pi)/2000)/2, cos((319*pi)/12500)/2,
cos((1277*pi)/50000)/2, cos((639*pi)/25000)/2, cos((1279*pi)/50000)/2, cos((16*pi)/625)/2,
cos((1281*pi)/50000)/2, cos((641*pi)/25000)/2, cos((1283*pi)/50000)/2, cos((321*pi)/12500)/2,
cos((257*pi)/10000)/2, cos((643*pi)/25000)/2, cos((1287*pi)/50000)/2, cos((161*pi)/6250)/2,
cos((1289*pi)/50000)/2, cos((129*pi)/5000)/2, cos((1291*pi)/50000)/2, cos((323*pi)/12500)/2,
cos((1293*pi)/50000)/2, cos((647*pi)/25000)/2, cos((259*pi)/10000)/2, cos((81*pi)/3125)/2,
cos((1297*pi)/50000)/2, cos((649*pi)/25000)/2, cos((1299*pi)/50000)/2, cos((13*pi)/500)/2,
cos((1301*pi)/50000)/2, cos((651*pi)/25000)/2, cos((1303*pi)/50000)/2, cos((163*pi)/6250)/2,
cos((261*pi)/10000)/2, cos((653*pi)/25000)/2, cos((1307*pi)/50000)/2, cos((327*pi)/12500)/2,
cos((1309*pi)/50000)/2, cos((131*pi)/5000)/2, cos((1311*pi)/50000)/2, cos((82*pi)/3125)/2,
cos((1313*pi)/50000)/2, cos((657*pi)/25000)/2, cos((263*pi)/10000)/2, cos((329*pi)/12500)/2,
cos((1317*pi)/50000)/2, cos((659*pi)/25000)/2, cos((1319*pi)/50000)/2, cos((33*pi)/1250)/2,
cos((1321*pi)/50000)/2, cos((661*pi)/25000)/2, cos((1323*pi)/50000)/2, cos((331*pi)/12500)/2,
cos((53*pi)/2000)/2, cos((663*pi)/25000)/2, cos((1327*pi)/50000)/2, cos((83*pi)/3125)/2,
cos((1329*pi)/50000)/2, cos((133*pi)/5000)/2, cos((1331*pi)/50000)/2, cos((333*pi)/12500)/2,
cos((1333*pi)/50000)/2, cos((667*pi)/25000)/2, cos((267*pi)/10000)/2, cos((167*pi)/6250)/2,
cos((1337*pi)/50000)/2, cos((669*pi)/25000)/2, cos((1339*pi)/50000)/2, cos((67*pi)/2500)/2,
cos((1341*pi)/50000)/2, cos((671*pi)/25000)/2, cos((1343*pi)/50000)/2, cos((84*pi)/3125)/2,
cos((269*pi)/10000)/2, cos((673*pi)/25000)/2, cos((1347*pi)/50000)/2, cos((337*pi)/12500)/2,

$\cos((1349 \cdot \pi)/50000)/2, \cos((27 \cdot \pi)/1000)/2, \cos((1351 \cdot \pi)/50000)/2, \cos((169 \cdot \pi)/6250)/2,$
 $\cos((1353 \cdot \pi)/50000)/2, \cos((677 \cdot \pi)/25000)/2, \cos((271 \cdot \pi)/10000)/2, \cos((339 \cdot \pi)/12500)/2,$
 $\cos((1357 \cdot \pi)/50000)/2, \cos((679 \cdot \pi)/25000)/2, \cos((1359 \cdot \pi)/50000)/2, \cos((17 \cdot \pi)/625)/2,$
 $\cos((1361 \cdot \pi)/50000)/2, \cos((681 \cdot \pi)/25000)/2, \cos((1363 \cdot \pi)/50000)/2, \cos((341 \cdot \pi)/12500)/2,$
 $\cos((273 \cdot \pi)/10000)/2, \cos((683 \cdot \pi)/25000)/2, \cos((1367 \cdot \pi)/50000)/2, \cos((171 \cdot \pi)/6250)/2,$
 $\cos((1369 \cdot \pi)/50000)/2, \cos((137 \cdot \pi)/5000)/2, \cos((1371 \cdot \pi)/50000)/2, \cos((343 \cdot \pi)/12500)/2,$
 $\cos((1373 \cdot \pi)/50000)/2, \cos((687 \cdot \pi)/25000)/2, \cos((11 \cdot \pi)/400)/2, \cos((86 \cdot \pi)/3125)/2,$
 $\cos((1377 \cdot \pi)/50000)/2, \cos((689 \cdot \pi)/25000)/2, \cos((1379 \cdot \pi)/50000)/2, \cos((69 \cdot \pi)/2500)/2,$
 $\cos((1381 \cdot \pi)/50000)/2, \cos((691 \cdot \pi)/25000)/2, \cos((1383 \cdot \pi)/50000)/2, \cos((173 \cdot \pi)/6250)/2,$
 $\cos((277 \cdot \pi)/10000)/2, \cos((693 \cdot \pi)/25000)/2, \cos((1387 \cdot \pi)/50000)/2, \cos((347 \cdot \pi)/12500)/2,$
 $\cos((1389 \cdot \pi)/50000)/2, \cos((139 \cdot \pi)/5000)/2, \cos((1391 \cdot \pi)/50000)/2, \cos((87 \cdot \pi)/3125)/2,$
 $\cos((1393 \cdot \pi)/50000)/2, \cos((697 \cdot \pi)/25000)/2, \cos((279 \cdot \pi)/10000)/2, \cos((349 \cdot \pi)/12500)/2,$
 $\cos((1397 \cdot \pi)/50000)/2, \cos((699 \cdot \pi)/25000)/2, \cos((1399 \cdot \pi)/50000)/2, \cos((7 \cdot \pi)/250)/2,$
 $\cos((1401 \cdot \pi)/50000)/2, \cos((701 \cdot \pi)/25000)/2, \cos((1403 \cdot \pi)/50000)/2, \cos((351 \cdot \pi)/12500)/2,$
 $\cos((281 \cdot \pi)/10000)/2, \cos((703 \cdot \pi)/25000)/2, \cos((1407 \cdot \pi)/50000)/2, \cos((88 \cdot \pi)/3125)/2,$
 $\cos((1409 \cdot \pi)/50000)/2, \cos((141 \cdot \pi)/5000)/2, \cos((1411 \cdot \pi)/50000)/2, \cos((353 \cdot \pi)/12500)/2,$
 $\cos((1413 \cdot \pi)/50000)/2, \cos((707 \cdot \pi)/25000)/2, \cos((283 \cdot \pi)/10000)/2, \cos((177 \cdot \pi)/6250)/2,$
 $\cos((1417 \cdot \pi)/50000)/2, \cos((709 \cdot \pi)/25000)/2, \cos((1419 \cdot \pi)/50000)/2, \cos((71 \cdot \pi)/2500)/2,$
 $\cos((1421 \cdot \pi)/50000)/2, \cos((711 \cdot \pi)/25000)/2, \cos((1423 \cdot \pi)/50000)/2, \cos((89 \cdot \pi)/3125)/2,$
 $\cos((57 \cdot \pi)/2000)/2, \cos((713 \cdot \pi)/25000)/2, \cos((1427 \cdot \pi)/50000)/2, \cos((357 \cdot \pi)/12500)/2,$
 $\cos((1429 \cdot \pi)/50000)/2, \cos((143 \cdot \pi)/5000)/2, \cos((1431 \cdot \pi)/50000)/2, \cos((179 \cdot \pi)/6250)/2,$
 $\cos((1433 \cdot \pi)/50000)/2, \cos((717 \cdot \pi)/25000)/2, \cos((287 \cdot \pi)/10000)/2, \cos((359 \cdot \pi)/12500)/2,$
 $\cos((1437 \cdot \pi)/50000)/2, \cos((719 \cdot \pi)/25000)/2, \cos((1439 \cdot \pi)/50000)/2, \cos((18 \cdot \pi)/625)/2,$
 $\cos((1441 \cdot \pi)/50000)/2, \cos((721 \cdot \pi)/25000)/2, \cos((1443 \cdot \pi)/50000)/2, \cos((361 \cdot \pi)/12500)/2,$
 $\cos((289 \cdot \pi)/10000)/2, \cos((723 \cdot \pi)/25000)/2, \cos((1447 \cdot \pi)/50000)/2, \cos((181 \cdot \pi)/6250)/2,$
 $\cos((1449 \cdot \pi)/50000)/2, \cos((29 \cdot \pi)/1000)/2, \cos((1451 \cdot \pi)/50000)/2, \cos((363 \cdot \pi)/12500)/2,$
 $\cos((1453 \cdot \pi)/50000)/2, \cos((727 \cdot \pi)/25000)/2, \cos((291 \cdot \pi)/10000)/2, \cos((91 \cdot \pi)/3125)/2,$
 $\cos((1457 \cdot \pi)/50000)/2, \cos((729 \cdot \pi)/2500)...$ Output truncated. Text exceeds maximum line length for Command Window display.

I =

$$\sin(25 \cdot \pi \cdot t) / (4 \cdot t)$$

I =

$$(25 \cdot \pi \cdot \cos(25 \cdot \pi \cdot t)) / 4$$

ln =

[(25*pi)/4, (25*pi*cos(pi/400))/4, (25*pi*cos(pi/200))/4, (25*pi*cos((3*pi)/400))/4,
(25*pi*cos(pi/100))/4, (25*pi*cos(pi/80))/4, (25*pi*cos((3*pi)/200))/4, (25*pi*cos((7*pi)/400))/4,
(25*pi*cos(pi/50))/4, (25*pi*cos((9*pi)/400))/4, (25*pi*cos(pi/40))/4, (25*pi*cos((11*pi)/400))/4,
(25*pi*cos((3*pi)/100))/4, (25*pi*cos((13*pi)/400))/4, (25*pi*cos((7*pi)/200))/4,
(25*pi*cos((3*pi)/80))/4, (25*pi*cos(pi/25))/4, (25*pi*cos((17*pi)/400))/4, (25*pi*cos((9*pi)/200))/4,
(25*pi*cos((19*pi)/400))/4, (25*pi*cos(pi/20))/4, (25*pi*cos((21*pi)/400))/4,
(25*pi*cos((11*pi)/200))/4, (25*pi*cos((23*pi)/400))/4, (25*pi*cos((3*pi)/50))/4,
(25*pi*cos(pi/16))/4, (25*pi*cos((13*pi)/200))/4, (25*pi*cos((27*pi)/400))/4,
(25*pi*cos((7*pi)/100))/4, (25*pi*cos((29*pi)/400))/4, (25*pi*cos((3*pi)/40))/4,
(25*pi*cos((31*pi)/400))/4, (25*pi*cos((2*pi)/25))/4, (25*pi*cos((33*pi)/400))/4,
(25*pi*cos((17*pi)/200))/4, (25*pi*cos((7*pi)/80))/4, (25*pi*cos((9*pi)/100))/4,
(25*pi*cos((37*pi)/400))/4, (25*pi*cos((19*pi)/200))/4, (25*pi*cos((39*pi)/400))/4,
(25*pi*2^(1/2)*(5^(1/2) + 5)^(1/2))/16, (25*pi*cos((41*pi)/400))/4, (25*pi*cos((21*pi)/200))/4,
(25*pi*cos((43*pi)/400))/4, (25*pi*cos((11*pi)/100))/4, (25*pi*cos((9*pi)/80))/4,
(25*pi*cos((23*pi)/200))/4, (25*pi*cos((47*pi)/400))/4, (25*pi*cos((3*pi)/25))/4,
(25*pi*cos((49*pi)/400))/4, (25*pi*(2^(1/2) + 2)^(1/2))/8, (25*pi*cos((51*pi)/400))/4,
(25*pi*cos((13*pi)/100))/4, (25*pi*cos((53*pi)/400))/4, (25*pi*cos((27*pi)/200))/4,
(25*pi*cos((11*pi)/80))/4, (25*pi*cos((7*pi)/50))/4, (25*pi*cos((57*pi)/400))/4,
(25*pi*cos((29*pi)/200))/4, (25*pi*cos((59*pi)/400))/4, (25*pi*cos((3*pi)/20))/4,
(25*pi*cos((61*pi)/400))/4, (25*pi*cos((31*pi)/200))/4, (25*pi*cos((63*pi)/400))/4,
(25*pi*cos((4*pi)/25))/4, (25*pi*cos((13*pi)/80))/4, (25*pi*cos((33*pi)/200))/4,
(25*pi*cos((67*pi)/400))/4, (25*pi*cos((17*pi)/100))/4, (25*pi*cos((69*pi)/400))/4,
(25*pi*cos((7*pi)/40))/4, (25*pi*cos((71*pi)/400))/4, (25*pi*cos((9*pi)/50))/4,
(25*pi*cos((73*pi)/400))/4, (25*pi*cos((37*pi)/200))/4, (25*pi*cos((3*pi)/16))/4,
(25*pi*cos((19*pi)/100))/4, (25*pi*cos((77*pi)/400))/4, (25*pi*cos((39*pi)/200))/4,
(25*pi*cos((79*pi)/400))/4, (25*pi*(5^(1/2)/4 + 1/4))/4, (25*pi*cos((81*pi)/400))/4,
(25*pi*cos((41*pi)/200))/4, (25*pi*cos((83*pi)/400))/4, (25*pi*cos((21*pi)/100))/4,
(25*pi*cos((17*pi)/80))/4, (25*pi*cos((43*pi)/200))/4, (25*pi*cos((87*pi)/400))/4,
(25*pi*cos((11*pi)/50))/4, (25*pi*cos((89*pi)/400))/4, (25*pi*cos((9*pi)/40))/4,
(25*pi*cos((91*pi)/400))/4, (25*pi*cos((23*pi)/100))/4, (25*pi*cos((93*pi)/400))/4,
(25*pi*cos((47*pi)/200))/4, (25*pi*cos((19*pi)/80))/4, (25*pi*cos((6*pi)/25))/4,
(25*pi*cos((97*pi)/400))/4, (25*pi*cos((49*pi)/200))/4, (25*pi*cos((99*pi)/400))/4,
(25*pi*2^(1/2))/8, (25*pi*cos((101*pi)/400))/4, (25*pi*cos((51*pi)/200))/4,
(25*pi*cos((103*pi)/400))/4, (25*pi*cos((13*pi)/50))/4, (25*pi*cos((21*pi)/80))/4,
(25*pi*cos((53*pi)/200))/4, (25*pi*cos((107*pi)/400))/4, (25*pi*cos((27*pi)/100))/4,
(25*pi*cos((109*pi)/400))/4, (25*pi*cos((11*pi)/40))/4, (25*pi*cos((111*pi)/400))/4,
(25*pi*cos((7*pi)/25))/4, (25*pi*cos((113*pi)/400))/4, (25*pi*cos((57*pi)/200))/4,
(25*pi*cos((23*pi)/80))/4, (25*pi*cos((29*pi)/100))/4, (25*pi*cos((117*pi)/400))/4,
(25*pi*cos((59*pi)/200))/4, (25*pi*cos((119*pi)/400))/4, (25*2^(1/2)*pi*(5 - 5^(1/2))^(1/2))/16,
(25*pi*cos((121*pi)/400))/4, (25*pi*cos((61*pi)/200))/4, (25*pi*cos((123*pi)/400))/4,

$(25\pi \cos(\pi/40))/4, -(25\pi \cos(9\pi/400))/4, -(25\pi \cos(\pi/50))/4, -(25\pi \cos(7\pi/400))/4, -$
 $(25\pi \cos(3\pi/200))/4, -(25\pi \cos(\pi/80))/4, -(25\pi \cos(\pi/100))/4, -(25\pi \cos(3\pi/400))/4, -$
 $(25\pi \cos(\pi/200))/4, -(25\pi \cos(\pi/400))/4, -(25\pi)/4, -(25\pi \cos(\pi/400))/4, -$
 $(25\pi \cos(\pi/200))/4, -(25\pi \cos(3\pi/400))/4, -(25\pi \cos(\pi/100))/4, -(25\pi \cos(\pi/80))/4, -$
 $(25\pi \cos(3\pi/200))/4, -(25\pi \cos(7\pi/400))/4, -(25\pi \cos(\pi/50))/4, -$
 $(25\pi \cos(9\pi/400))/4, -(25\pi \cos(\pi/40))/4, -(25\pi \cos(11\pi/400))/4, -$
 $(25\pi \cos(3\pi/100))/4, -(25\pi \cos(13\pi/400))/4, -(25\pi \cos(7\pi/200))/4, -$
 $(25\pi \cos(3\pi/80))/4, -(25\pi \cos(\pi/25))/4, -(25\pi \cos(17\pi/400))/4, -$
 $(25\pi \cos(9\pi/200))/4, -(25\pi \cos(19\pi/400))/4, -(25\pi \cos(\pi/20))/4, -$
 $(25\pi \cos(21\pi/400))/4, -(25\pi \cos(11\pi/200))/4, -(25\pi \cos(23\pi/400))/4, -$
 $(25\pi \cos(3\pi/50))/4, -(25\pi \cos(\pi/16))/4, -(25\pi \cos(13\pi/200))/4, -$
 $(25\pi \cos(27\pi/400))/4, -(25\pi \cos(7\pi/100))/4, -(25\pi \cos(29\pi/400))/4, -$
 $(25\pi \cos(3\pi/40))/4, -(25\pi \cos(31\pi/400))/4, -(25\pi \cos(2\pi/25))/4, -$
 $(25\pi \cos(33\pi/400))/4, -(25\pi \cos(17\pi/200))/4, -(25\pi \cos(7\pi/80))/4, -$
 $(25\pi \cos(9\pi/100))/4, -(25\pi \cos(37\pi/400))/4, -(25\pi \cos(19\pi/200))/4, -$
 $(25\pi \cos(39\pi/400))/4, -(25\pi \cdot 2^{1/2} \cdot (5^{1/2} + 5)^{1/2})/16, -(25\pi \cos(41\pi/400))/4, -$
 $(25\pi \cos(21\pi/200))/4, -(25\pi \cos(43\pi/400))/4, -(25\pi \cos(11\pi/100))/4, -$
 $(25\pi \cos(9\pi/80))/4, -(25\pi \cos(23\pi/200))/4, -(25\pi \cos(47\pi/400))/4, -$
 $(25\pi \cos(3\pi/25))/4, -(25\pi \cos(49\pi/400))/4, -(25\pi \cdot (2^{1/2} + 2)^{1/2})/8, -$
 $(25\pi \cos(51\pi/400))/4, -(25\pi \cos(13\pi/100))/4, -(25\pi \cos(53\pi/400))/4, -$
 $(25\pi \cos(27\pi/200))/4, -(25\pi \cos(11\pi/80))/4, -(25\pi \cos(7\pi/50))/4, -$
 $(25\pi \cos(57\pi/400))/4, -(25\pi \cos(29\pi/200))/4, -(25\pi \cos(59\pi/400))/4, -$
 $(25\pi \cos(3\pi/20))/4, -(25\pi \cos(61\pi/400))/4, -(25\pi \cos(31\pi/200))/4, -$
 $(25\pi \cos(63\pi/400))/4, -(25\pi \cos(4\pi/25))/4, -(25\pi \cos(13\pi/80))/4, -$
 $(25\pi \cos(33\pi/200))/4, -(25\pi \cos(67\pi/400))/4, -(25\pi \cos(17\pi/100))/4, -$
 $(25\pi \cos(69\pi/400))/4, -(25\pi \cos(7\pi/40))/4, -(25\pi \cos(71\pi/400))/4, -$
 $(25\pi \cos(9\pi/50))/4, -(25\pi \cos(73\pi/400))/4, -(25\pi \cos(37\pi/200))/4, -$
 $(25\pi \cos(3\pi/16))/4, -(25\pi \cos(19\pi/100))/4, -(25\pi \cos(77\pi/400))/4, -$
 $(25\pi \cos(39\pi/200))/4, -(25\pi \cos(79\pi/400))/4, -(25\pi \cdot (5^{1/2}/4 + 1/4))/4, -$
 $(25\pi \cos(81\pi/400))/4, -(25\pi \cos(41\pi/200))/4, -(25\pi \cos(83\pi/400))/4, -$
 $(25\pi \cos(21\pi/100))/4, -(25\pi \cos(17\pi/80))/4, -(25\pi \cos(43\pi/200))/4, -$
 $(25\pi \cos(87\pi/400))/4, -(25\pi \cos(11\pi/50))/4, -(25\pi \cos(89\pi/400))/4, -$
 $(25\pi \cos(9\pi/40))/4, -(25\pi \cos(91\pi/400))/4, -(25\pi \cos(23\pi/100))/4, -$
 $(25\pi \cos(93\pi/400))/4, -(25\pi \cos(47\pi/200))/4, -(25\pi \cos(19\pi/80))/4, -$
 $(25\pi \cos(6\pi/25))/4, -(25\pi \cos(97\pi/400))/4, -(25\pi \cos(49\pi/200))/4, -$
 $(25\pi \cos(99\pi/400))/4, -(25\pi \cdot 2^{1/2})/8, -(25\pi \cos(101\pi/400))/4, -$
 $(25\pi \cos(51\pi/200))/4, -(25\pi \cos(103\pi/400))/4, -(25\pi \cos(13\pi/50))/4, -$
 $(25\pi \cos(21\pi/80))/4, -(25\pi \cos(53\pi/200))/4, -(25\pi \cos(107\pi/400))/4, -$
 $(25\pi \cos(27\pi/100))/4, -(25\pi \cos(109\pi/400))/4, -(25\pi \cos(11\pi/40))/4, -$
 $(25\pi \cos(111\pi/400))/4, -(25\pi \cos(7\pi/25))/4, -(25\pi \cos(113\pi/400))/4, -$
 $(25\pi \cos(57\pi/200))/4, -(25\pi \cos(23\pi/80))/4, -(25\pi \cos(29\pi/100))/4, -$
 $(25\pi \cos(117\pi/400))/4, -(25\pi \cos(59\pi/200))/4, -(25\pi \cos(119\pi/400))/4, -$
 $(25 \cdot 2^{1/2} \cdot \pi \cdot (5 - 5^{1/2})^{1/2})/16, -(25\pi \cos(121\pi/400))/4, -(25\pi \cos(61\pi/200))/4, -$
 $(25\pi \cos(123\pi/400))/4, -(25\pi \cos(31\pi/100))/4, -(25\pi \cos(5\pi/16))/4, -$

$(25\pi \cos((63\pi)/200))/4, -(25\pi \cos((127\pi)/400))/4, -(25\pi \cos((8\pi)/25))/4, -$
 $(25\pi \cos((129\pi)/400))/4, -(25\pi \cos((13\pi)/40))/4, -(25\pi \cos((131\pi)/400))/4, -$
 $(25\pi \cos((33\pi)/100))/4, -(25\pi \cos((133\pi)/400))/4, -(25\pi \cos((67\pi)/200))/4, -$
 $(25\pi \cos((27\pi)/80))/4, -(25\pi \cos((17\pi)/50))/4, -(25\pi \cos((137\pi)/400))/4, -$
 $(25\pi \cos((69\pi)/200))/4, -(25\pi \cos((139\pi)/400))/4, -(25\pi \cos((7\pi)/20))/4, -$
 $(25\pi \cos((141\pi)/400))/4, -(25\pi \cos((71\pi)/200))/4, -(25\pi \cos((143\pi)/400))/4, -$
 $(25\pi \cos((9\pi)/25))/4, -(25\pi \cos((29\pi)/80))/4, -(25\pi \cos((73\pi)/200))/4, -$
 $(25\pi \cos((147\pi)/400))/4, -(25\pi \cos((37\pi)/100))/4, -(25\pi \cos((149\pi)/400))/4, -(25\pi (2 -$
 $2^{(1/2)})^{(1/2)})/8, -(25\pi \cos((151\pi)/400))/4, -(25\pi \cos((19\pi)/50))/4, -$
 $(25\pi \cos((153\pi)/400))/4, -(25\pi \cos((77\pi)/200))/4, -(25\pi \cos((31\pi)/80))/4, -$
 $(25\pi \cos((39\pi)/100))/4, -(25\pi \cos((157\pi)/400))/4, -(25\pi \cos((79\pi)/200))/4, -$
 $(25\pi \cos((159\pi)/400))/4, -(25\pi (5^{(1/2)}/4 - 1/4))/4, -(25\pi \cos((161\pi)/400))/4, -$
 $(25\pi \cos((81\pi)/200))/4, -(25\pi \cos((163\pi)/400))/4, -(25\pi \cos((41\pi)/100))/4, -$
 $(25\pi \cos((33\pi)/80))/4, -(25\pi \cos((83\pi)/200))/4, -(25\pi \cos((167\pi)/400))/4, -$
 $(25\pi \cos((21\pi)/50))/4, -(25\pi \cos((169\pi)/400))/4, -(25\pi \cos((17\pi)/40))/4, -$
 $(25\pi \cos((171\pi)/400))/4, -(25\pi \cos((43\pi)/100))/4, -(25\pi \cos((173\pi)/400))/4, -$
 $(25\pi \cos((87\pi)/200))/4, -(25\pi \cos((7\pi)/16))/4, -(25\pi \cos((11\pi)/25))/4, -$
 $(25\pi \cos((177\pi)/400))/4, -(25\pi \cos((89\pi)/200))/4, -(25\pi \cos((179\pi)/400))/4, -$
 $(25\pi \cos((9\pi)/20))/4, -(25\pi \cos((181\pi)/400))/4, -(25\pi \cos((91\pi)/200))/4, -$
 $(25\pi \cos((183\pi)/400))/4, -(25\pi \cos((23\pi)/50))/4, -(25\pi \cos((37\pi)/80))/4, -$
 $(25\pi \cos((93\pi)/200))/4, -(25\pi \cos((187\pi)/400))/4, -(25\pi \cos((47\pi)/100))/4, -$
 $(25\pi \cos((189\pi)/400))/4, -(25\pi \cos((19\pi)/40))/4, -(25\pi \cos((191\pi)/400))/4, -$
 $(25\pi \cos((12\pi)/25))/4, -(25\pi \cos((193\pi)/400))/4, -(25\pi \cos((97\pi)/200))/4, -$
 $(25\pi \cos((39\pi)/80))/4, -(25\pi \cos((49\pi)/100))/4, -(25\pi \cos((197\pi)/400))/4, -$
 $(25\pi \cos((99\pi)/200))/4, -(25\pi \cos((199\pi)/400))/4, 0, (25\pi \cos((199\pi)/400))/4,$
 $(25\pi \cos((99\pi)/200))/4, (25\pi \cos((197\pi)/400))/4, (25\pi \cos((49\pi)/100))/4,$
 $(25\pi \cos((39\pi)/80))/4, (25\pi \cos((97\pi)/200))/4, (25\pi \cos((193\pi)/400))/4,$
 $(25\pi \cos((12\pi)/25))/4, (25\pi \cos((191\pi)/400))/4, (25\pi \cos((19\pi)/40))/4,$
 $(25\pi \cos((189\pi)/400))/4, (25\pi \cos((47\pi)/100))/4, (25\pi \cos((187\pi)/400))/4,$
 $(25\pi \cos((93\pi)/200))/4, (25\pi \cos((37\pi)/80))/4, (25\pi \cos((23\pi)/50))/4,$
 $(25\pi \cos((183\pi)/400))/4, (25\pi \cos((91\pi)/200))/4, (25\pi \cos((181\pi)/400))/4,$
 $(25\pi \cos((9\pi)/20))/4, (25\pi \cos((179\pi)/400))/4, (25\pi \cos((89\pi)/200))/4,$
 $(25\pi \cos((177\pi)/400))/4, (25\pi \cos((11\pi)/25))/4, (25\pi \cos((7\pi)/16))/4,$
 $(25\pi \cos((87\pi)/200))/4, (25\pi \cos((173\pi)/400))/4, (25\pi \cos((43\pi)/100))/4,$
 $(25\pi \cos((171\pi)/400))/4, (25\pi \cos((17\pi)/40))/4, (25\pi \cos((169\pi)/400))/4,$
 $(25\pi \cos((21\pi)/50))/4, (25\pi \cos((167\pi)/400))/4, (25\pi \cos((83\pi)/200))/4,$
 $(25\pi \cos((33\pi)/80))/4, (25\pi \cos((41\pi)/100))/4, (25\pi \cos((163\pi)/400))/4,$
 $(25\pi \cos((81\pi)/200))/4, (25\pi \cos((161\pi)/400))/4, (25\pi (5^{(1/2)}/4 - 1/4))/4,$
 $(25\pi \cos((159\pi)/400))/4, (25\pi \cos((79\pi)/200))/4, (25\pi \cos((157\pi)/400))/4,$
 $(25\pi \cos((39\pi)/100))/4, (25\pi \cos((31\pi)/80))/4, (25\pi \cos((77\pi)/200))/4,$
 $(25\pi \cos((153\pi)/400))/4, (25\pi \cos((19\pi)/50))/4, (25\pi \cos((151\pi)/400))/4, (25\pi (2 -$
 $2^{(1/2)})^{(1/2)})/8, (25\pi \cos((149\pi)/400))/4, (25\pi \cos((37\pi)/100))/4,$
 $(25\pi \cos((147\pi)/400))/4, (25\pi \cos((73\pi)/200))/4, (25\pi \cos((29\pi)/80))/4,$
 $(25\pi \cos((9\pi)/25))/4, (25\pi \cos((143\pi)/400))/4, (25\pi \cos((71\pi)/200))/4,$

(25*pi*cos((7*pi)/400))/4, (25*pi*cos((3*pi)/200))/4, (25*pi*cos(pi/80))/4, (25*pi*cos(pi/100))/4,
(25*pi*cos((3*pi)/400))/4, (25*pi*cos(pi/200))/4, (25*pi*cos(pi/400))/4, (25*pi)/4,
(25*pi*cos(pi/400))/4, (25*pi*cos(pi/200))/4, (25*pi*cos((3*pi)/400))/4, (25*pi*cos(pi/100))/4,
(25*pi*cos(pi/80))/4, (25*pi*cos((3*pi)/200))/4, (25*pi*cos((7*pi)/400))/4, (25*pi*cos(pi/50))/4,
(25*pi*cos((9*pi)/400))/4, (25*pi*cos(pi/40))/4, (25*pi*cos((11*pi)/400))/4,
(25*pi*cos((3*pi)/100))/4, (25*pi*cos((13*pi)/400))/4, (25*pi*cos((7*pi)/200))/4,
(25*pi*cos((3*pi)/80))/4, (25*pi*cos(pi/25))/4, (25*pi*cos((17*pi)/400))/4, (25*pi*cos((9*pi)/200))/4,
(25*pi*cos((19*pi)/400))/4, (25*pi*cos(pi/20))/4, (25*pi*cos((21*pi)/400))/4,
(25*pi*cos((11*pi)/200))/4, (25*pi*cos((23*pi)/400))/4, (25*pi*cos((3*pi)/50))/4,
(25*pi*cos(pi/16))/4, (25*pi*cos((13*pi)/200))/4, (25*pi*cos((27*pi)/400))/4,
(25*pi*cos((7*pi)/100))/4, (25*pi*cos((29*pi)/400))/4, (25*pi*cos((3*pi)/40))/4,
(25*pi*cos((31*pi)/400))/4, (25*pi*cos((2*pi)/25))/4, (25*pi*cos((33*pi)/400))/4,
(25*pi*cos((17*pi)/200))/4, (25*pi*cos((7*pi)/80))/4, (25*pi*cos((9*pi)/100))/4,
(25*pi*cos((37*pi)/400))/4, (25*pi*cos((19*pi)/200))/4, (25*pi*cos((39*pi)/400))/4,
(25*pi*cos(2^(1/2)*(5^(1/2)+5^(1/2)))/16, (25*pi*cos((41*pi)/400))/4, (25*pi*cos((21*pi)/200))/4,
(25*pi*cos((43*pi)/400))/4, (25*pi*cos((11*pi)/100))/4, (25*pi*cos((9*pi)/80))/4,
(25*pi*cos((23*pi)/200))/4, (25*pi*cos((47*pi)/400))/4, (25*pi*cos((3*pi)/25))/4,
(25*pi*cos((49*pi)/400))/4, (25*pi*cos(2^(1/2)+2^(1/2)))/8, (25*pi*cos((51*pi)/400))/4,
(25*pi*cos((13*pi)/100))/4, (25*pi*cos((53*pi)/400))/4, (25*pi*cos((27*pi)/200))/4,
(25*pi*cos((11*pi)/80))/4, (25*pi*cos((7*pi)/50))/4, (25*pi*cos((57*pi)/400))/4,
(25*pi*cos((29*pi)/200))/4, (25*pi*cos((59*pi)/400))/4, (25*pi*cos((3*pi)/20))/4,
(25*pi*cos((61*pi)/400))/4, (25*pi*cos((31*pi)/200))/4, (25*pi*cos((63*pi)/400))/4,
(25*pi*cos((4*pi)/25))/4, (25*pi*cos((13*pi)/80))/4, (25*pi*cos((33*pi)/200))/4,
(25*pi*cos((67*pi)/400))/4, (25*pi*cos((17*pi)/100))/4, (25*pi*cos((69*pi)/400))/4,
(25*pi*cos((7*pi)/40))/4, (25*pi*cos((71*pi)/400))/4, (25*pi*cos((9*pi)/50))/4,
(25*pi*cos((73*pi)/400))/4, (25*pi*cos((37*pi)/200))/4, (25*pi*cos((3*pi)/16))/4,
(25*pi*cos((19*pi)/100))/4, (25*pi*cos((77*pi)/400))/4, (25*pi*cos((39*pi)/200))/4,
(25*pi*cos((79*pi)/400))/4, (25*pi*cos(5^(1/2)/4+1/4))/4, (25*pi*cos((81*pi)/400))/4,
(25*pi*cos((41*pi)/200))/4, (25*pi*cos((83*pi)/400))/4, (25*pi*cos((21*pi)/100))/4,
(25*pi*cos((17*pi)/80))/4, (25*pi*cos((43*pi)/200))/4, (25*pi*cos((87*pi)/400))/4,
(25*pi*cos((11*pi)/50))/4, (25*pi*cos((89*pi)/400))/4, (25*pi*cos((9*pi)/40))/4,
(25*pi*cos((91*pi)/400))/4, (25*pi*cos((23*pi)/100))/4, (25*pi*cos((93*pi)/400))/4,
(25*pi*cos((47*pi)/200))/4, (25*pi*cos((19*pi)/80))/4, (25*pi*cos((6*pi)/25))/4,
(25*pi*cos((97*pi)/400))/4, (25*pi*cos((49*pi)/200))/4, (25*pi*cos((99*pi)/400))/4,
(25*pi*cos(2^(1/2)))/8, (25*pi*cos((101*pi)/400))/4, (25*pi*cos((51*pi)/200))/4,
(25*pi*cos((103*pi)/400))/4, (25*pi*cos((13*pi)/50))/4, (25*pi*cos((21*pi)/80))/4,
(25*pi*cos((53*pi)/200))/4, (25*pi*cos((107*pi)/400))/4, (25*pi*cos((27*pi)/100))/4,
(25*pi*cos((109*pi)/400))/4, (25*pi*cos((11*pi)/40))/4, (25*pi*cos((111*pi)/400))/4,
(25*pi*cos((7*pi)/25))/4, (25*pi*cos((113*pi)/400))/4, (25*pi*cos((57*pi)/200))/4,
(25*pi*cos((23*pi)/80))/4, (25*pi*cos((29*pi)/100))/4, (25*pi*cos((117*pi)/400))/4,
(25*pi*cos((59*pi)/200))/4, (25*pi*cos((119*pi)/400))/4, (25*pi*cos(2^(1/2)*pi*(5-5^(1/2))^(1/2)))/16,
(25*pi*cos((121*pi)/400))/4, (25*pi*cos((61*pi)/200))/4, (25*pi*cos((123*pi)/400))/4,
(25*pi*cos((31*pi)/100))/4, (25*pi*cos((5*pi)/16))/4, (25*pi*cos((63*pi)/200))/4,
(25*pi*cos((127*pi)/400))/4, (25*pi*cos((8*pi)/25))/4, (25*pi*cos((129*pi)/400))/4,

(25*pi*cos((13*pi)/40))/4, (25*pi*cos((131*pi)/400))/4, (25*pi*cos((33*pi)/100))/4,
(25*pi*cos((133*pi)/400))/4, (25*pi*cos((67*pi)/200))/4, (25*pi*cos((27*pi)/80))/4,
(25*pi*cos((17*pi)/50))/4, (25*pi*cos((137*pi)/400))/4, (25*pi*cos((69*pi)/200))/4,
(25*pi*cos((139*pi)/400))/4, (25*pi*cos((7*pi)/20))/4, (25*pi*cos((141*pi)/400))/4,
(25*pi*cos((71*pi)/200))/4, (25*pi*cos((143*pi)/400))/4, (25*pi*cos((9*pi)/25))/4,
(25*pi*cos((29*pi)/80))/4, (25*pi*cos((73*pi)/200))/4, (25*pi*cos((147*pi)/400))/4,
(25*pi*cos((37*pi)/100))/4, (25*pi*cos((149*pi)/400))/4, (25*pi*(2 - 2^(1/2))^(1/2))/8,
(25*pi*cos((151*pi)/400))/4, (25*pi*cos((19*pi)/50))/4, (25*pi*cos((153*pi)/400))/4,
(25*pi*cos((77*pi)/200))/4, (25*pi*cos((31*pi)/80))/4, (25*pi*cos((39*pi)/100))/4,
(25*pi*cos((157*pi)/400))/4, (25*pi*cos((79*pi)/200))/4, (25*pi*cos((159*pi)/400))/4,
(25*pi*(5^(1/2)/4 - 1/4))/4, (25*pi*cos((161*pi)/400))/4, (25*pi*cos((81*pi)/200))/4,
(25*pi*cos((163*pi)/400))/4, (25*pi*cos((41*pi)/100))/4, (25*pi*cos((33*pi)/80))/4,
(25*pi*cos((83*pi)/200))/4, (25*pi*cos((167*pi)/400))/4, (25*pi*cos((21*pi)/50))/4,
(25*pi*cos((169*pi)/400))/4, (25*pi*cos((17*pi)/40))/4, (25*pi*cos((171*pi)/400))/4,
(25*pi*cos((43*pi)/100))/4, (25*pi*cos((173*pi)/400))/4, (25*pi*cos((87*pi)/200))/4,
(25*pi*cos((7*pi)/16))/4, (25*pi*cos((11*pi)/25))/4, (25*pi*cos((177*pi)/400))/4,
(25*pi*cos((89*pi)/200))/4, (25*pi*cos((179*pi)/400))/4, (25*pi*cos((9*pi)/20))/4,
(25*pi*cos((181*pi)/400))/4, (25*pi*cos((91*pi)/200))/4, (25*pi*cos((183*pi)/400))/4,
(25*pi*cos((23*pi)/50))/4, (25*pi*cos((37*pi)/80))/4, (25*pi*cos((93*pi)/200))/4,
(25*pi*cos((187*pi)/400))/4, (25*pi*cos((47*pi)/100))/4, (25*pi*cos((189*pi)/400))/4,
(25*pi*cos((19*pi)/40))/4, (25*pi*cos((191*pi)/400))/4, (25*pi*cos((12*pi)/25))/4,
(25*pi*cos((193*pi)/400))/4, (25*pi*cos((97*pi)/200))/4, (25*pi*cos((39*pi)/80))/4,
(25*pi*cos((49*pi)/100))/4, (25*pi*cos((197*pi)/400))/4, (25*pi*cos((99*pi)/200))/4,
(25*pi*cos((199*pi)/400))/4, 0, -(25*pi*cos((199*pi)/400))/4, -(25*pi*cos((99*pi)/200))/4, -
(25*pi*cos((197*pi)/400))/4, -(25*pi*cos((49*pi)/100))/4, -(25*pi*cos((39*pi)/80))/4, -
(25*pi*cos((97*pi)/200))/4, -(25*pi*cos((193*pi)/400))/4, -(25*pi*cos((12*pi)/25))/4, -
(25*pi*cos((191*pi)/400))/4, -(25*pi*cos((19*pi)/40))/4, -(25*pi*cos((189*pi)/400))/4, -
(25*pi*cos((47*pi)/100))/4, -(25*pi*cos((187*pi)/400))/4, -(25*pi*cos((93*pi)/200))/4, -
(25*pi*cos((37*pi)/80))/4, -(25*pi*cos((23*pi)/50))/4, -(25*pi*cos((183*pi)/400))/4, -
(25*pi*cos((91*pi)/200))/4, -(25*pi*cos((181*pi)/400))/4, -(25*pi*cos((9*pi)/20))/4, -
(25*pi*cos((179*pi)/400))/4, -(25*pi*cos((89*pi)/200))/4, -(25*pi*cos((177*pi)/400))/4, -
(25*pi*cos((11*pi)/25))/4, -(25*pi*cos((7*pi)/16))/4, -(25*pi*cos((87*pi)/200))/4, -
(25*pi*cos((173*pi)/400))/4, -(25*pi*cos((43*pi)/100))/4, -(25*pi*cos((171*pi)/400))/4, -
(25*pi*cos((17*pi)/40))/4, -(25*pi*cos((169*pi)/400))/4, -(25*pi*cos((21*pi)/50))/4, -
(25*pi*cos((167*pi)/400))/4, -(25*pi*cos((83*pi)/200))/4, -(25*pi*cos((33*pi)/80))/4, -
(25*pi*cos((41*pi)/100))/4, -(25*pi*cos((163*pi)/400))/4, -(25*pi*cos((81*pi)/200))/4, -
(25*pi*cos((161*pi)/400))/4, -(25*pi*(5^(1/2)/4 - 1/4))/4, -(25*pi*cos((159*pi)/400))/4, -
(25*pi*cos((79*pi)/200))/4, -(25*pi*cos((157*pi)/400))/4, -(25*pi*cos((39*pi)/100))/4, -
(25*pi*cos((31*pi)/80))/4, -(25*pi*cos((77*pi)/200))/4, -(25*pi*cos((153*pi)/400))/4, -
(25*pi*cos((19*pi)/50))/4, -(25*pi*cos((151*pi)/400))/4, -(25*pi*(2 - 2^(1/2))^(1/2))/8, -
(25*pi*cos((149*pi)/400))/4, -(25*pi*cos((37*pi)/100))/4, -(25*pi*cos((147*pi)/400))/4, -
(25*pi*cos((73*pi)/200))/4, -(25*pi*cos((29*pi)/80))/4, -(25*pi*cos((9*pi)/25))/4, -
(25*pi*cos((143*pi)/400))/4, -(25*pi*cos((71*pi)/200))/4, -(25*pi*cos((141*pi)/400))/4, -
(25*pi*cos((7*pi)/20))/4, -(25*pi*cos((139*pi)/400))/4, -(25*pi*cos((69*pi)/200))/4, -

$(25*\pi*\cos((137*\pi)/400))/4, -(25*\pi*\cos((17*\pi)/50))/4, -(25*\pi*\cos((27*\pi)/80))/4, -$
 $(25*\pi*\cos((67*\pi)/200))/4, -(25*\pi*\cos((133*\pi)/400))/4, -(25*\pi*\cos((33*\pi)/100))/4, -$
 $(25*\pi*\cos((131*\pi)/400))/4, -(25*\pi*\cos((13*\pi)/40))/4, -(25*\pi*\cos((129*\pi)/400))/4, -$
 $(25*\pi*\cos((8*\pi)/25))/4, -(25*\pi*\cos((127*\pi)/400))/4, -(25*\pi*\cos((63*\pi)/200))/4, -$
 $(25*\pi*\cos((5*\pi)/16))/4, -(25*\pi*\cos((31*\pi)/100))/4, -(25*\pi*\cos((123*\pi)/400))/4, -$
 $(25*\pi*\cos((61*\pi)/200))/4, -(25*\pi*\cos((121*\pi)/400))/4, -(25*2^{(1/2)}*\pi*(5 - 5^{(1/2)})^{(1/2)})/16, -$
 $(25*\pi*\cos((119*\pi)/400))/4, -(25*\pi*\cos((59*\pi)/200))/4, -(25*\pi*\cos((117*\pi)/400))/4, -$
 $(25*\pi*\cos((29*\pi)/100))/4, -(25*\pi*\cos((23*\pi)/80))/4, -(25*\pi*\cos((57*\pi)/200))/4, -$
 $(25*\pi*\cos((113*\pi)/400))/4, -(25*\pi*\cos((7*\pi)/25))/4, -(25*\pi*\cos((111*\pi)/400))/4, -$
 $(25*\pi*\cos((11*\pi)/40))/4, -(25*\pi*\cos((109*\pi)/400))/4, -(25*\pi*\cos((27*\pi)/100))/4, -$
 $(25*\pi*\cos((107*\pi)/400))/4, -(25*\pi*\cos((53*\pi)/200))/4, -(25*\pi*\cos((21*\pi)/80))/4, -$
 $(25*\pi*\cos((13*\pi)/50))/4, -(25*\pi*\cos((103*\pi)/400))/4, -(25*\pi*\cos((51*\pi)/200))/4, -$
 $(25*\pi*\cos((101*\pi)/400))/4, -(25*\pi*2^{(1/2)})/8, -(25*\pi*\cos((99*\pi)/400))/4, -$
 $(25*\pi*\cos((49*\pi)/200))/4, -(25*\pi*\cos((97*\pi)/400))/4, -(25*\pi*\cos((6*\pi)/25))/4, -$
 $(25*\pi*\cos((19*\pi)/80))/4, -(25*\pi*\cos((47*\pi)/200))/4, -(25*\pi*\cos((93*\pi)/400))/4, -$
 $(25*\pi*\cos((23*\pi)/100))/4, -(25*\pi*\cos((91*\pi)/400))/4, -(25*\pi*\cos((9*\pi)/40))/4, -$
 $(25*\pi*\cos((89*\pi)/400))/4, -(25*\pi*\cos((11*\pi)/50))/4, -(25*\pi*\cos((87*\pi)/400))/4, -$
 $(25*\pi*\cos((43*\pi)/200))/4, -(25*\pi*\cos((17*\pi)/80))/4, -(25*\pi*\cos((21*\pi)/100))/4, -$
 $(25*\pi*\cos((83*\pi)/400))/4, -(25*\pi*\cos((41*\pi)/200))/4, -(25*\pi*\cos((81*\pi)/400))/4, -$
 $(25*\pi*(5^{(1/2)}/4 + 1/4))/4, -(25*\pi*\cos((79*\pi)/400))/4, -(25*\pi*\cos((39*\pi)/200))/4, -$
 $(25*\pi*\cos((77*\pi)/400))/4, -(25*\pi*\cos((19*\pi)/100))/4, -(25*\pi*\cos((3*\pi)/16))/4, -$
 $(25*\pi*\cos((37*\pi)/200))/4, -(25*\pi*\cos((73*\pi)/400))/4, -(25*\pi*\cos((9*\pi)/50))/4, -$
 $(25*\pi*\cos((71*\pi)/400))/4, -(25*\pi*\cos((7*\pi)/40))/4, -(25*\pi*\cos((69*\pi)/400))/4, -$
 $(25*\pi*\cos((17*\pi)/100))/4, -(25*\pi*\cos((67*\pi)/400))/4, -(25*\pi*\cos((33*\pi)/200))/4, -$
 $(25*\pi*\cos((13*\pi)/80))/4, -(25*\pi*\cos((4*\pi)/25))/4, -(25*\pi*\cos((63*\pi)/400))/4, -$
 $(25*\pi*\cos((31*\pi)/200))/4, -(25*\pi*\cos((61*\pi)/400))/4, -(25*\pi*\cos((3*\pi)/20))/4, -$
 $(25*\pi*\cos((59*\pi)/400))/4, -(25*\pi*\cos((29*\pi)/200))/4, -(25*\pi*\cos((57*\pi)/400))/4, -$
 $(25*\pi*\cos((7*\pi)/50))/4, -(25*\pi*\cos((11*\pi)/80))/4, -(25*\pi*\cos((27*\pi)/200))/4, -$
 $(25*\pi*\cos((53*\pi)/400))/4, -(25*\pi*\cos((13*\pi)/100))/4, -(25*\pi*\cos((51*\pi)/400))/4, -(25*\pi*(2^{(1/2)}$
 $+ 2)^{(1/2)})/8, -(25*\pi*\cos((49*\pi)/400))/4, -(25*\pi*\cos((3*\pi)/25))/4, -(25*\pi*\cos((47*\pi)/400))/4, -$
 $(25*\pi*\cos((23*\pi)/200))/4, -(25*\pi*\cos((9*\pi)/80))/4, -(25*\pi*\cos((11*\pi)/100))/4, -$
 $(25*\pi*\cos((43*\pi)/400))/4, -(25*\pi*\cos((21*\pi)/200))/4, -(25*\pi*\cos((41*\pi)/400))/4, -$
 $(25*\pi*2^{(1/2)}*(5^{(1/2)} + 5)^{(1/2)})/16, -(25*\pi*\cos((39*\pi)/400))/4, -(25*\pi*\cos((19*\pi)/200))/4, -$
 $(25*\pi*\cos((37*\pi)/400))/4, -(25*\pi*\cos((9*\pi)/100))/4, -(25*\pi*\cos((7*\pi)/80))/4, -(2... Output$
truncated. Text exceeds maximum line length for Command Window display.

P =

$$(25*\pi*\cos((\pi*t)/5)*\cos(25*\pi*t))/8$$

Pn =

$$\begin{aligned} & \left[\frac{(25\pi)}{8}, \frac{(25\pi \cos(\pi/400) \cos(\pi/50000))}{8}, \frac{(25\pi \cos(\pi/200) \cos(\pi/25000))}{8}, \right. \\ & \frac{(25\pi \cos(3\pi/400) \cos(3\pi/50000))}{8}, \frac{(25\pi \cos(\pi/100) \cos(\pi/12500))}{8}, \\ & \frac{(25\pi \cos(\pi/80) \cos(\pi/10000))}{8}, \frac{(25\pi \cos(3\pi/200) \cos(3\pi/25000))}{8}, \\ & \frac{(25\pi \cos(7\pi/400) \cos(7\pi/50000))}{8}, \frac{(25\pi \cos(\pi/50) \cos(\pi/6250))}{8}, \\ & \frac{(25\pi \cos(9\pi/400) \cos(9\pi/50000))}{8}, \frac{(25\pi \cos(\pi/40) \cos(\pi/5000))}{8}, \\ & \frac{(25\pi \cos(11\pi/400) \cos(11\pi/50000))}{8}, \frac{(25\pi \cos(3\pi/100) \cos(3\pi/12500))}{8}, \\ & \frac{(25\pi \cos(13\pi/400) \cos(13\pi/50000))}{8}, \frac{(25\pi \cos(7\pi/200) \cos(7\pi/25000))}{8}, \\ & \frac{(25\pi \cos(3\pi/80) \cos(3\pi/10000))}{8}, \frac{(25\pi \cos(\pi/25) \cos(\pi/3125))}{8}, \\ & \frac{(25\pi \cos(17\pi/400) \cos(17\pi/50000))}{8}, \frac{(25\pi \cos(9\pi/200) \cos(9\pi/25000))}{8}, \\ & \frac{(25\pi \cos(19\pi/400) \cos(19\pi/50000))}{8}, \frac{(25\pi \cos(\pi/20) \cos(\pi/2500))}{8}, \\ & \frac{(25\pi \cos(21\pi/400) \cos(21\pi/50000))}{8}, \frac{(25\pi \cos(11\pi/200) \cos(11\pi/25000))}{8}, \\ & \frac{(25\pi \cos(23\pi/400) \cos(23\pi/50000))}{8}, \frac{(25\pi \cos(3\pi/50) \cos(3\pi/6250))}{8}, \\ & \frac{(25\pi \cos(\pi/16) \cos(\pi/2000))}{8}, \frac{(25\pi \cos(13\pi/200) \cos(13\pi/25000))}{8}, \\ & \frac{(25\pi \cos(27\pi/400) \cos(27\pi/50000))}{8}, \frac{(25\pi \cos(7\pi/100) \cos(7\pi/12500))}{8}, \\ & \frac{(25\pi \cos(29\pi/400) \cos(29\pi/50000))}{8}, \frac{(25\pi \cos(3\pi/40) \cos(3\pi/5000))}{8}, \\ & \frac{(25\pi \cos(31\pi/400) \cos(31\pi/50000))}{8}, \frac{(25\pi \cos(2\pi/25) \cos(2\pi/3125))}{8}, \\ & \frac{(25\pi \cos(33\pi/400) \cos(33\pi/50000))}{8}, \frac{(25\pi \cos(17\pi/200) \cos(17\pi/25000))}{8}, \\ & \frac{(25\pi \cos(7\pi/80) \cos(7\pi/10000))}{8}, \frac{(25\pi \cos(9\pi/100) \cos(9\pi/12500))}{8}, \\ & \frac{(25\pi \cos(37\pi/400) \cos(37\pi/50000))}{8}, \frac{(25\pi \cos(19\pi/200) \cos(19\pi/25000))}{8}, \\ & \frac{(25\pi \cos(39\pi/400) \cos(39\pi/50000))}{8}, \frac{(25\pi \cos(\pi/25) \cos(\pi/2500))}{8}, \\ & \frac{(25\pi \cos(41\pi/400) \cos(41\pi/50000))}{8}, \frac{(25\pi \cos(21\pi/200) \cos(21\pi/25000))}{8}, \\ & \frac{(25\pi \cos(43\pi/400) \cos(43\pi/50000))}{8}, \frac{(25\pi \cos(11\pi/100) \cos(11\pi/12500))}{8}, \\ & \frac{(25\pi \cos(9\pi/80) \cos(9\pi/10000))}{8}, \frac{(25\pi \cos(23\pi/200) \cos(23\pi/25000))}{8}, \\ & \frac{(25\pi \cos(47\pi/400) \cos(47\pi/50000))}{8}, \frac{(25\pi \cos(3\pi/25) \cos(3\pi/3125))}{8}, \\ & \frac{(25\pi \cos(49\pi/400) \cos(49\pi/50000))}{8}, \frac{(25\pi \cos(\pi/100) \cos(\pi/1000))}{8}, \\ & \frac{(25\pi \cos(51\pi/400) \cos(51\pi/50000))}{8}, \frac{(25\pi \cos(13\pi/100) \cos(13\pi/12500))}{8}, \\ & \frac{(25\pi \cos(53\pi/400) \cos(53\pi/50000))}{8}, \frac{(25\pi \cos(27\pi/200) \cos(27\pi/25000))}{8}, \\ & \frac{(25\pi \cos(11\pi/80) \cos(11\pi/10000))}{8}, \frac{(25\pi \cos(7\pi/50) \cos(7\pi/6250))}{8}, \\ & \frac{(25\pi \cos(57\pi/400) \cos(57\pi/50000))}{8}, \frac{(25\pi \cos(29\pi/200) \cos(29\pi/25000))}{8}, \\ & \frac{(25\pi \cos(59\pi/400) \cos(59\pi/50000))}{8}, \frac{(25\pi \cos(3\pi/20) \cos(3\pi/2500))}{8}, \\ & \frac{(25\pi \cos(61\pi/400) \cos(61\pi/50000))}{8}, \frac{(25\pi \cos(31\pi/200) \cos(31\pi/25000))}{8}, \\ & \frac{(25\pi \cos(63\pi/400) \cos(63\pi/50000))}{8}, \frac{(25\pi \cos(4\pi/25) \cos(4\pi/3125))}{8}, \\ & \frac{(25\pi \cos(13\pi/80) \cos(13\pi/10000))}{8}, \frac{(25\pi \cos(33\pi/200) \cos(33\pi/25000))}{8}, \\ & \frac{(25\pi \cos(67\pi/400) \cos(67\pi/50000))}{8}, \frac{(25\pi \cos(17\pi/100) \cos(17\pi/12500))}{8}, \\ & \frac{(25\pi \cos(69\pi/400) \cos(69\pi/50000))}{8}, \frac{(25\pi \cos(7\pi/40) \cos(7\pi/5000))}{8}, \\ & \frac{(25\pi \cos(71\pi/400) \cos(71\pi/50000))}{8}, \frac{(25\pi \cos(9\pi/50) \cos(9\pi/6250))}{8}, \\ & \frac{(25\pi \cos(73\pi/400) \cos(73\pi/50000))}{8}, \frac{(25\pi \cos(37\pi/200) \cos(37\pi/25000))}{8}, \\ & \frac{(25\pi \cos(3\pi/16) \cos(3\pi/2000))}{8}, \frac{(25\pi \cos(19\pi/100) \cos(19\pi/12500))}{8}, \\ & \frac{(25\pi \cos(77\pi/400) \cos(77\pi/50000))}{8}, \frac{(25\pi \cos(39\pi/200) \cos(39\pi/25000))}{8}, \\ & \left. \frac{(25\pi \cos(79\pi/400) \cos(79\pi/50000))}{8}, \frac{(25\pi \cos(\pi/625) \cos(\pi/625))}{8} \right] \end{aligned}$$

$(25\pi \cos((21\pi)/50) \cos((21\pi)/6250))/8, (25\pi \cos((169\pi)/400) \cos((169\pi)/50000))/8,$
 $(25\pi \cos((17\pi)/40) \cos((17\pi)/5000))/8, (25\pi \cos((171\pi)/400) \cos((171\pi)/50000))/8,$
 $(25\pi \cos((43\pi)/100) \cos((43\pi)/12500))/8, (25\pi \cos((173\pi)/400) \cos((173\pi)/50000))/8,$
 $(25\pi \cos((87\pi)/200) \cos((87\pi)/25000))/8, (25\pi \cos((7\pi)/16) \cos((7\pi)/2000))/8,$
 $(25\pi \cos((11\pi)/25) \cos((11\pi)/3125))/8, (25\pi \cos((177\pi)/400) \cos((177\pi)/50000))/8,$
 $(25\pi \cos((89\pi)/200) \cos((89\pi)/25000))/8, (25\pi \cos((179\pi)/400) \cos((179\pi)/50000))/8,$
 $(25\pi \cos((9\pi)/20) \cos((9\pi)/2500))/8, (25\pi \cos((181\pi)/400) \cos((181\pi)/50000))/8,$
 $(25\pi \cos((91\pi)/200) \cos((91\pi)/25000))/8, (25\pi \cos((183\pi)/400) \cos((183\pi)/50000))/8,$
 $(25\pi \cos((23\pi)/50) \cos((23\pi)/6250))/8, (25\pi \cos((37\pi)/80) \cos((37\pi)/10000))/8,$
 $(25\pi \cos((93\pi)/200) \cos((93\pi)/25000))/8, (25\pi \cos((187\pi)/400) \cos((187\pi)/50000))/8,$
 $(25\pi \cos((47\pi)/100) \cos((47\pi)/12500))/8, (25\pi \cos((189\pi)/400) \cos((189\pi)/50000))/8,$
 $(25\pi \cos((19\pi)/40) \cos((19\pi)/5000))/8, (25\pi \cos((191\pi)/400) \cos((191\pi)/50000))/8,$
 $(25\pi \cos((12\pi)/25) \cos((12\pi)/3125))/8, (25\pi \cos((193\pi)/400) \cos((193\pi)/50000))/8,$
 $(25\pi \cos((97\pi)/200) \cos((97\pi)/25000))/8, (25\pi \cos((39\pi)/80) \cos((39\pi)/10000))/8,$
 $(25\pi \cos((49\pi)/100) \cos((49\pi)/12500))/8, (25\pi \cos((197\pi)/400) \cos((197\pi)/50000))/8,$
 $(25\pi \cos((99\pi)/200) \cos((99\pi)/25000))/8, (25\pi \cos((199\pi)/400) \cos((199\pi)/50000))/8, 0, -$
 $(25\pi \cos((199\pi)/400) \cos((201\pi)/50000))/8, -(25\pi \cos((99\pi)/200) \cos((101\pi)/25000))/8, -$
 $(25\pi \cos((197\pi)/400) \cos((203\pi)/50000))/8, -(25\pi \cos((49\pi)/100) \cos((51\pi)/12500))/8, -$
 $(25\pi \cos((39\pi)/80) \cos((41\pi)/10000))/8, -(25\pi \cos((97\pi)/200) \cos((103\pi)/25000))/8, -$
 $(25\pi \cos((193\pi)/400) \cos((207\pi)/50000))/8, -(25\pi \cos((12\pi)/25) \cos((13\pi)/3125))/8, -$
 $(25\pi \cos((191\pi)/400) \cos((209\pi)/50000))/8, -(25\pi \cos((19\pi)/40) \cos((21\pi)/5000))/8, -$
 $(25\pi \cos((189\pi)/400) \cos((211\pi)/50000))/8, -(25\pi \cos((47\pi)/100) \cos((53\pi)/12500))/8, -$
 $(25\pi \cos((187\pi)/400) \cos((213\pi)/50000))/8, -(25\pi \cos((93\pi)/200) \cos((107\pi)/25000))/8, -$
 $(25\pi \cos((37\pi)/80) \cos((43\pi)/10000))/8, -(25\pi \cos((23\pi)/50) \cos((27\pi)/6250))/8, -$
 $(25\pi \cos((183\pi)/400) \cos((217\pi)/50000))/8, -(25\pi \cos((91\pi)/200) \cos((109\pi)/25000))/8, -$
 $(25\pi \cos((181\pi)/400) \cos((219\pi)/50000))/8, -(25\pi \cos((9\pi)/20) \cos((11\pi)/2500))/8, -$
 $(25\pi \cos((179\pi)/400) \cos((221\pi)/50000))/8, -(25\pi \cos((89\pi)/200) \cos((111\pi)/25000))/8, -$
 $(25\pi \cos((177\pi)/400) \cos((223\pi)/50000))/8, -(25\pi \cos((11\pi)/25) \cos((14\pi)/3125))/8, -$
 $(25\pi \cos((7\pi)/16) \cos((9\pi)/2000))/8, -(25\pi \cos((87\pi)/200) \cos((113\pi)/25000))/8, -$
 $(25\pi \cos((173\pi)/400) \cos((227\pi)/50000))/8, -(25\pi \cos((43\pi)/100) \cos((57\pi)/12500))/8, -$
 $(25\pi \cos((171\pi)/400) \cos((229\pi)/50000))/8, -(25\pi \cos((17\pi)/40) \cos((23\pi)/5000))/8, -$
 $(25\pi \cos((169\pi)/400) \cos((231\pi)/50000))/8, -(25\pi \cos((21\pi)/50) \cos((29\pi)/6250))/8, -$
 $(25\pi \cos((167\pi)/400) \cos((233\pi)/50000))/8, -(25\pi \cos((83\pi)/200) \cos((117\pi)/25000))/8, -$
 $(25\pi \cos((33\pi)/80) \cos((47\pi)/10000))/8, -(25\pi \cos((41\pi)/100) \cos((59\pi)/12500))/8, -$
 $(25\pi \cos((163\pi)/400) \cos((237\pi)/50000))/8, -(25\pi \cos((81\pi)/200) \cos((119\pi)/25000))/8, -$
 $(25\pi \cos((161\pi)/400) \cos((239\pi)/50000))/8, -(25\pi \cos((3\pi)/625) \cdot (5^{1/2})^{4-1/4})/8, -$
 $(25\pi \cos((159\pi)/400) \cos((241\pi)/50000))/8, -(25\pi \cos((79\pi)/200) \cos((121\pi)/25000))/8, -$
 $(25\pi \cos((157\pi)/400) \cos((243\pi)/50000))/8, -(25\pi \cos((39\pi)/100) \cos((61\pi)/12500))/8, -$
 $(25\pi \cos((31\pi)/80) \cos((49\pi)/10000))/8, -(25\pi \cos((77\pi)/200) \cos((123\pi)/25000))/8, -$
 $(25\pi \cos((153\pi)/400) \cos((247\pi)/50000))/8, -(25\pi \cos((19\pi)/50) \cos((31\pi)/6250))/8, -$
 $(25\pi \cos((151\pi)/400) \cos((249\pi)/50000))/8, -(25\pi \cos(\pi/200) \cdot (2 - 2^{1/2})^{1/2})/16, -$
 $(25\pi \cos((149\pi)/400) \cos((251\pi)/50000))/8, -(25\pi \cos((37\pi)/100) \cos((63\pi)/12500))/8, -$
 $(25\pi \cos((147\pi)/400) \cos((253\pi)/50000))/8, -(25\pi \cos((73\pi)/200) \cos((127\pi)/25000))/8, -$
 $(25\pi \cos((29\pi)/80) \cos((51\pi)/10000))/8, -(25\pi \cos((9\pi)/25) \cos((16\pi)/3125))/8, -$

$(25\pi \cos((143\pi)/400) \cos((257\pi)/50000))/8, -(25\pi \cos((71\pi)/200) \cos((129\pi)/25000))/8, -$
 $(25\pi \cos((141\pi)/400) \cos((259\pi)/50000))/8, -(25\pi \cos((7\pi)/20) \cos((13\pi)/2500))/8, -$
 $(25\pi \cos((139\pi)/400) \cos((261\pi)/50000))/8, -(25\pi \cos((69\pi)/200) \cos((131\pi)/25000))/8, -$
 $(25\pi \cos((137\pi)/400) \cos((263\pi)/50000))/8, -(25\pi \cos((17\pi)/50) \cos((33\pi)/6250))/8, -$
 $(25\pi \cos((27\pi)/80) \cos((53\pi)/10000))/8, -(25\pi \cos((67\pi)/200) \cos((133\pi)/25000))/8, -$
 $(25\pi \cos((133\pi)/400) \cos((267\pi)/50000))/8, -(25\pi \cos((33\pi)/100) \cos((67\pi)/12500))/8, -$
 $(25\pi \cos((131\pi)/400) \cos((269\pi)/50000))/8, -(25\pi \cos((13\pi)/40) \cos((27\pi)/5000))/8, -$
 $(25\pi \cos((129\pi)/400) \cos((271\pi)/50000))/8, -(25\pi \cos((8\pi)/25) \cos((17\pi)/3125))/8, -$
 $(25\pi \cos((127\pi)/400) \cos((273\pi)/50000))/8, -(25\pi \cos((63\pi)/200) \cos((137\pi)/25000))/8, -$
 $(25\pi \cos((5\pi)/16) \cos((11\pi)/2000))/8, -(25\pi \cos((31\pi)/100) \cos((69\pi)/12500))/8, -$
 $(25\pi \cos((123\pi)/400) \cos((277\pi)/50000))/8, -(25\pi \cos((61\pi)/200) \cos((139\pi)/25000))/8, -$
 $(25\pi \cos((121\pi)/400) \cos((279\pi)/50000))/8, -(25 \cdot 2^{1/2} \pi \cos((7\pi)/1250) \cdot (5 -$
 $5^{1/2})^{1/2})/32, -(25\pi \cos((119\pi)/400) \cos((281\pi)/50000))/8, -$
 $(25\pi \cos((59\pi)/200) \cos((141\pi)/25000))/8, -(25\pi \cos((117\pi)/400) \cos((283\pi)/50000))/8, -$
 $(25\pi \cos((29\pi)/100) \cos((71\pi)/12500))/8, -(25\pi \cos((23\pi)/80) \cos((57\pi)/10000))/8, -$
 $(25\pi \cos((57\pi)/200) \cos((143\pi)/25000))/8, -(25\pi \cos((113\pi)/400) \cos((287\pi)/50000))/8, -$
 $(25\pi \cos((7\pi)/25) \cos((18\pi)/3125))/8, -(25\pi \cos((111\pi)/400) \cos((289\pi)/50000))/8, -$
 $(25\pi \cos((11\pi)/40) \cos((29\pi)/5000))/8, -(25\pi \cos((109\pi)/400) \cos((291\pi)/50000))/8, -$
 $(25\pi \cos((27\pi)/100) \cos((73\pi)/12500))/8, -(25\pi \cos((107\pi)/400) \cos((293\pi)/50000))/8, -$
 $(25\pi \cos((53\pi)/200) \cos((147\pi)/25000))/8, -(25\pi \cos((21\pi)/80) \cos((59\pi)/10000))/8, -$
 $(25\pi \cos((13\pi)/50) \cos((37\pi)/6250))/8, -(25\pi \cos((103\pi)/400) \cos((297\pi)/50000))/8, -$
 $(25\pi \cos((51\pi)/200) \cos((149\pi)/25000))/8, -(25\pi \cos((101\pi)/400) \cos((299\pi)/50000))/8, -$
 $(25 \cdot 2^{1/2} \pi \cos((3\pi)/500))/16, -(25\pi \cos((99\pi)/400) \cos((301\pi)/50000))/8, -$
 $(25\pi \cos((49\pi)/200) \cos((151\pi)/25000))/8, -(25\pi \cos((97\pi)/400) \cos((303\pi)/50000))/8, -$
 $(25\pi \cos((6\pi)/25) \cos((19\pi)/3125))/8, -(25\pi \cos((19\pi)/80) \cos((61\pi)/10000))/8, -$
 $(25\pi \cos((47\pi)/200) \cos((153\pi)/25000))/8, -(25\pi \cos((93\pi)/400) \cos((307\pi)/50000))/8, -$
 $(25\pi \cos((23\pi)/100) \cos((77\pi)/12500))/8, -(25\pi \cos((91\pi)/400) \cos((309\pi)/50000))/8, -$
 $(25\pi \cos((9\pi)/40) \cos((31\pi)/5000))/8, -(25\pi \cos((89\pi)/400) \cos((311\pi)/50000))/8, -$
 $(25\pi \cos((11\pi)/50) \cos((39\pi)/6250))/8, -(25\pi \cos((87\pi)/400) \cos((313\pi)/50000))/8, -$
 $(25\pi \cos((43\pi)/200) \cos((157\pi)/25000))/8, -(25\pi \cos((17\pi)/80) \cos((63\pi)/10000))/8, -$
 $(25\pi \cos((21\pi)/100) \cos((79\pi)/12500))/8, -(25\pi \cos((83\pi)/400) \cos((317\pi)/50000))/8, -$
 $(25\pi \cos((41\pi)/200) \cos((159\pi)/25000))/8, -(25\pi \cos((81\pi)/400) \cos((319\pi)/50000))/8, -$
 $(25\pi \cos((4\pi)/625) \cdot (5^{1/2}/4 + 1/4))/8, -(25\pi \cos((79\pi)/400) \cos((321\pi)/50000))/8, -$
 $(25\pi \cos((39\pi)/200) \cos((161\pi)/25000))/8, -(25\pi \cos((77\pi)/400) \cos((323\pi)/50000))/8, -$
 $(25\pi \cos((19\pi)/100) \cos((81\pi)/12500))/8, -(25\pi \cos((3\pi)/16) \cos((13\pi)/2000))/8, -$
 $(25\pi \cos((37\pi)/200) \cos((163\pi)/25000))/8, -(25\pi \cos((73\pi)/400) \cos((327\pi)/50000))/8, -$
 $(25\pi \cos((9\pi)/50) \cos((41\pi)/6250))/8, -(25\pi \cos((71\pi)/400) \cos((329\pi)/50000))/8, -$
 $(25\pi \cos((7\pi)/40) \cos((33\pi)/5000))/8, -(25\pi \cos((69\pi)/400) \cos((331\pi)/50000))/8, -$
 $(25\pi \cos((17\pi)/100) \cos((83\pi)/12500))/8, -(25\pi \cos((67\pi)/400) \cos((333\pi)/50000))/8, -$
 $(25\pi \cos((33\pi)/200) \cos((167\pi)/25000))/8, -(25\pi \cos((13\pi)/80) \cos((67\pi)/10000))/8, -$
 $(25\pi \cos((4\pi)/25) \cos((21\pi)/3125))/8, -(25\pi \cos((63\pi)/400) \cos((337\pi)/50000))/8, -$
 $(25\pi \cos((31\pi)/200) \cos((169\pi)/25000))/8, -(25\pi \cos((61\pi)/400) \cos((339\pi)/50000))/8, -$
 $(25\pi \cos((3\pi)/20) \cos((17\pi)/2500))/8, -(25\pi \cos((59\pi)/400) \cos((341\pi)/50000))/8, -$
 $(25\pi \cos((29\pi)/200) \cos((171\pi)/25000))/8, -(25\pi \cos((57\pi)/400) \cos((343\pi)/50000))/8, -$

$(25\pi \cos(31\pi/400) \cos(431\pi/50000))/8, -(25\pi \cos(2\pi/25) \cos(27\pi/3125))/8, -$
 $(25\pi \cos(33\pi/400) \cos(433\pi/50000))/8, -(25\pi \cos(17\pi/200) \cos(217\pi/25000))/8, -$
 $(25\pi \cos(7\pi/80) \cos(87\pi/10000))/8, -(25\pi \cos(9\pi/100) \cos(109\pi/12500))/8, -$
 $(25\pi \cos(37\pi/400) \cos(437\pi/50000))/8, -(25\pi \cos(19\pi/200) \cos(219\pi/25000))/8, -$
 $(25\pi \cos(39\pi/400) \cos(439\pi/50000))/8, -(25 \cdot 2^{1/2} \pi \cos(11\pi/1250) \cdot (5^{1/2} +$
 $5)^{1/2})/32, -(25\pi \cos(41\pi/400) \cos(441\pi/50000))/8, -$
 $(25\pi \cos(21\pi/200) \cos(221\pi/25000))/8, -(25\pi \cos(43\pi/400) \cos(443\pi/50000))/8, -$
 $(25\pi \cos(11\pi/100) \cos(111\pi/12500))/8, -(25\pi \cos(9\pi/80) \cos(89\pi/10000))/8, -$
 $(25\pi \cos(23\pi/200) \cos(223\pi/25000))/8, -(25\pi \cos(47\pi/400) \cos(447\pi/50000))/8, -$
 $(25\pi \cos(3\pi/25) \cos(28\pi/3125))/8, -(25\pi \cos(49\pi/400) \cos(449\pi/50000))/8, -$
 $(25\pi \cos(9\pi/1000) \cdot (2^{1/2} + 2)^{1/2})/16, -(25\pi \cos(51\pi/400) \cos(451\pi/50000))/8, -$
 $(25\pi \cos(13\pi/100) \cos(113\pi/12500))/8, -(25\pi \cos(53\pi/400) \cos(453\pi/50000))/8, -$
 $(25\pi \cos(27\pi/200) \cos(227\pi/25000))/8, -(25\pi \cos(11\pi/80) \cos(91\pi/10000))/8, -$
 $(25\pi \cos(7\pi/50) \cos(57\pi/6250))/8, -(25\pi \cos(57\pi/400) \cos(457\pi/50000))/8, -$
 $(25\pi \cos(29\pi/200) \cos(229\pi/25000))/8, -(25\pi \cos(59\pi/400) \cos(459\pi/50000))/8, -$
 $(25\pi \cos(3\pi/20) \cos(23\pi/2500))/8, -(25\pi \cos(61\pi/400) \cos(461\pi/50000))/8, -$
 $(25\pi \cos(31\pi/200) \cos(231\pi/25000))/8, -(25\pi \cos(63\pi/400) \cos(463\pi/50000))/8, -$
 $(25\pi \cos(4\pi/25) \cos(29\pi/3125))/8, -(25\pi \cos(13\pi/80) \cos(93\pi/10000))/8, -$
 $(25\pi \cos(33\pi/200) \cos(233\pi/25000))/8, -(25\pi \cos(67\pi/400) \cos(467\pi/50000))/8, -$
 $(25\pi \cos(17\pi/100) \cos(117\pi/12500))/8, -(25\pi \cos(69\pi/400) \cos(469\pi/50000))/8, -$
 $(25\pi \cos(7\pi/40) \cos(47\pi/5000))/8, -(25\pi \cos(71\pi/400) \cos(471\pi/50000))/8, -$
 $(25\pi \cos(9\pi/50) \cos(59\pi/6250))/8, -(25\pi \cos(73\pi/400) \cos(473\pi/50000))/8, -$
 $(25\pi \cos(37\pi/200) \cos(237\pi/25000))/8, -(25\pi \cos(3\pi/16) \cos(19\pi/2000))/8, -$
 $(25\pi \cos(19\pi/100) \cos(119\pi/12500))/8, -(25\pi \cos(77\pi/400) \cos(477\pi/50000))/8, -$
 $(25\pi \cos(39\pi/200) \cos(239\pi/25000))/8, -(25\pi \cos(79\pi/400) \cos(479\pi/50000))/8, -$
 $(25\pi \cos(6\pi/625) \cdot (5^{1/2}/4 + 1/4))/8, -(25\pi \cos(81\pi/400) \cos(481\pi/50000))/8, -$
 $(25\pi \cos(41\pi/200) \cos(241\pi/25000))/8, -(25\pi \cos(83\pi/400) \cos(483\pi/50000))/8, -$
 $(25\pi \cos(21\pi/100) \cos(121\pi/12500))/8, -(25\pi \cos(17\pi/80) \cos(97\pi/10000))/8, -$
 $(25\pi \cos(43\pi/200) \cos(243\pi/25000))/8, -(25\pi \cos(87\pi/400) \cos(487\pi/50000))/8, -$
 $(25\pi \cos(11\pi/50) \cos(61\pi/6250))/8, -(25\pi \cos(89\pi/400) \cos(489\pi/50000))/8, -$
 $(25\pi \cos(9\pi/40) \cos(49\pi/5000))/8, -(25\pi \cos(91\pi/400) \cos(491\pi/50000))/8, -$
 $(25\pi \cos(23\pi/100) \cos(123\pi/12500))/8, -(25\pi \cos(93\pi/400) \cos(493\pi/50000))/8, -$
 $(25\pi \cos(47\pi/200) \cos(247\pi/25000))/8, -(25\pi \cos(19\pi/80) \cos(99\pi/10000))/8, -$
 $(25\pi \cos(6\pi/25) \cos(31\pi/3125))/8, -(25\pi \cos(97\pi/400) \cos(497\pi/50000))/8, -$
 $(25\pi \cos(49\pi/200) \cos(249\pi/25000))/8, -(25\pi \cos(99\pi/400) \cos(499\pi/50000))/8, -$
 $(25 \cdot 2^{1/2} \pi \cos(\pi/100))/16, -(25\pi \cos(101\pi/400) \cos(501\pi/50000))/8, -$
 $(25\pi \cos(51\pi/200) \cos(251\pi/25000))/8, -(25\pi \cos(103\pi/400) \cos(503\pi/50000))/8, -$
 $(25\pi \cos(13\pi/50) \cos(63\pi/6250))/8, -(25\pi \cos(21\pi/80) \cos(101\pi/10000))/8, -$
 $(25\pi \cos(53\pi/200) \cos(253\pi/25000))/8, -(25\pi \cos(107\pi/400) \cos(507\pi/50000))/8, -$
 $(25\pi \cos(27\pi/100) \cos(127\pi/12500))/8, -(25\pi \cos(109\pi/400) \cos(509\pi/50000))/8, -$
 $(25\pi \cos(11\pi/40) \cos(51\pi/5000))/8, -(25\pi \cos(111\pi/400) \cos(511\pi/50000))/8, -$
 $(25\pi \cos(7\pi/25) \cos(32\pi/3125))/8, -(25\pi \cos(113\pi/400) \cos(513\pi/50000))/8, -$
 $(25\pi \cos(57\pi/200) \cos(257\pi/25000))/8, -(25\pi \cos(23\pi/80) \cos(103\pi/10000))/8, -$
 $(25\pi \cos(29\pi/100) \cos(129\pi/12500))/8, -(25\pi \cos(117\pi/400) \cos(517\pi/50000))/8, -$

$(25\pi \cos(39\pi/80) \cos(121\pi/10000))/8, (25\pi \cos(97\pi/200) \cos(303\pi/25000))/8,$
 $(25\pi \cos(193\pi/400) \cos(607\pi/50000))/8, (25\pi \cos(12\pi/25) \cos(38\pi/3125))/8,$
 $(25\pi \cos(191\pi/400) \cos(609\pi/50000))/8, (25\pi \cos(19\pi/40) \cos(61\pi/5000))/8,$
 $(25\pi \cos(189\pi/400) \cos(611\pi/50000))/8, (25\pi \cos(47\pi/100) \cos(153\pi/12500))/8,$
 $(25\pi \cos(187\pi/400) \cos(613\pi/50000))/8, (25\pi \cos(93\pi/200) \cos(307\pi/25000))/8,$
 $(25\pi \cos(37\pi/80) \cos(123\pi/10000))/8, (25\pi \cos(23\pi/50) \cos(77\pi/6250))/8,$
 $(25\pi \cos(183\pi/400) \cos(617\pi/50000))/8, (25\pi \cos(91\pi/200) \cos(309\pi/25000))/8,$
 $(25\pi \cos(181\pi/400) \cos(619\pi/50000))/8, (25\pi \cos(9\pi/20) \cos(31\pi/2500))/8,$
 $(25\pi \cos(179\pi/400) \cos(621\pi/50000))/8, (25\pi \cos(89\pi/200) \cos(311\pi/25000))/8,$
 $(25\pi \cos(177\pi/400) \cos(623\pi/50000))/8, (25\pi \cos(11\pi/25) \cos(39\pi/3125))/8,$
 $(25\pi \cos(7\pi/16) \cos(\pi/80))/8, (25\pi \cos(87\pi/200) \cos(313\pi/25000))/8,$
 $(25\pi \cos(173\pi/400) \cos(627\pi/50000))/8, (25\pi \cos(43\pi/100) \cos(157\pi/12500))/8,$
 $(25\pi \cos(171\pi/400) \cos(629\pi/50000))/8, (25\pi \cos(17\pi/40) \cos(63\pi/5000))/8,$
 $(25\pi \cos(169\pi/400) \cos(631\pi/50000))/8, (25\pi \cos(21\pi/50) \cos(79\pi/6250))/8,$
 $(25\pi \cos(167\pi/400) \cos(633\pi/50000))/8, (25\pi \cos(83\pi/200) \cos(317\pi/25000))/8,$
 $(25\pi \cos(33\pi/80) \cos(127\pi/10000))/8, (25\pi \cos(41\pi/100) \cos(159\pi/12500))/8,$
 $(25\pi \cos(163\pi/400) \cos(637\pi/50000))/8, (25\pi \cos(81\pi/200) \cos(319\pi/25000))/8,$
 $(25\pi \cos(161\pi/400) \cos(639\pi/50000))/8, (25\pi \cos(8\pi/625) (5^{1/2}/4 - 1/4))/8,$
 $(25\pi \cos(159\pi/400) \cos(641\pi/50000))/8, (25\pi \cos(79\pi/200) \cos(321\pi/25000))/8,$
 $(25\pi \cos(157\pi/400) \cos(643\pi/50000))/8, (25\pi \cos(39\pi/100) \cos(161\pi/12500))/8,$
 $(25\pi \cos(31\pi/80) \cos(129\pi/10000))/8, (25\pi \cos(77\pi/200) \cos(323\pi/25000))/8,$
 $(25\pi \cos(153\pi/400) \cos(647\pi/50000))/8, (25\pi \cos(19\pi/50) \cos(81\pi/6250))/8,$
 $(25\pi \cos(151\pi/400) \cos(649\pi/50000))/8, (25\pi \cos(13\pi/1000) (2 - 2^{1/2})^{1/2})/16,$
 $(25\pi \cos(149\pi/400) \cos(651\pi/50000))/8, (25\pi \cos(37\pi/100) \cos(163\pi/12500))/8,$
 $(25\pi \cos(147\pi/400) \cos(653\pi/50000))/8, (25\pi \cos(73\pi/200) \cos(327\pi/25000))/8,$
 $(25\pi \cos(29\pi/80) \cos(131\pi/10000))/8, (25\pi \cos(9\pi/25) \cos(41\pi/3125))/8,$
 $(25\pi \cos(143\pi/400) \cos(657\pi/50000))/8, (25\pi \cos(71\pi/200) \cos(329\pi/25000))/8,$
 $(25\pi \cos(141\pi/400) \cos(659\pi/50000))/8, (25\pi \cos(7\pi/20) \cos(33\pi/2500))/8,$
 $(25\pi \cos(139\pi/400) \cos(661\pi/50000))/8, (25\pi \cos(69\pi/200) \cos(331\pi/25000))/8,$
 $(25\pi \cos(137\pi/400) \cos(663\pi/50000))/8, (25\pi \cos(17\pi/50) \cos(83\pi/6250))/8,$
 $(25\pi \cos(27\pi/80) \cos(133\pi/10000))/8, (25\pi \cos(67\pi/200) \cos(333\pi/25000))/8,$
 $(25\pi \cos(133\pi/400) \cos(667\pi/50000))/8, (25\pi \cos(33\pi/100) \cos(167\pi/12500))/8,$
 $(25\pi \cos(131\pi/400) \cos(669\pi/50000))/8, (25\pi \cos(13\pi/40) \cos(67\pi/5000))/8,$
 $(25\pi \cos(129\pi/400) \cos(671\pi/50000))/8, (25\pi \cos(8\pi/25) \cos(42\pi/3125))/8,$
 $(25\pi \cos(127\pi/400) \cos(673\pi/50000))/8, (25\pi \cos(63\pi/200) \cos(337\pi/25000))/8,$
 $(25\pi \cos(5\pi/16) \cos(27\pi/2000))/8, (25\pi \cos(31\pi/100) \cos(169\pi/12500))/8,$
 $(25\pi \cos(123\pi/400) \cos(677\pi/50000))/8, (25\pi \cos(61\pi/200) \cos(339\pi/25000))/8,$
 $(25\pi \cos(121\pi/400) \cos(679\pi/50000))/8, (25 \cdot 2^{1/2} \pi \cos(17\pi/1250) (5 -$
 $5^{1/2})^{1/2})/32, (25\pi \cos(119\pi/400) \cos(681\pi/50000))/8,$
 $(25\pi \cos(59\pi/200) \cos(341\pi/25000))/8, (25\pi \cos(117\pi/400) \cos(683\pi/50000))/8,$
 $(25\pi \cos(29\pi/100) \cos(171\pi/12500))/8, (25\pi \cos(23\pi/80) \cos(137\pi/10000))/8,$
 $(25\pi \cos(57\pi/200) \cos(343\pi/25000))/8, (25\pi \cos(113\pi/400) \cos(687\pi/50000))/8,$
 $(25\pi \cos(7\pi/25) \cos(43\pi/3125))/8, (25\pi \cos(111\pi/400) \cos(689\pi/50000))/8,$
 $(25\pi \cos(11\pi/40) \cos(69\pi/5000))/8, (25\pi \cos(109\pi/400) \cos(691\pi/50000))/8,$

$(25 \cdot \pi \cdot \cos((27 \cdot \pi)/100) \cdot \cos((173 \cdot \pi)/12500))/8, (25 \cdot \pi \cdot \cos((107 \cdot \pi)/4...)$ Output truncated. Text exceeds maximum line length for Command Window display.

>>

