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16/ENG06/006

MECHANICAL ENGINEERING

ENG 281 ASSIGNMENT

```
commandwindow

clear

clc

clear all
syms t
Q=0.25*sin(25*pi*t)
V=0.5*cos(0.2*pi*t)
k=[0:0.0001:0.35]
Qp=subs(Q,k)
Vp=subs(V,k)
current=Q/t
I=diff(Q)
n=subs(I,k)
Power=I*V
pn=subs(Power,k)
figure(1)
xlabel('Time(s)')
ylabel('Variable')
plot(k,n,k,pn)
plot(k,n,'red',k,pn,'blue')
axis tight
grid on
grid minor
legend('Current (A)', 'Power (W)')
```

Q =

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

V =

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

k =

Columns 1 through 7

0    0.0001    0.0002    0.0003    0.0004    0.0005    0.0006

Columns 8 through 14

0.0007    0.0008    0.0009    0.0010    0.0011    0.0012    0.0013

Columns 15 through 21

0.0014    0.0015    0.0016    0.0017    0.0018    0.0019    0.0020

Columns 22 through 28

0.0021    0.0022    0.0023    0.0024    0.0025    0.0026    0.0027

Columns 29 through 35

0.0028 0.0029 0.0030 0.0031 0.0032 0.0033 0.0034

Columns 36 through 42

0.0035 0.0036 0.0037 0.0038 0.0039 0.0040 0.0041

Columns 43 through 49

0.0042 0.0043 0.0044 0.0045 0.0046 0.0047 0.0048

Columns 50 through 56

0.0049 0.0050 0.0051 0.0052 0.0053 0.0054 0.0055

Columns 57 through 63

0.0056 0.0057 0.0058 0.0059 0.0060 0.0061 0.0062

Columns 64 through 70

0.0063 0.0064 0.0065 0.0066 0.0067 0.0068 0.0069

Columns 71 through 77

0.0070 0.0071 0.0072 0.0073 0.0074 0.0075 0.0076

Columns 78 through 84

0.0077 0.0078 0.0079 0.0080 0.0081 0.0082 0.0083

Columns 85 through 91

0.0084 0.0085 0.0086 0.0087 0.0088 0.0089 0.0090

Columns 92 through 98

0.0091 0.0092 0.0093 0.0094 0.0095 0.0096 0.0097

Columns 99 through 105

0.0098 0.0099 0.0100 0.0101 0.0102 0.0103 0.0104

Columns 106 through 112

0.0105 0.0106 0.0107 0.0108 0.0109 0.0110 0.0111

Columns 113 through 119

0.0112 0.0113 0.0114 0.0115 0.0116 0.0117 0.0118

Columns 120 through 126

0.0119 0.0120 0.0121 0.0122 0.0123 0.0124 0.0125

Columns 127 through 133

0.0126 0.0127 0.0128 0.0129 0.0130 0.0131 0.0132

Columns 134 through 140

0.0133 0.0134 0.0135 0.0136 0.0137 0.0138 0.0139

Columns 141 through 147

0.0140 0.0141 0.0142 0.0143 0.0144 0.0145 0.0146

Columns 148 through 154

0.0147 0.0148 0.0149 0.0150 0.0151 0.0152 0.0153

Columns 155 through 161

0.0154 0.0155 0.0156 0.0157 0.0158 0.0159 0.0160

Columns 162 through 168

0.0161 0.0162 0.0163 0.0164 0.0165 0.0166 0.0167

Columns 169 through 175

0.0168 0.0169 0.0170 0.0171 0.0172 0.0173 0.0174

Columns 176 through 182

0.0175 0.0176 0.0177 0.0178 0.0179 0.0180 0.0181

Columns 183 through 189

0.0182 0.0183 0.0184 0.0185 0.0186 0.0187 0.0188

Columns 190 through 196

0.0189 0.0190 0.0191 0.0192 0.0193 0.0194 0.0195

Columns 197 through 203

0.0196 0.0197 0.0198 0.0199 0.0200 0.0201 0.0202

Columns 204 through 210

0.0203 0.0204 0.0205 0.0206 0.0207 0.0208 0.0209

Columns 211 through 217

0.0210 0.0211 0.0212 0.0213 0.0214 0.0215 0.0216

Columns 218 through 224

0.0217 0.0218 0.0219 0.0220 0.0221 0.0222 0.0223

Columns 225 through 231

0.0224 0.0225 0.0226 0.0227 0.0228 0.0229 0.0230

Columns 232 through 238

0.0231 0.0232 0.0233 0.0234 0.0235 0.0236 0.0237

Columns 239 through 245

0.0238 0.0239 0.0240 0.0241 0.0242 0.0243 0.0244

Columns 246 through 252

0.0245 0.0246 0.0247 0.0248 0.0249 0.0250 0.0251

Columns 253 through 259

0.0252 0.0253 0.0254 0.0255 0.0256 0.0257 0.0258

Columns 260 through 266

0.0259 0.0260 0.0261 0.0262 0.0263 0.0264 0.0265

Columns 267 through 273

0.0266 0.0267 0.0268 0.0269 0.0270 0.0271 0.0272

Columns 274 through 280

0.0273 0.0274 0.0275 0.0276 0.0277 0.0278 0.0279

Columns 281 through 287



0.0280 0.0281 0.0282 0.0283 0.0284 0.0285 0.0286

Columns 288 through 294

0.0287 0.0288 0.0289 0.0290 0.0291 0.0292 0.0293

Columns 295 through 301

0.0294 0.0295 0.0296 0.0297 0.0298 0.0299 0.0300

Columns 302 through 308

0.0301 0.0302 0.0303 0.0304 0.0305 0.0306 0.0307

Columns 309 through 315

0.0308 0.0309 0.0310 0.0311 0.0312 0.0313 0.0314

Columns 316 through 322

0.0315 0.0316 0.0317 0.0318 0.0319 0.0320 0.0321

Columns 323 through 329

0.0322 0.0323 0.0324 0.0325 0.0326 0.0327 0.0328

Columns 330 through 336

0.0329 0.0330 0.0331 0.0332 0.0333 0.0334 0.0335

Columns 337 through 343

0.0336 0.0337 0.0338 0.0339 0.0340 0.0341 0.0342

Columns 344 through 350

0.0343 0.0344 0.0345 0.0346 0.0347 0.0348 0.0349

Columns 351 through 357

0.0350 0.0351 0.0352 0.0353 0.0354 0.0355 0.0356

Columns 358 through 364

0.0357 0.0358 0.0359 0.0360 0.0361 0.0362 0.0363

Columns 365 through 371

0.0364 0.0365 0.0366 0.0367 0.0368 0.0369 0.0370

Columns 372 through 378

0.0371 0.0372 0.0373 0.0374 0.0375 0.0376 0.0377

Columns 379 through 385

0.0378 0.0379 0.0380 0.0381 0.0382 0.0383 0.0384

Columns 386 through 392

0.0385 0.0386 0.0387 0.0388 0.0389 0.0390 0.0391

Columns 393 through 399

0.0392 0.0393 0.0394 0.0395 0.0396 0.0397 0.0398

Columns 400 through 406

0.0399 0.0400 0.0401 0.0402 0.0403 0.0404 0.0405

Columns 407 through 413

0.0406 0.0407 0.0408 0.0409 0.0410 0.0411 0.0412

Columns 414 through 420

0.0413 0.0414 0.0415 0.0416 0.0417 0.0418 0.0419

Columns 421 through 427

0.0420 0.0421 0.0422 0.0423 0.0424 0.0425 0.0426

Columns 428 through 434

0.0427 0.0428 0.0429 0.0430 0.0431 0.0432 0.0433

Columns 435 through 441

0.0434 0.0435 0.0436 0.0437 0.0438 0.0439 0.0440

Columns 442 through 448

0.0441 0.0442 0.0443 0.0444 0.0445 0.0446 0.0447

Columns 449 through 455

0.0448 0.0449 0.0450 0.0451 0.0452 0.0453 0.0454

Columns 456 through 462

0.0455 0.0456 0.0457 0.0458 0.0459 0.0460 0.0461

Columns 463 through 469

0.0462 0.0463 0.0464 0.0465 0.0466 0.0467 0.0468

Columns 470 through 476

0.0469 0.0470 0.0471 0.0472 0.0473 0.0474 0.0475

Columns 477 through 483

0.0476 0.0477 0.0478 0.0479 0.0480 0.0481 0.0482

Columns 484 through 490

0.0483 0.0484 0.0485 0.0486 0.0487 0.0488 0.0489

Columns 491 through 497

0.0490 0.0491 0.0492 0.0493 0.0494 0.0495 0.0496

Columns 498 through 504

0.0497 0.0498 0.0499 0.0500 0.0501 0.0502 0.0503

Columns 505 through 511

0.0504 0.0505 0.0506 0.0507 0.0508 0.0509 0.0510

Columns 512 through 518

0.0511 0.0512 0.0513 0.0514 0.0515 0.0516 0.0517

Columns 519 through 525

0.0518 0.0519 0.0520 0.0521 0.0522 0.0523 0.0524

Columns 526 through 532

0.0525 0.0526 0.0527 0.0528 0.0529 0.0530 0.0531

Columns 533 through 539

0.0532 0.0533 0.0534 0.0535 0.0536 0.0537 0.0538

Columns 540 through 546

0.0539 0.0540 0.0541 0.0542 0.0543 0.0544 0.0545

Columns 547 through 553

0.0546 0.0547 0.0548 0.0549 0.0550 0.0551 0.0552

Columns 554 through 560

0.0553 0.0554 0.0555 0.0556 0.0557 0.0558 0.0559

Columns 561 through 567

0.0560 0.0561 0.0562 0.0563 0.0564 0.0565 0.0566

Columns 568 through 574

0.0567 0.0568 0.0569 0.0570 0.0571 0.0572 0.0573

Columns 575 through 581

0.0574 0.0575 0.0576 0.0577 0.0578 0.0579 0.0580

Columns 582 through 588

0.0581 0.0582 0.0583 0.0584 0.0585 0.0586 0.0587

Columns 589 through 595

0.0588 0.0589 0.0590 0.0591 0.0592 0.0593 0.0594

Columns 596 through 602

0.0595 0.0596 0.0597 0.0598 0.0599 0.0600 0.0601

Columns 603 through 609

0.0602 0.0603 0.0604 0.0605 0.0606 0.0607 0.0608

Columns 610 through 616

0.0609 0.0610 0.0611 0.0612 0.0613 0.0614 0.0615

Columns 617 through 623



0.0616 0.0617 0.0618 0.0619 0.0620 0.0621 0.0622

Columns 624 through 630

0.0623 0.0624 0.0625 0.0626 0.0627 0.0628 0.0629

Columns 631 through 637

0.0630 0.0631 0.0632 0.0633 0.0634 0.0635 0.0636

Columns 638 through 644

0.0637 0.0638 0.0639 0.0640 0.0641 0.0642 0.0643

Columns 645 through 651

0.0644 0.0645 0.0646 0.0647 0.0648 0.0649 0.0650

Columns 652 through 658

0.0651 0.0652 0.0653 0.0654 0.0655 0.0656 0.0657

Columns 659 through 665

0.0658 0.0659 0.0660 0.0661 0.0662 0.0663 0.0664

Columns 666 through 672

0.0665 0.0666 0.0667 0.0668 0.0669 0.0670 0.0671

Columns 673 through 679

0.0672 0.0673 0.0674 0.0675 0.0676 0.0677 0.0678

Columns 680 through 686

0.0679 0.0680 0.0681 0.0682 0.0683 0.0684 0.0685

Columns 687 through 693

0.0686 0.0687 0.0688 0.0689 0.0690 0.0691 0.0692

Columns 694 through 700

0.0693 0.0694 0.0695 0.0696 0.0697 0.0698 0.0699

Columns 701 through 707

0.0700 0.0701 0.0702 0.0703 0.0704 0.0705 0.0706

Columns 708 through 714

0.0707 0.0708 0.0709 0.0710 0.0711 0.0712 0.0713

Columns 715 through 721

0.0714 0.0715 0.0716 0.0717 0.0718 0.0719 0.0720

Columns 722 through 728

0.0721 0.0722 0.0723 0.0724 0.0725 0.0726 0.0727

Columns 729 through 735

0.0728 0.0729 0.0730 0.0731 0.0732 0.0733 0.0734

Columns 736 through 742

0.0735 0.0736 0.0737 0.0738 0.0739 0.0740 0.0741

Columns 743 through 749

0.0742 0.0743 0.0744 0.0745 0.0746 0.0747 0.0748

Columns 750 through 756

0.0749 0.0750 0.0751 0.0752 0.0753 0.0754 0.0755

Columns 757 through 763

0.0756 0.0757 0.0758 0.0759 0.0760 0.0761 0.0762

Columns 764 through 770

0.0763 0.0764 0.0765 0.0766 0.0767 0.0768 0.0769

Columns 771 through 777

0.0770 0.0771 0.0772 0.0773 0.0774 0.0775 0.0776

Columns 778 through 784

0.0777 0.0778 0.0779 0.0780 0.0781 0.0782 0.0783

Columns 785 through 791

0.0784 0.0785 0.0786 0.0787 0.0788 0.0789 0.0790

Columns 792 through 798

0.0791 0.0792 0.0793 0.0794 0.0795 0.0796 0.0797

Columns 799 through 805

0.0798 0.0799 0.0800 0.0801 0.0802 0.0803 0.0804

Columns 806 through 812

0.0805 0.0806 0.0807 0.0808 0.0809 0.0810 0.0811

Columns 813 through 819

0.0812 0.0813 0.0814 0.0815 0.0816 0.0817 0.0818

Columns 820 through 826

0.0819 0.0820 0.0821 0.0822 0.0823 0.0824 0.0825

Columns 827 through 833

0.0826 0.0827 0.0828 0.0829 0.0830 0.0831 0.0832

Columns 834 through 840

0.0833 0.0834 0.0835 0.0836 0.0837 0.0838 0.0839

Columns 841 through 847

0.0840 0.0841 0.0842 0.0843 0.0844 0.0845 0.0846

Columns 848 through 854

0.0847 0.0848 0.0849 0.0850 0.0851 0.0852 0.0853

Columns 855 through 861

0.0854 0.0855 0.0856 0.0857 0.0858 0.0859 0.0860

Columns 862 through 868

0.0861 0.0862 0.0863 0.0864 0.0865 0.0866 0.0867

Columns 869 through 875

0.0868 0.0869 0.0870 0.0871 0.0872 0.0873 0.0874

Columns 876 through 882

0.0875 0.0876 0.0877 0.0878 0.0879 0.0880 0.0881

Columns 883 through 889

0.0882 0.0883 0.0884 0.0885 0.0886 0.0887 0.0888

Columns 890 through 896

0.0889 0.0890 0.0891 0.0892 0.0893 0.0894 0.0895

Columns 897 through 903

0.0896 0.0897 0.0898 0.0899 0.0900 0.0901 0.0902

Columns 904 through 910

0.0903 0.0904 0.0905 0.0906 0.0907 0.0908 0.0909

Columns 911 through 917

0.0910 0.0911 0.0912 0.0913 0.0914 0.0915 0.0916

Columns 918 through 924

0.0917 0.0918 0.0919 0.0920 0.0921 0.0922 0.0923

Columns 925 through 931

0.0924 0.0925 0.0926 0.0927 0.0928 0.0929 0.0930

Columns 932 through 938

0.0931 0.0932 0.0933 0.0934 0.0935 0.0936 0.0937

Columns 939 through 945

0.0938 0.0939 0.0940 0.0941 0.0942 0.0943 0.0944

Columns 946 through 952

0.0945 0.0946 0.0947 0.0948 0.0949 0.0950 0.0951

Columns 953 through 959



0.0952 0.0953 0.0954 0.0955 0.0956 0.0957 0.0958

Columns 960 through 966

0.0959 0.0960 0.0961 0.0962 0.0963 0.0964 0.0965

Columns 967 through 973

0.0966 0.0967 0.0968 0.0969 0.0970 0.0971 0.0972

Columns 974 through 980

0.0973 0.0974 0.0975 0.0976 0.0977 0.0978 0.0979

Columns 981 through 987

0.0980 0.0981 0.0982 0.0983 0.0984 0.0985 0.0986

Columns 988 through 994

0.0987 0.0988 0.0989 0.0990 0.0991 0.0992 0.0993

Columns 995 through 1001

0.0994 0.0995 0.0996 0.0997 0.0998 0.0999 0.1000

Columns 1002 through 1008

0.1001 0.1002 0.1003 0.1004 0.1005 0.1006 0.1007

Columns 1009 through 1015

0.1008 0.1009 0.1010 0.1011 0.1012 0.1013 0.1014

Columns 1016 through 1022

0.1015 0.1016 0.1017 0.1018 0.1019 0.1020 0.1021

Columns 1023 through 1029

0.1022 0.1023 0.1024 0.1025 0.1026 0.1027 0.1028

Columns 1030 through 1036

0.1029 0.1030 0.1031 0.1032 0.1033 0.1034 0.1035

Columns 1037 through 1043

0.1036 0.1037 0.1038 0.1039 0.1040 0.1041 0.1042

Columns 1044 through 1050

0.1043 0.1044 0.1045 0.1046 0.1047 0.1048 0.1049

Columns 1051 through 1057

0.1050 0.1051 0.1052 0.1053 0.1054 0.1055 0.1056

Columns 1058 through 1064

0.1057 0.1058 0.1059 0.1060 0.1061 0.1062 0.1063

Columns 1065 through 1071

0.1064 0.1065 0.1066 0.1067 0.1068 0.1069 0.1070

Columns 1072 through 1078

0.1071 0.1072 0.1073 0.1074 0.1075 0.1076 0.1077

Columns 1079 through 1085

0.1078 0.1079 0.1080 0.1081 0.1082 0.1083 0.1084

Columns 1086 through 1092

0.1085 0.1086 0.1087 0.1088 0.1089 0.1090 0.1091

Columns 1093 through 1099

0.1092 0.1093 0.1094 0.1095 0.1096 0.1097 0.1098

Columns 1100 through 1106

0.1099 0.1100 0.1101 0.1102 0.1103 0.1104 0.1105

Columns 1107 through 1113

0.1106 0.1107 0.1108 0.1109 0.1110 0.1111 0.1112

Columns 1114 through 1120

0.1113 0.1114 0.1115 0.1116 0.1117 0.1118 0.1119

Columns 1121 through 1127

0.1120 0.1121 0.1122 0.1123 0.1124 0.1125 0.1126

Columns 1128 through 1134

0.1127 0.1128 0.1129 0.1130 0.1131 0.1132 0.1133

Columns 1135 through 1141

0.1134 0.1135 0.1136 0.1137 0.1138 0.1139 0.1140

Columns 1142 through 1148

0.1141 0.1142 0.1143 0.1144 0.1145 0.1146 0.1147

Columns 1149 through 1155

0.1148 0.1149 0.1150 0.1151 0.1152 0.1153 0.1154

Columns 1156 through 1162

0.1155 0.1156 0.1157 0.1158 0.1159 0.1160 0.1161

Columns 1163 through 1169

0.1162 0.1163 0.1164 0.1165 0.1166 0.1167 0.1168

Columns 1170 through 1176

0.1169 0.1170 0.1171 0.1172 0.1173 0.1174 0.1175

Columns 1177 through 1183

0.1176 0.1177 0.1178 0.1179 0.1180 0.1181 0.1182

Columns 1184 through 1190

0.1183 0.1184 0.1185 0.1186 0.1187 0.1188 0.1189

Columns 1191 through 1197

0.1190 0.1191 0.1192 0.1193 0.1194 0.1195 0.1196

Columns 1198 through 1204

0.1197 0.1198 0.1199 0.1200 0.1201 0.1202 0.1203

Columns 1205 through 1211

0.1204 0.1205 0.1206 0.1207 0.1208 0.1209 0.1210

Columns 1212 through 1218

0.1211 0.1212 0.1213 0.1214 0.1215 0.1216 0.1217

Columns 1219 through 1225

0.1218 0.1219 0.1220 0.1221 0.1222 0.1223 0.1224

Columns 1226 through 1232

0.1225 0.1226 0.1227 0.1228 0.1229 0.1230 0.1231

Columns 1233 through 1239

0.1232 0.1233 0.1234 0.1235 0.1236 0.1237 0.1238

Columns 1240 through 1246

0.1239 0.1240 0.1241 0.1242 0.1243 0.1244 0.1245

Columns 1247 through 1253

0.1246 0.1247 0.1248 0.1249 0.1250 0.1251 0.1252

Columns 1254 through 1260

0.1253 0.1254 0.1255 0.1256 0.1257 0.1258 0.1259

Columns 1261 through 1267

0.1260 0.1261 0.1262 0.1263 0.1264 0.1265 0.1266

Columns 1268 through 1274

0.1267 0.1268 0.1269 0.1270 0.1271 0.1272 0.1273

Columns 1275 through 1281

0.1274 0.1275 0.1276 0.1277 0.1278 0.1279 0.1280

Columns 1282 through 1288

0.1281 0.1282 0.1283 0.1284 0.1285 0.1286 0.1287

Columns 1289 through 1295



0.1288 0.1289 0.1290 0.1291 0.1292 0.1293 0.1294

Columns 1296 through 1302

0.1295 0.1296 0.1297 0.1298 0.1299 0.1300 0.1301

Columns 1303 through 1309

0.1302 0.1303 0.1304 0.1305 0.1306 0.1307 0.1308

Columns 1310 through 1316

0.1309 0.1310 0.1311 0.1312 0.1313 0.1314 0.1315

Columns 1317 through 1323

0.1316 0.1317 0.1318 0.1319 0.1320 0.1321 0.1322

Columns 1324 through 1330

0.1323 0.1324 0.1325 0.1326 0.1327 0.1328 0.1329

Columns 1331 through 1337

0.1330 0.1331 0.1332 0.1333 0.1334 0.1335 0.1336

Columns 1338 through 1344

0.1337 0.1338 0.1339 0.1340 0.1341 0.1342 0.1343

Columns 1345 through 1351

0.1344 0.1345 0.1346 0.1347 0.1348 0.1349 0.1350

Columns 1352 through 1358

0.1351 0.1352 0.1353 0.1354 0.1355 0.1356 0.1357

Columns 1359 through 1365

0.1358 0.1359 0.1360 0.1361 0.1362 0.1363 0.1364

Columns 1366 through 1372

0.1365 0.1366 0.1367 0.1368 0.1369 0.1370 0.1371

Columns 1373 through 1379

0.1372 0.1373 0.1374 0.1375 0.1376 0.1377 0.1378

Columns 1380 through 1386

0.1379 0.1380 0.1381 0.1382 0.1383 0.1384 0.1385

Columns 1387 through 1393

0.1386 0.1387 0.1388 0.1389 0.1390 0.1391 0.1392

Columns 1394 through 1400

0.1393 0.1394 0.1395 0.1396 0.1397 0.1398 0.1399

Columns 1401 through 1407

0.1400 0.1401 0.1402 0.1403 0.1404 0.1405 0.1406

Columns 1408 through 1414

0.1407 0.1408 0.1409 0.1410 0.1411 0.1412 0.1413

Columns 1415 through 1421

0.1414 0.1415 0.1416 0.1417 0.1418 0.1419 0.1420

Columns 1422 through 1428

0.1421 0.1422 0.1423 0.1424 0.1425 0.1426 0.1427

Columns 1429 through 1435

0.1428 0.1429 0.1430 0.1431 0.1432 0.1433 0.1434

Columns 1436 through 1442

0.1435 0.1436 0.1437 0.1438 0.1439 0.1440 0.1441

Columns 1443 through 1449

0.1442 0.1443 0.1444 0.1445 0.1446 0.1447 0.1448

Columns 1450 through 1456

0.1449 0.1450 0.1451 0.1452 0.1453 0.1454 0.1455

Columns 1457 through 1463

0.1456 0.1457 0.1458 0.1459 0.1460 0.1461 0.1462

Columns 1464 through 1470

0.1463 0.1464 0.1465 0.1466 0.1467 0.1468 0.1469

Columns 1471 through 1477

0.1470 0.1471 0.1472 0.1473 0.1474 0.1475 0.1476

Columns 1478 through 1484

0.1477 0.1478 0.1479 0.1480 0.1481 0.1482 0.1483

Columns 1485 through 1491

0.1484 0.1485 0.1486 0.1487 0.1488 0.1489 0.1490

Columns 1492 through 1498

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Columns 1499 through 1505

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Columns 1562 through 1568

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Columns 1569 through 1575

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Columns 1590 through 1596

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Columns 1597 through 1603

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Columns 1639 through 1645

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Columns 1688 through 1694

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Columns 1695 through 1701

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Columns 1793 through 1799

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Columns 1800 through 1806

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Columns 1807 through 1813

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Columns 1814 through 1820

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Columns 1835 through 1841

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Columns 1842 through 1848

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Columns 1849 through 1855

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Columns 1856 through 1862

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Columns 1863 through 1869

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Columns 1870 through 1876

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Columns 1877 through 1883

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Columns 1884 through 1890

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Columns 1891 through 1897

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Columns 1898 through 1904

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Columns 1905 through 1911

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Columns 1912 through 1918

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Columns 1919 through 1925

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Columns 1926 through 1932

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Columns 1933 through 1939

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Columns 1940 through 1946

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Columns 1947 through 1953

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Columns 1954 through 1960

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Columns 1961 through 1967



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Columns 1968 through 1974

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Columns 1975 through 1981

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Columns 1982 through 1988

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Columns 1989 through 1995

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Columns 1996 through 2002

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Columns 2003 through 2009

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Columns 2010 through 2016

0.2009 0.2010 0.2011 0.2012 0.2013 0.2014 0.2015

Columns 2017 through 2023

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Columns 2024 through 2030

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Columns 2031 through 2037

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Columns 2038 through 2044

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Columns 2045 through 2051

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Columns 2052 through 2058

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Columns 2059 through 2065

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Columns 2066 through 2072

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Columns 2073 through 2079

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Columns 2080 through 2086

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Columns 2087 through 2093

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Columns 2094 through 2100

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Columns 2101 through 2107

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Columns 2108 through 2114

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Columns 2115 through 2121

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Columns 2122 through 2128

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Columns 2129 through 2135

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Columns 2136 through 2142

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Columns 2143 through 2149

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Columns 2150 through 2156

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Columns 2157 through 2163

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Columns 2164 through 2170

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Columns 2171 through 2177

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Columns 2178 through 2184

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Columns 2185 through 2191

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Columns 2192 through 2198

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Columns 2199 through 2205

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Columns 2206 through 2212

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Columns 2213 through 2219

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Columns 2220 through 2226

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Columns 2227 through 2233

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Columns 2234 through 2240

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Columns 2241 through 2247

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Columns 2248 through 2254

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Columns 2255 through 2261

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Columns 2262 through 2268

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Columns 2269 through 2275

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Columns 2276 through 2282

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Columns 2283 through 2289

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Columns 2290 through 2296

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Columns 2297 through 2303



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Columns 2304 through 2310

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Columns 2311 through 2317

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Columns 2332 through 2338

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Columns 2339 through 2345

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Columns 2360 through 2366

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Columns 2367 through 2373

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Columns 2374 through 2380

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Columns 2381 through 2387

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Columns 2388 through 2394

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Columns 2451 through 2457

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Columns 2500 through 2506

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Columns 2598 through 2604

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Columns 2605 through 2611

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Columns 2689 through 2695

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Columns 2948 through 2954

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Columns 2969 through 2975



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Columns 2983 through 2989

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Columns 2990 through 2996

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Columns 2997 through 3003

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Columns 3004 through 3010

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Columns 3011 through 3017

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Columns 3018 through 3024

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Columns 3025 through 3031

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Columns 3053 through 3059

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Columns 3200 through 3206

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Columns 3277 through 3283

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Columns 3291 through 3297

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Columns 3298 through 3304

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Columns 3361 through 3367

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Columns 3389 through 3395

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Columns 3396 through 3402

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Columns 3403 through 3409

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Columns 3410 through 3416

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Columns 3438 through 3444

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Columns 3445 through 3451

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Columns 3452 through 3458

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Columns 3459 through 3465

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Columns 3466 through 3472

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Columns 3473 through 3479

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Columns 3480 through 3486

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Columns 3487 through 3493

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Columns 3494 through 3500

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Column 3501

0.3500

$Q_p =$

[ 0,  $\sin(\pi/400)/4$ ,  $\sin(\pi/200)/4$ ,  $\sin((3*\pi)/400)/4$ ,  $\sin(\pi/100)/4$ ,  $\sin(\pi/80)/4$ ,  
 $\sin((3*\pi)/200)/4$ ,  $\sin((7*\pi)/400)/4$ ,  $\sin(\pi/50)/4$ ,  $\sin((9*\pi)/400)/4$ ,  $\sin(\pi/40)/4$ ,  
 $\sin((11*\pi)/400)/4$ ,  $\sin((3*\pi)/100)/4$ ,  $\sin((13*\pi)/400)/4$ ,  $\sin((7*\pi)/200)/4$ ,

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



$\sin((7\pi)/16)/4, -\sin((87\pi)/200)/4, -\sin((173\pi)/400)/4, -\sin((43\pi)/100)/4, -$   
 $\sin((171\pi)/400)/4, -\sin((17\pi)/40)/4, -\sin((169\pi)/400)/4, -\sin((21\pi)/50)/4, -$   
 $\sin((167\pi)/400)/4, -\sin((83\pi)/200)/4, -\sin((33\pi)/80)/4, -\sin((41\pi)/100)/4, -$   
 $\sin((163\pi)/400)/4, -\sin((81\pi)/200)/4, -\sin((161\pi)/400)/4, -(2^{(1/2)}*5^{(1/2)} +$   
 $5^{(1/2)})/16, -\sin((159\pi)/400)/4, -\sin((79\pi)/200)/4, -\sin((157\pi)/400)/4, -$   
 $\sin((39\pi)/100)/4, -\sin((31\pi)/80)/4, -\sin((77\pi)/200)/4, -\sin((153\pi)/400)/4, -$   
 $\sin((19\pi)/50)/4, -\sin((151\pi)/400)/4, -(2^{(1/2)} + 2^{(1/2)})/8, -\sin((149\pi)/400)/4,$   
 $-\sin((37\pi)/100)/4, -\sin((147\pi)/400)/4, -\sin((73\pi)/200)/4, -\sin((29\pi)/80)/4, -$   
 $\sin((9\pi)/25)/4, -\sin((143\pi)/400)/4, -\sin((71\pi)/200)/4, -\sin((141\pi)/400)/4, -$   
 $\sin((7\pi)/20)/4, -\sin((139\pi)/400)/4, -\sin((69\pi)/200)/4, -\sin((137\pi)/400)/4, -$   
 $\sin((17\pi)/50)/4, -\sin((27\pi)/80)/4, -\sin((67\pi)/200)/4, -\sin((133\pi)/400)/4, -$   
 $\sin((33\pi)/100)/4, -\sin((131\pi)/400)/4, -\sin((13\pi)/40)/4, -\sin((129\pi)/400)/4, -$   
 $\sin((8\pi)/25)/4, -\sin((127\pi)/400)/4, -\sin((63\pi)/200)/4, -\sin((5\pi)/16)/4, -$   
 $\sin((31\pi)/100)/4, -\sin((123\pi)/400)/4, -\sin((61\pi)/200)/4, -\sin((121\pi)/400)/4, -$   
 $5^{(1/2)}/16 - 1/16, -\sin((119\pi)/400)/4, -\sin((59\pi)/200)/4, -\sin((117\pi)/400)/4, -$   
 $\sin((29\pi)/100)/4, -\sin((23\pi)/80)/4, -\sin((57\pi)/200)/4, -\sin((113\pi)/400)/4, -$   
 $\sin((7\pi)/25)/4, -\sin((111\pi)/400)/4, -\sin((11\pi)/40)/4, -\sin((109\pi)/400)/4, -$   
 $\sin((27\pi)/100)/4, -\sin((107\pi)/400)/4, -\sin((53\pi)/200)/4, -\sin((21\pi)/80)/4, -$   
 $\sin((13\pi)/50)/4, -\sin((103\pi)/400)/4, -\sin((51\pi)/200)/4, -\sin((101\pi)/400)/4, -$   
 $2^{(1/2)}/8, -\sin((99\pi)/400)/4, -\sin((49\pi)/200)/4, -\sin((97\pi)/400)/4, -$   
 $\sin((6\pi)/25)/4, -\sin((19\pi)/80)/4, -\sin((47\pi)/200)/4, -\sin((93\pi)/400)/4, -$   
 $\sin((23\pi)/100)/4, -\sin((91\pi)/400)/4, -\sin((9\pi)/40)/4, -\sin((89\pi)/400)/4, -$   
 $\sin((11\pi)/50)/4, -\sin((87\pi)/400)/4, -\sin((43\pi)/200)/4, -\sin((17\pi)/80)/4, -$   
 $\sin((21\pi)/100)/4, -\sin((83\pi)/400)/4, -\sin((41\pi)/200)/4, -\sin((81\pi)/400)/4, -$   
 $(2^{(1/2)}*(5 - 5^{(1/2)})^{(1/2)})/16, -\sin((79\pi)/400)/4, -\sin((39\pi)/200)/4, -$   
 $\sin((77\pi)/400)/4, -\sin((19\pi)/100)/4, -\sin((3\pi)/16)/4, -\sin((37\pi)/200)/4, -$   
 $\sin((73\pi)/400)/4, -\sin((9\pi)/50)/4, -\sin((71\pi)/400)/4, -\sin((7\pi)/40)/4, -$   
 $\sin((69\pi)/400)/4, -\sin((17\pi)/100)/4, -\sin((67\pi)/400)/4, -\sin((33\pi)/200)/4, -$   
 $\sin((13\pi)/80)/4, -\sin((4\pi)/25)/4, -\sin((63\pi)/400)/4, -\sin((31\pi)/200)/4, -$   
 $\sin((61\pi)/400)/4, -\sin((3\pi)/20)/4, -\sin((59\pi)/400)/4, -\sin((29\pi)/200)/4, -$   
 $\sin((57\pi)/400)/4, -\sin((7\pi)/50)/4, -\sin((11\pi)/80)/4, -\sin((27\pi)/200)/4, -$   
 $\sin((53\pi)/400)/4, -\sin((13\pi)/100)/4, -\sin((51\pi)/400)/4, -(2 - 2^{(1/2)})^{(1/2)}/8,$   
 $-\sin((49\pi)/400)/4, -\sin((3\pi)/25)/4, -\sin((47\pi)/400)/4, -\sin((23\pi)/200)/4, -$   
 $\sin((9\pi)/80)/4, -\sin((11\pi)/100)/4, -\sin((43\pi)/400)/4, -\sin((21\pi)/200)/4, -$   
 $\sin((41\pi)/400)/4, 1/16 - 5^{(1/2)}/16, -\sin((39\pi)/400)/4, -\sin((19\pi)/200)/4, -$   
 $\sin((37\pi)/400)/4, -\sin((9\pi)/100)/4, -\sin((7\pi)/80)/4, -\sin((17\pi)/200)/4, -$   
 $\sin((33\pi)/400)/4, -\sin((2\pi)/25)/4, -\sin((31\pi)/400)/4, -\sin((3\pi)/40)/4, -$   
 $\sin((29\pi)/400)/4, -\sin((7\pi)/100)/4, -\sin((27\pi)/400)/4, -\sin((13\pi)/200)/4, -$   
 $\sin(\pi/16)/4, -\sin((3\pi)/50)/4, -\sin((23\pi)/400)/4, -\sin((11\pi)/200)/4, -$   
 $\sin((21\pi)/400)/4, -\sin(\pi/20)/4, -\sin((19\pi)/400)/4, -\sin((9\pi)/200)/4, -$   
 $\sin((17\pi)/400)/4, -\sin(\pi/25)/4, -\sin((3\pi)/80)/4, -\sin((7\pi)/200)/4, -$   
 $\sin((13\pi)/400)/4, -\sin((3\pi)/100)/4, -\sin((11\pi)/400)/4, -\sin(\pi/40)/4, -$   
 $\sin((9\pi)/400)/4, -\sin(\pi/50)/4, -\sin((7\pi)/400)/4, -\sin((3\pi)/200)/4, -$   
 $\sin(\pi/80)/4, -\sin(\pi/100)/4, -\sin((3\pi)/400)/4, -\sin(\pi/200)/4, -\sin(\pi/400)/4, 0,$   
 $\sin(\pi/400)/4, \sin(\pi/200)/4, \sin((3\pi)/400)/4, \sin(\pi/100)/4, \sin(\pi/80)/4,$   
 $\sin((3\pi)/200)/4, \sin((7\pi)/400)/4, \sin(\pi/50)/4, \sin((9\pi)/400)/4, \sin(\pi/40)/4,$   
 $\sin((11\pi)/400)/4, \sin((3\pi)/100)/4, \sin((13\pi)/400)/4, \sin((7\pi)/200)/4,$   
 $\sin((3\pi)/80)/4, \sin(\pi/25)/4, \sin((17\pi)/400)/4, \sin((9\pi)/200)/4,$   
 $\sin((19\pi)/400)/4, \sin(\pi/20)/4, \sin((21\pi)/400)/4, \sin((11\pi)/200)/4,$   
 $\sin((23\pi)/400)/4, \sin((3\pi)/50)/4, \sin(\pi/16)/4, \sin((13\pi)/200)/4,$   
 $\sin((27\pi)/400)/4, \sin((7\pi)/100)/4, \sin((29\pi)/400)/4, \sin((3\pi)/40)/4,$

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

$\sin((167\pi)/400)/4, \sin((83\pi)/200)/4, \sin((33\pi)/80)/4, \sin((41\pi)/100)/4,$   
 $\sin((163\pi)/400)/4, \sin((81\pi)/200)/4, \sin((161\pi)/400)/4, (2^{(1/2)} * (5^{(1/2)} +$   
 $5)^{(1/2)})/16, \sin((159\pi)/400)/4, \sin((79\pi)/200)/4, \sin((157\pi)/400)/4,$   
 $\sin((39\pi)/100)/4, \sin((31\pi)/80)/4, \sin((77\pi)/200)/4, \sin((153\pi)/400)/4,$   
 $\sin((19\pi)/50)/4, \sin((151\pi)/400)/4, (2^{(1/2)} + 2)^{(1/2)}/8, \sin((149\pi)/400)/4,$   
 $\sin((37\pi)/100)/4, \sin((147\pi)/400)/4, \sin((73\pi)/200)/4, \sin((29\pi)/80)/4,$   
 $\sin((9\pi)/25)/4, \sin((143\pi)/400)/4, \sin((71\pi)/200)/4, \sin((141\pi)/400)/4,$   
 $\sin((7\pi)/20)/4, \sin((139\pi)/400)/4, \sin((69\pi)/200)/4, \sin((137\pi)/400)/4,$   
 $\sin((17\pi)/50)/4, \sin((27\pi)/80)/4, \sin((67\pi)/200)/4, \sin((133\pi)/400)/4,$   
 $\sin((33\pi)/100)/4, \sin((131\pi)/400)/4, \sin((13\pi)/40)/4, \sin((129\pi)/400)/4,$   
 $\sin((8\pi)/25)/4, \sin((127\pi)/400)/4, \sin((63\pi)/200)/4, \sin((5\pi)/16)/4,$   
 $\sin((31\pi)/100)/4, \sin((123\pi)/400)/4, \sin((61\pi)/200)/4, \sin((121\pi)/400)/4,$   
 $5^{(1/2)}/16 + 1/16, \sin((119\pi)/400)/4, \sin((59\pi)/200)/4, \sin((117\pi)/400)/4,$   
 $\sin((29\pi)/100)/4, \sin((23\pi)/80)/4, \sin((57\pi)/200)/4, \sin((113\pi)/400)/4,$   
 $\sin((7\pi)/25)/4, \sin((111\pi)/400)/4, \sin((11\pi)/40)/4, \sin((109\pi)/400)/4,$   
 $\sin((27\pi)/100)/4, \sin((107\pi)/400)/4, \sin((53\pi)/200)/4, \sin((21\pi)/80)/4,$   
 $\sin((13\pi)/50)/4, \sin((103\pi)/400)/4, \sin((51\pi)/200)/4, \sin((101\pi)/400)/4,$   
 $2^{(1/2)}/8, \sin((99\pi)/400)/4, \sin((49\pi)/200)/4, \sin((97\pi)/400)/4,$   
 $\sin((6\pi)/25)/4, \sin((19\pi)/80)/4, \sin((47\pi)/200)/4, \sin((93\pi)/400)/4,$   
 $\sin((23\pi)/100)/4, \sin((91\pi)/400)/4, \sin((9\pi)/40)/4, \sin((89\pi)/400)/4,$   
 $\sin((11\pi)/50)/4, \sin((87\pi)/400)/4, \sin((43\pi)/200)/4, \sin((17\pi)/80)/4,$   
 $\sin((21\pi)/100)/4, \sin((83\pi)/400)/4, \sin((41\pi)/200)/4, \sin((81\pi)/400)/4,$   
 $(2^{(1/2)} * (5 - 5^{(1/2)})^{(1/2)})/16, \sin((79\pi)/400)/4, \sin((39\pi)/200)/4,$   
 $\sin((77\pi)/400)/4, \sin((19\pi)/100)/4, \sin((3\pi)/16)/4, \sin((37\pi)/200)/4,$   
 $\sin((73\pi)/400)/4, \sin((9\pi)/50)/4, \sin((71\pi)/400)/4, \sin((7\pi)/40)/4,$   
 $\sin((69\pi)/400)/4, \sin((17\pi)/100)/4, \sin((67\pi)/400)/4, \sin((33\pi)/200)/4,$   
 $\sin((13\pi)/80)/4, \sin((4\pi)/25)/4, \sin((63\pi)/400)/4, \sin((31\pi)/200)/4,$   
 $\sin((61\pi)/400)/4, \sin((3\pi)/20)/4, \sin((59\pi)/400)/4, \sin((29\pi)/200)/4,$   
 $\sin((57\pi)/400)/4, \sin((7\pi)/50)/4, \sin((11\pi)/80)/4, \sin((27\pi)/200)/4,$   
 $\sin((53\pi)/400)/4, \sin((13\pi)/100)/4, \sin((51\pi)/400)/4, (2 - 2^{(1/2)})^{(1/2)}/8,$   
 $\sin((49\pi)/400)/4, \sin((3\pi)/25)/4, \sin((47\pi)/400)/4, \sin((23\pi)/200)/4,$   
 $\sin((9\pi)/80)/4, \sin((11\pi)/100)/4, \sin((43\pi)/400)/4, \sin((21\pi)/200)/4,$   
 $\sin((41\pi)/400)/4, 5^{(1/2)}/16 - 1/16, \sin((39\pi)/400)/4, \sin((19\pi)/200)/4,$   
 $\sin((37\pi)/400)/4, \sin((9\pi)/100)/4, \sin((7\pi)/80)/4, \sin((17\pi)/200)/4,$   
 $\sin((33\pi)/400)/4, \sin((2\pi)/25)/4, \sin((31\pi)/400)/4, \sin((3\pi)/40)/4,$   
 $\sin((29\pi)/400)/4, \sin((7\pi)/100)/4, \sin((27\pi)/400)/4, \sin((13\pi)/200)/4,$   
 $\sin(\pi/16)/4, \sin((3\pi)/50)/4, \sin((23\pi)/400)/4, \sin((11\pi)/200)/4,$   
 $\sin((21\pi)/400)/4, \sin(\pi/20)/4, \sin((19\pi)/400)/4, \sin((9\pi)/200)/4,$   
 $\sin((17\pi)/400)/4, \sin(\pi/25)/4, \sin((3\pi)/80)/4, \sin((7\pi)/200)/4,$   
 $\sin((13\pi)/400)/4, \sin((3\pi)/100)/4, \sin((11\pi)/400)/4, \sin(\pi/40)/4,$   
 $\sin((9\pi)/400)/4, \sin(\pi/50)/4, \sin((7\pi)/400)/4, \sin((3\pi)/200)/4, \sin(\pi/80)/4,$   
 $\sin(\pi/100)/4, \sin((3\pi)/400)/4, \sin(\pi/200)/4, \sin(\pi/400)/4, 0, -\sin(\pi/400)/4, -$   
 $\sin(\pi/200)/4, -\sin((3\pi)/400)/4, -\sin(\pi/100)/4, -\sin(\pi/80)/4, -\sin((3\pi)/200)/4,$   
 $-\sin((7\pi)/400)/4, -\sin(\pi/50)/4, -\sin((9\pi)/400)/4, -\sin(\pi/40)/4, -$   
 $\sin((11\pi)/400)/4, -\sin((3\pi)/100)/4, -\sin((13\pi)/400)/4, -\sin((7\pi)/200)/4, -$   
 $\sin((3\pi)/80)/4, -\sin(\pi/25)/4, -\sin((17\pi)/400)/4, -\sin((9\pi)/200)/4, -$   
 $\sin((19\pi)/400)/4, -\sin(\pi/20)/4, -\sin((21\pi)/400)/4, -\sin((11\pi)/200)/4, -$   
 $\sin((23\pi)/400)/4, -\sin((3\pi)/50)/4, -\sin(\pi/16)/4, -\sin((13\pi)/200)/4, -$   
 $\sin((27\pi)/400)/4, -\sin((7\pi)/100)/4, -\sin((29\pi)/400)/4, -\sin((3\pi)/40)/4, -$   
 $\sin((31\pi)/400)/4, -\sin((2\pi)/25)/4, -\sin((33\pi)/400)/4, -\sin((17\pi)/200)/4, -$   
 $\sin((7\pi)/80)/4, -\sin((9\pi)/100)/4, -\sin((37\pi)/400)/4, -\sin((19\pi)/200)/4, -$

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

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

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

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

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



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

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

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

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

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

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

$5^{1/2}/16 + 1/16, \sin((119\pi)/400)/4, \sin((59\pi)/200)/4, \sin((117\pi)/400)/4,$   
 $\sin((29\pi)/100)/4, \sin((23\pi)/80)/4, \sin((57\pi)/200)/4, \sin((113\pi)/400)/4,$   
 $\sin((7\pi)/25)/4, \sin((111\pi)/400)/4, \sin((11\pi)/40)/4, \sin((109\pi)/400)/4,$   
 $\sin((27\pi)/100)/4, \sin((107\pi)/400)/4, \sin((53\pi)/200)/4, \sin((21\pi)/80)/4,$   
 $\sin((13\pi)/50)/4, \sin((103\pi)/400)/4, \sin((51\pi)/200)/4, \sin((101\pi)/400)/4,$   
 $2^{1/2}/8]$

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,  
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cos((3499\*pi)/50000)/2, cos((7\*pi)/100)/2]

current =

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

I =

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

n =

[  $(25\pi)/4$ ,  $(25\pi \cos(\pi/400))/4$ ,  $(25\pi \cos(\pi/200))/4$ ,  $(25\pi \cos((3\pi)/400))/4$ ,  
 $(25\pi \cos(\pi/100))/4$ ,  $(25\pi \cos(\pi/80))/4$ ,  $(25\pi \cos((3\pi)/200))/4$ ,  
 $(25\pi \cos((7\pi)/400))/4$ ,  $(25\pi \cos(\pi/50))/4$ ,  $(25\pi \cos((9\pi)/400))/4$ ,  
 $(25\pi \cos(\pi/40))/4$ ,  $(25\pi \cos((11\pi)/400))/4$ ,  $(25\pi \cos((3\pi)/100))/4$ ,  
 $(25\pi \cos((13\pi)/400))/4$ ,  $(25\pi \cos((7\pi)/200))/4$ ,  $(25\pi \cos((3\pi)/80))/4$ ,  
 $(25\pi \cos(\pi/25))/4$ ,  $(25\pi \cos((17\pi)/400))/4$ ,  $(25\pi \cos((9\pi)/200))/4$ ,  
 $(25\pi \cos((19\pi)/400))/4$ ,  $(25\pi \cos(\pi/20))/4$ ,  $(25\pi \cos((21\pi)/400))/4$ ,  
 $(25\pi \cos((11\pi)/200))/4$ ,  $(25\pi \cos((23\pi)/400))/4$ ,  $(25\pi \cos((3\pi)/50))/4$ ,  
 $(25\pi \cos(\pi/16))/4$ ,  $(25\pi \cos((13\pi)/200))/4$ ,  $(25\pi \cos((27\pi)/400))/4$ ,  
 $(25\pi \cos((7\pi)/100))/4$ ,  $(25\pi \cos((29\pi)/400))/4$ ,  $(25\pi \cos((3\pi)/40))/4$ ,  
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 $(25\pi \cos((17\pi)/200))/4$ ,  $(25\pi \cos((7\pi)/80))/4$ ,  $(25\pi \cos((9\pi)/100))/4$ ,  
 $(25\pi \cos((37\pi)/400))/4$ ,  $(25\pi \cos((19\pi)/200))/4$ ,  $(25\pi \cos((39\pi)/400))/4$ ,  
 $(25\pi \cdot 2^{(1/2)} \cdot (5^{(1/2)} + 5)^{(1/2)})/16$ ,  $(25\pi \cos((41\pi)/400))/4$ ,  
 $(25\pi \cos((21\pi)/200))/4$ ,  $(25\pi \cos((43\pi)/400))/4$ ,  $(25\pi \cos((11\pi)/100))/4$ ,  
 $(25\pi \cos((9\pi)/80))/4$ ,  $(25\pi \cos((23\pi)/200))/4$ ,  $(25\pi \cos((47\pi)/400))/4$ ,  
 $(25\pi \cos((3\pi)/25))/4$ ,  $(25\pi \cos((49\pi)/400))/4$ ,  $(25\pi \cdot (2^{(1/2)} + 2)^{(1/2)})/8$ ,  
 $(25\pi \cos((51\pi)/400))/4$ ,  $(25\pi \cos((13\pi)/100))/4$ ,  $(25\pi \cos((53\pi)/400))/4$ ,  
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 $(25\pi \cos((9\pi)/50))/4$ ,  $(25\pi \cos((73\pi)/400))/4$ ,  $(25\pi \cos((37\pi)/200))/4$ ,

$(25\pi \cos((3\pi)/16))/4$ ,  $(25\pi \cos((19\pi)/100))/4$ ,  $(25\pi \cos((77\pi)/400))/4$ ,  
 $(25\pi \cos((39\pi)/200))/4$ ,  $(25\pi \cos((79\pi)/400))/4$ ,  $(25\pi \cos((5^{1/2}/4 + 1/4)))/4$ ,  
 $(25\pi \cos((81\pi)/400))/4$ ,  $(25\pi \cos((41\pi)/200))/4$ ,  $(25\pi \cos((83\pi)/400))/4$ ,  
 $(25\pi \cos((21\pi)/100))/4$ ,  $(25\pi \cos((17\pi)/80))/4$ ,  $(25\pi \cos((43\pi)/200))/4$ ,  
 $(25\pi \cos((87\pi)/400))/4$ ,  $(25\pi \cos((11\pi)/50))/4$ ,  $(25\pi \cos((89\pi)/400))/4$ ,  
 $(25\pi \cos((9\pi)/40))/4$ ,  $(25\pi \cos((91\pi)/400))/4$ ,  $(25\pi \cos((23\pi)/100))/4$ ,  
 $(25\pi \cos((93\pi)/400))/4$ ,  $(25\pi \cos((47\pi)/200))/4$ ,  $(25\pi \cos((19\pi)/80))/4$ ,  
 $(25\pi \cos((6\pi)/25))/4$ ,  $(25\pi \cos((97\pi)/400))/4$ ,  $(25\pi \cos((49\pi)/200))/4$ ,  
 $(25\pi \cos((99\pi)/400))/4$ ,  $(25\pi \cos(2^{1/2}))/8$ ,  $(25\pi \cos((101\pi)/400))/4$ ,  
 $(25\pi \cos((51\pi)/200))/4$ ,  $(25\pi \cos((103\pi)/400))/4$ ,  $(25\pi \cos((13\pi)/50))/4$ ,  
 $(25\pi \cos((21\pi)/80))/4$ ,  $(25\pi \cos((53\pi)/200))/4$ ,  $(25\pi \cos((107\pi)/400))/4$ ,  
 $(25\pi \cos((27\pi)/100))/4$ ,  $(25\pi \cos((109\pi)/400))/4$ ,  $(25\pi \cos((11\pi)/40))/4$ ,  
 $(25\pi \cos((111\pi)/400))/4$ ,  $(25\pi \cos((7\pi)/25))/4$ ,  $(25\pi \cos((113\pi)/400))/4$ ,  
 $(25\pi \cos((57\pi)/200))/4$ ,  $(25\pi \cos((23\pi)/80))/4$ ,  $(25\pi \cos((29\pi)/100))/4$ ,  
 $(25\pi \cos((117\pi)/400))/4$ ,  $(25\pi \cos((59\pi)/200))/4$ ,  $(25\pi \cos((119\pi)/400))/4$ ,  
 $(25 \cdot 2^{1/2} \cdot \pi \cdot (5 - 5^{1/2})^{1/2})/16$ ,  $(25\pi \cos((121\pi)/400))/4$ ,  
 $(25\pi \cos((61\pi)/200))/4$ ,  $(25\pi \cos((123\pi)/400))/4$ ,  $(25\pi \cos((31\pi)/100))/4$ ,  
 $(25\pi \cos((5\pi)/16))/4$ ,  $(25\pi \cos((63\pi)/200))/4$ ,  $(25\pi \cos((127\pi)/400))/4$ ,  
 $(25\pi \cos((8\pi)/25))/4$ ,  $(25\pi \cos((129\pi)/400))/4$ ,  $(25\pi \cos((13\pi)/40))/4$ ,  
 $(25\pi \cos((131\pi)/400))/4$ ,  $(25\pi \cos((33\pi)/100))/4$ ,  $(25\pi \cos((133\pi)/400))/4$ ,  
 $(25\pi \cos((67\pi)/200))/4$ ,  $(25\pi \cos((27\pi)/80))/4$ ,  $(25\pi \cos((17\pi)/50))/4$ ,  
 $(25\pi \cos((137\pi)/400))/4$ ,  $(25\pi \cos((69\pi)/200))/4$ ,  $(25\pi \cos((139\pi)/400))/4$ ,  
 $(25\pi \cos((7\pi)/20))/4$ ,  $(25\pi \cos((141\pi)/400))/4$ ,  $(25\pi \cos((71\pi)/200))/4$ ,  
 $(25\pi \cos((143\pi)/400))/4$ ,  $(25\pi \cos((9\pi)/25))/4$ ,  $(25\pi \cos((29\pi)/80))/4$ ,  
 $(25\pi \cos((73\pi)/200))/4$ ,  $(25\pi \cos((147\pi)/400))/4$ ,  $(25\pi \cos((37\pi)/100))/4$ ,  
 $(25\pi \cos((149\pi)/400))/4$ ,  $(25\pi \cos(2 - 2^{1/2}))^{1/2}/8$ ,  
 $(25\pi \cos((151\pi)/400))/4$ ,  $(25\pi \cos((19\pi)/50))/4$ ,  $(25\pi \cos((153\pi)/400))/4$ ,  
 $(25\pi \cos((77\pi)/200))/4$ ,  $(25\pi \cos((31\pi)/80))/4$ ,  $(25\pi \cos((39\pi)/100))/4$ ,  
 $(25\pi \cos((157\pi)/400))/4$ ,  $(25\pi \cos((79\pi)/200))/4$ ,  $(25\pi \cos((159\pi)/400))/4$ ,  
 $(25\pi \cos(5^{1/2}/4 - 1/4))/4$ ,  $(25\pi \cos((161\pi)/400))/4$ ,  $(25\pi \cos((81\pi)/200))/4$ ,  
 $(25\pi \cos((163\pi)/400))/4$ ,  $(25\pi \cos((41\pi)/100))/4$ ,  $(25\pi \cos((33\pi)/80))/4$ ,  
 $(25\pi \cos((83\pi)/200))/4$ ,  $(25\pi \cos((167\pi)/400))/4$ ,  $(25\pi \cos((21\pi)/50))/4$ ,  
 $(25\pi \cos((169\pi)/400))/4$ ,  $(25\pi \cos((17\pi)/40))/4$ ,  $(25\pi \cos((171\pi)/400))/4$ ,  
 $(25\pi \cos((43\pi)/100))/4$ ,  $(25\pi \cos((173\pi)/400))/4$ ,  $(25\pi \cos((87\pi)/200))/4$ ,  
 $(25\pi \cos((7\pi)/16))/4$ ,  $(25\pi \cos((11\pi)/25))/4$ ,  $(25\pi \cos((177\pi)/400))/4$ ,  
 $(25\pi \cos((89\pi)/200))/4$ ,  $(25\pi \cos((179\pi)/400))/4$ ,  $(25\pi \cos((9\pi)/20))/4$ ,  
 $(25\pi \cos((181\pi)/400))/4$ ,  $(25\pi \cos((91\pi)/200))/4$ ,  $(25\pi \cos((183\pi)/400))/4$ ,  
 $(25\pi \cos((23\pi)/50))/4$ ,  $(25\pi \cos((37\pi)/80))/4$ ,  $(25\pi \cos((93\pi)/200))/4$ ,  
 $(25\pi \cos((187\pi)/400))/4$ ,  $(25\pi \cos((47\pi)/100))/4$ ,  $(25\pi \cos((189\pi)/400))/4$ ,  
 $(25\pi \cos((19\pi)/40))/4$ ,  $(25\pi \cos((191\pi)/400))/4$ ,  $(25\pi \cos((12\pi)/25))/4$ ,  
 $(25\pi \cos((193\pi)/400))/4$ ,  $(25\pi \cos((97\pi)/200))/4$ ,  $(25\pi \cos((39\pi)/80))/4$ ,  
 $(25\pi \cos((49\pi)/100))/4$ ,  $(25\pi \cos((197\pi)/400))/4$ ,  $(25\pi \cos((99\pi)/200))/4$ ,  
 $(25\pi \cos((199\pi)/400))/4$ ,  $0$ ,  $-(25\pi \cos((199\pi)/400))/4$ ,  $-$   
 $(25\pi \cos((99\pi)/200))/4$ ,  $-(25\pi \cos((197\pi)/400))/4$ ,  $-(25\pi \cos((49\pi)/100))/4$ ,  
 $-(25\pi \cos((39\pi)/80))/4$ ,  $-(25\pi \cos((97\pi)/200))/4$ ,  $-(25\pi \cos((193\pi)/400))/4$ ,  
 $-(25\pi \cos((12\pi)/25))/4$ ,  $-(25\pi \cos((191\pi)/400))/4$ ,  $-(25\pi \cos((19\pi)/40))/4$ ,  
 $-(25\pi \cos((189\pi)/400))/4$ ,  $-(25\pi \cos((47\pi)/100))/4$ ,  $-$   
 $(25\pi \cos((187\pi)/400))/4$ ,  $-(25\pi \cos((93\pi)/200))/4$ ,  $-(25\pi \cos((37\pi)/80))/4$ ,  
 $-(25\pi \cos((23\pi)/50))/4$ ,  $-(25\pi \cos((183\pi)/400))/4$ ,  $-(25\pi \cos((91\pi)/200))/4$ ,  
 $-(25\pi \cos((181\pi)/400))/4$ ,  $-(25\pi \cos((9\pi)/20))/4$ ,  $-(25\pi \cos((179\pi)/400))/4$ ,  
 $-(25\pi \cos((89\pi)/200))/4$ ,  $-(25\pi \cos((177\pi)/400))/4$ ,  $-(25\pi \cos((11\pi)/25))/4$ ,

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



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

$-(25\pi\cos((117\pi)/400))/4, -(25\pi\cos((59\pi)/200))/4, -$   
 $(25\pi\cos((119\pi)/400))/4, -(25\pi\cos((121\pi)/400))/4, -(25\pi\cos((123\pi)/400))/4, -$   
 $(25\pi\cos((63\pi)/200))/4, -(25\pi\cos((127\pi)/400))/4, -(25\pi\cos((8\pi)/25))/4, -$   
 $(25\pi\cos((129\pi)/400))/4, -(25\pi\cos((13\pi)/40))/4, -(25\pi\cos((131\pi)/400))/4, -$   
 $(25\pi\cos((33\pi)/100))/4, -(25\pi\cos((133\pi)/400))/4, -$   
 $(25\pi\cos((67\pi)/200))/4, -(25\pi\cos((27\pi)/80))/4, -(25\pi\cos((17\pi)/50))/4, -$   
 $(25\pi\cos((137\pi)/400))/4, -(25\pi\cos((69\pi)/200))/4, -$   
 $(25\pi\cos((139\pi)/400))/4, -(25\pi\cos((7\pi)/20))/4, -(25\pi\cos((141\pi)/400))/4, -$   
 $(25\pi\cos((71\pi)/200))/4, -(25\pi\cos((143\pi)/400))/4, -(25\pi\cos((9\pi)/25))/4, -$   
 $(25\pi\cos((29\pi)/80))/4, -(25\pi\cos((73\pi)/200))/4, -(25\pi\cos((147\pi)/400))/4, -$   
 $(25\pi\cos((37\pi)/100))/4, -(25\pi\cos((149\pi)/400))/4, -(25\pi\cos((151\pi)/400))/4, -$   
 $(25\pi\cos((153\pi)/400))/4, -(25\pi\cos((77\pi)/200))/4, -(25\pi\cos((31\pi)/80))/4, -$   
 $(25\pi\cos((39\pi)/100))/4, -(25\pi\cos((157\pi)/400))/4, -$   
 $(25\pi\cos((79\pi)/200))/4, -(25\pi\cos((159\pi)/400))/4, -(25\pi\cos((81\pi)/200))/4, -$   
 $(25\pi\cos((163\pi)/400))/4, -(25\pi\cos((41\pi)/100))/4, -(25\pi\cos((33\pi)/80))/4, -$   
 $(25\pi\cos((83\pi)/200))/4, -(25\pi\cos((167\pi)/400))/4, -(25\pi\cos((21\pi)/50))/4, -$   
 $(25\pi\cos((169\pi)/400))/4, -(25\pi\cos((17\pi)/40))/4, -$   
 $(25\pi\cos((171\pi)/400))/4, -(25\pi\cos((43\pi)/100))/4, -$   
 $(25\pi\cos((173\pi)/400))/4, -(25\pi\cos((87\pi)/200))/4, -(25\pi\cos((7\pi)/16))/4, -$   
 $(25\pi\cos((11\pi)/25))/4, -(25\pi\cos((177\pi)/400))/4, -(25\pi\cos((89\pi)/200))/4, -$   
 $(25\pi\cos((179\pi)/400))/4, -(25\pi\cos((9\pi)/20))/4, -(25\pi\cos((181\pi)/400))/4, -$   
 $(25\pi\cos((91\pi)/200))/4, -(25\pi\cos((183\pi)/400))/4, -(25\pi\cos((23\pi)/50))/4, -$   
 $(25\pi\cos((37\pi)/80))/4, -(25\pi\cos((93\pi)/200))/4, -(25\pi\cos((187\pi)/400))/4, -$   
 $(25\pi\cos((47\pi)/100))/4, -(25\pi\cos((189\pi)/400))/4, -(25\pi\cos((19\pi)/40))/4, -$   
 $(25\pi\cos((191\pi)/400))/4, -(25\pi\cos((12\pi)/25))/4, -$   
 $(25\pi\cos((193\pi)/400))/4, -(25\pi\cos((97\pi)/200))/4, -(25\pi\cos((39\pi)/80))/4, -$   
 $(25\pi\cos((49\pi)/100))/4, -(25\pi\cos((197\pi)/400))/4, -$   
 $(25\pi\cos((99\pi)/200))/4, -(25\pi\cos((199\pi)/400))/4, 0,$   
 $(25\pi\cos((199\pi)/400))/4, (25\pi\cos((99\pi)/200))/4, (25\pi\cos((197\pi)/400))/4,$   
 $(25\pi\cos((49\pi)/100))/4, (25\pi\cos((39\pi)/80))/4, (25\pi\cos((97\pi)/200))/4,$   
 $(25\pi\cos((193\pi)/400))/4, (25\pi\cos((12\pi)/25))/4, (25\pi\cos((191\pi)/400))/4,$   
 $(25\pi\cos((19\pi)/40))/4, (25\pi\cos((189\pi)/400))/4, (25\pi\cos((47\pi)/100))/4,$   
 $(25\pi\cos((187\pi)/400))/4, (25\pi\cos((93\pi)/200))/4, (25\pi\cos((37\pi)/80))/4,$   
 $(25\pi\cos((23\pi)/50))/4, (25\pi\cos((183\pi)/400))/4, (25\pi\cos((91\pi)/200))/4,$   
 $(25\pi\cos((181\pi)/400))/4, (25\pi\cos((9\pi)/20))/4, (25\pi\cos((179\pi)/400))/4,$   
 $(25\pi\cos((89\pi)/200))/4, (25\pi\cos((177\pi)/400))/4, (25\pi\cos((11\pi)/25))/4,$   
 $(25\pi\cos((7\pi)/16))/4, (25\pi\cos((87\pi)/200))/4, (25\pi\cos((173\pi)/400))/4,$   
 $(25\pi\cos((43\pi)/100))/4, (25\pi\cos((171\pi)/400))/4, (25\pi\cos((17\pi)/40))/4,$   
 $(25\pi\cos((169\pi)/400))/4, (25\pi\cos((21\pi)/50))/4, (25\pi\cos((167\pi)/400))/4,$   
 $(25\pi\cos((83\pi)/200))/4, (25\pi\cos((33\pi)/80))/4, (25\pi\cos((41\pi)/100))/4,$   
 $(25\pi\cos((163\pi)/400))/4, (25\pi\cos((81\pi)/200))/4, (25\pi\cos((161\pi)/400))/4,$   
 $(25\pi\cos((157\pi)/400))/4, (25\pi\cos((39\pi)/100))/4, (25\pi\cos((31\pi)/80))/4,$   
 $(25\pi\cos((77\pi)/200))/4, (25\pi\cos((153\pi)/400))/4, (25\pi\cos((19\pi)/50))/4,$   
 $(25\pi\cos((151\pi)/400))/4, (25\pi\cos((149\pi)/400))/4, (25\pi\cos((37\pi)/100))/4, (25\pi\cos((147\pi)/400))/4,$   
 $(25\pi\cos((73\pi)/200))/4, (25\pi\cos((29\pi)/80))/4, (25\pi\cos((9\pi)/25))/4,$

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

$(25\pi \cos((9\pi)/400))/4$ ,  $(25\pi \cos(\pi/40))/4$ ,  $(25\pi \cos((11\pi)/400))/4$ ,  
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 $(25\pi \cos((3\pi)/80))/4$ ,  $(25\pi \cos(\pi/25))/4$ ,  $(25\pi \cos((17\pi)/400))/4$ ,  
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 $(25\pi \cos((3\pi)/40))/4$ ,  $(25\pi \cos((31\pi)/400))/4$ ,  $(25\pi \cos((2\pi)/25))/4$ ,  
 $(25\pi \cos((33\pi)/400))/4$ ,  $(25\pi \cos((17\pi)/200))/4$ ,  $(25\pi \cos((7\pi)/80))/4$ ,  
 $(25\pi \cos((9\pi)/100))/4$ ,  $(25\pi \cos((37\pi)/400))/4$ ,  $(25\pi \cos((19\pi)/200))/4$ ,  
 $(25\pi \cos((39\pi)/400))/4$ ,  $(25\pi \cdot 2^{(1/2)} \cdot (5^{(1/2)} + 5)^{(1/2)})/16$ ,  
 $(25\pi \cos((41\pi)/400))/4$ ,  $(25\pi \cos((21\pi)/200))/4$ ,  $(25\pi \cos((43\pi)/400))/4$ ,  
 $(25\pi \cos((11\pi)/100))/4$ ,  $(25\pi \cos((9\pi)/80))/4$ ,  $(25\pi \cos((23\pi)/200))/4$ ,  
 $(25\pi \cos((47\pi)/400))/4$ ,  $(25\pi \cos((3\pi)/25))/4$ ,  $(25\pi \cos((49\pi)/400))/4$ ,  
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 $(25\pi \cos((53\pi)/400))/4$ ,  $(25\pi \cos((27\pi)/200))/4$ ,  $(25\pi \cos((11\pi)/80))/4$ ,  
 $(25\pi \cos((7\pi)/50))/4$ ,  $(25\pi \cos((57\pi)/400))/4$ ,  $(25\pi \cos((29\pi)/200))/4$ ,  
 $(25\pi \cos((59\pi)/400))/4$ ,  $(25\pi \cos((3\pi)/20))/4$ ,  $(25\pi \cos((61\pi)/400))/4$ ,  
 $(25\pi \cos((31\pi)/200))/4$ ,  $(25\pi \cos((63\pi)/400))/4$ ,  $(25\pi \cos((4\pi)/25))/4$ ,  
 $(25\pi \cos((13\pi)/80))/4$ ,  $(25\pi \cos((33\pi)/200))/4$ ,  $(25\pi \cos((67\pi)/400))/4$ ,  
 $(25\pi \cos((17\pi)/100))/4$ ,  $(25\pi \cos((69\pi)/400))/4$ ,  $(25\pi \cos((7\pi)/40))/4$ ,  
 $(25\pi \cos((71\pi)/400))/4$ ,  $(25\pi \cos((9\pi)/50))/4$ ,  $(25\pi \cos((73\pi)/400))/4$ ,  
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 $(25\pi \cos((89\pi)/400))/4$ ,  $(25\pi \cos((9\pi)/40))/4$ ,  $(25\pi \cos((91\pi)/400))/4$ ,  
 $(25\pi \cos((23\pi)/100))/4$ ,  $(25\pi \cos((93\pi)/400))/4$ ,  $(25\pi \cos((47\pi)/200))/4$ ,  
 $(25\pi \cos((19\pi)/80))/4$ ,  $(25\pi \cos((6\pi)/25))/4$ ,  $(25\pi \cos((97\pi)/400))/4$ ,  
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 $(25\pi \cos((101\pi)/400))/4$ ,  $(25\pi \cos((51\pi)/200))/4$ ,  $(25\pi \cos((103\pi)/400))/4$ ,  
 $(25\pi \cos((13\pi)/50))/4$ ,  $(25\pi \cos((21\pi)/80))/4$ ,  $(25\pi \cos((53\pi)/200))/4$ ,  
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 $(25\pi \cos((11\pi)/40))/4$ ,  $(25\pi \cos((111\pi)/400))/4$ ,  $(25\pi \cos((7\pi)/25))/4$ ,  
 $(25\pi \cos((113\pi)/400))/4$ ,  $(25\pi \cos((57\pi)/200))/4$ ,  $(25\pi \cos((23\pi)/80))/4$ ,  
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 $(25\pi \cos((13\pi)/40))/4$ ,  $(25\pi \cos((131\pi)/400))/4$ ,  $(25\pi \cos((33\pi)/100))/4$ ,  
 $(25\pi \cos((133\pi)/400))/4$ ,  $(25\pi \cos((67\pi)/200))/4$ ,  $(25\pi \cos((27\pi)/80))/4$ ,  
 $(25\pi \cos((17\pi)/50))/4$ ,  $(25\pi \cos((137\pi)/400))/4$ ,  $(25\pi \cos((69\pi)/200))/4$ ,  
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 $(25\pi \cos((71\pi)/200))/4$ ,  $(25\pi \cos((143\pi)/400))/4$ ,  $(25\pi \cos((9\pi)/25))/4$ ,  
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$(25\pi\cos((159\pi)/400))/4$ ,  $(25\pi(5^{(1/2)}/4 - 1/4))/4$ ,  $(25\pi\cos((161\pi)/400))/4$ ,  
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 $(25\pi\cos((171\pi)/400))/4$ ,  $(25\pi\cos((43\pi)/100))/4$ ,  $(25\pi\cos((173\pi)/400))/4$ ,  
 $(25\pi\cos((87\pi)/200))/4$ ,  $(25\pi\cos((7\pi)/16))/4$ ,  $(25\pi\cos((11\pi)/25))/4$ ,  
 $(25\pi\cos((177\pi)/400))/4$ ,  $(25\pi\cos((89\pi)/200))/4$ ,  $(25\pi\cos((179\pi)/400))/4$ ,  
 $(25\pi\cos((9\pi)/20))/4$ ,  $(25\pi\cos((181\pi)/400))/4$ ,  $(25\pi\cos((91\pi)/200))/4$ ,  
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 $(25\pi\cos((93\pi)/200))/4$ ,  $(25\pi\cos((187\pi)/400))/4$ ,  $(25\pi\cos((47\pi)/100))/4$ ,  
 $(25\pi\cos((189\pi)/400))/4$ ,  $(25\pi\cos((19\pi)/40))/4$ ,  $(25\pi\cos((191\pi)/400))/4$ ,  
 $(25\pi\cos((12\pi)/25))/4$ ,  $(25\pi\cos((193\pi)/400))/4$ ,  $(25\pi\cos((97\pi)/200))/4$ ,  
 $(25\pi\cos((39\pi)/80))/4$ ,  $(25\pi\cos((49\pi)/100))/4$ ,  $(25\pi\cos((197\pi)/400))/4$ ,  
 $(25\pi\cos((99\pi)/200))/4$ ,  $(25\pi\cos((199\pi)/400))/4$ ,  $0$ , -  
 $(25\pi\cos((199\pi)/400))/4$ ,  $-(25\pi\cos((99\pi)/200))/4$ , -  
 $(25\pi\cos((197\pi)/400))/4$ ,  $-(25\pi\cos((49\pi)/100))/4$ ,  $-(25\pi\cos((39\pi)/80))/4$ ,  
 $-(25\pi\cos((97\pi)/200))/4$ ,  $-(25\pi\cos((193\pi)/400))/4$ ,  $-(25\pi\cos((12\pi)/25))/4$ ,  
 $-(25\pi\cos((191\pi)/400))/4$ ,  $-(25\pi\cos((19\pi)/40))/4$ , -  
 $(25\pi\cos((189\pi)/400))/4$ ,  $-(25\pi\cos((47\pi)/100))/4$ , -  
 $(25\pi\cos((187\pi)/400))/4$ ,  $-(25\pi\cos((93\pi)/200))/4$ ,  $-(25\pi\cos((37\pi)/80))/4$ ,  
 $-(25\pi\cos((23\pi)/50))/4$ ,  $-(25\pi\cos((183\pi)/400))/4$ ,  $-(25\pi\cos((91\pi)/200))/4$ ,  
 $-(25\pi\cos((181\pi)/400))/4$ ,  $-(25\pi\cos((9\pi)/20))/4$ ,  $-(25\pi\cos((179\pi)/400))/4$ ,  
 $-(25\pi\cos((89\pi)/200))/4$ ,  $-(25\pi\cos((177\pi)/400))/4$ ,  $-(25\pi\cos((11\pi)/25))/4$ ,  
 $-(25\pi\cos((7\pi)/16))/4$ ,  $-(25\pi\cos((87\pi)/200))/4$ ,  $-(25\pi\cos((173\pi)/400))/4$ ,  
 $-(25\pi\cos((43\pi)/100))/4$ ,  $-(25\pi\cos((171\pi)/400))/4$ ,  $-(25\pi\cos((17\pi)/40))/4$ ,  
 $-(25\pi\cos((169\pi)/400))/4$ ,  $-(25\pi\cos((21\pi)/50))/4$ , -  
 $(25\pi\cos((167\pi)/400))/4$ ,  $-(25\pi\cos((83\pi)/200))/4$ ,  $-(25\pi\cos((33\pi)/80))/4$ ,  
 $-(25\pi\cos((41\pi)/100))/4$ ,  $-(25\pi\cos((163\pi)/400))/4$ , -  
 $(25\pi\cos((81\pi)/200))/4$ ,  $-(25\pi\cos((161\pi)/400))/4$ ,  $-(25\pi(5^{(1/2)}/4 - 1/4))/4$ ,  
 $-(25\pi\cos((159\pi)/400))/4$ ,  $-(25\pi\cos((79\pi)/200))/4$ , -  
 $(25\pi\cos((157\pi)/400))/4$ ,  $-(25\pi\cos((39\pi)/100))/4$ ,  $-(25\pi\cos((31\pi)/80))/4$ ,  
 $-(25\pi\cos((77\pi)/200))/4$ ,  $-(25\pi\cos((153\pi)/400))/4$ ,  $-(25\pi\cos((19\pi)/50))/4$ ,  
 $-(25\pi\cos((151\pi)/400))/4$ ,  $-(25\pi(2 - 2^{(1/2)})^{(1/2)})/8$ , -  
 $(25\pi\cos((149\pi)/400))/4$ ,  $-(25\pi\cos((37\pi)/100))/4$ , -  
 $(25\pi\cos((147\pi)/400))/4$ ,  $-(25\pi\cos((73\pi)/200))/4$ ,  $-(25\pi\cos((29\pi)/80))/4$ ,  
 $-(25\pi\cos((9\pi)/25))/4$ ,  $-(25\pi\cos((143\pi)/400))/4$ ,  $-(25\pi\cos((71\pi)/200))/4$ ,  
 $-(25\pi\cos((141\pi)/400))/4$ ,  $-(25\pi\cos((7\pi)/20))/4$ ,  $-(25\pi\cos((139\pi)/400))/4$ ,  
 $-(25\pi\cos((69\pi)/200))/4$ ,  $-(25\pi\cos((137\pi)/400))/4$ ,  $-(25\pi\cos((17\pi)/50))/4$ ,  
 $-(25\pi\cos((27\pi)/80))/4$ ,  $-(25\pi\cos((67\pi)/200))/4$ ,  $-(25\pi\cos((133\pi)/400))/4$ ,  
 $-(25\pi\cos((33\pi)/100))/4$ ,  $-(25\pi\cos((131\pi)/400))/4$ ,  $-(25\pi\cos((13\pi)/40))/4$ ,  
 $-(25\pi\cos((129\pi)/400))/4$ ,  $-(25\pi\cos((8\pi)/25))/4$ ,  $-(25\pi\cos((127\pi)/400))/4$ ,  
 $-(25\pi\cos((63\pi)/200))/4$ ,  $-(25\pi\cos((5\pi)/16))/4$ ,  $-(25\pi\cos((31\pi)/100))/4$ , -  
 $(25\pi\cos((123\pi)/400))/4$ ,  $-(25\pi\cos((61\pi)/200))/4$ , -  
 $(25\pi\cos((121\pi)/400))/4$ ,  $-(25\pi 2^{(1/2)}\pi(5 - 5^{(1/2)})^{(1/2)})/16$ , -  
 $(25\pi\cos((119\pi)/400))/4$ ,  $-(25\pi\cos((59\pi)/200))/4$ , -  
 $(25\pi\cos((117\pi)/400))/4$ ,  $-(25\pi\cos((29\pi)/100))/4$ ,  $-(25\pi\cos((23\pi)/80))/4$ ,  
 $-(25\pi\cos((57\pi)/200))/4$ ,  $-(25\pi\cos((113\pi)/400))/4$ ,  $-(25\pi\cos((7\pi)/25))/4$ ,  
 $-(25\pi\cos((111\pi)/400))/4$ ,  $-(25\pi\cos((11\pi)/40))/4$ , -  
 $(25\pi\cos((109\pi)/400))/4$ ,  $-(25\pi\cos((27\pi)/100))/4$ , -  
 $(25\pi\cos((107\pi)/400))/4$ ,  $-(25\pi\cos((53\pi)/200))/4$ ,  $-(25\pi\cos((21\pi)/80))/4$ ,  
 $-(25\pi\cos((13\pi)/50))/4$ ,  $-(25\pi\cos((103\pi)/400))/4$ ,  $-(25\pi\cos((51\pi)/200))/4$ ,

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

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

$-(25\pi\cos((191\pi)/400))/4, -(25\pi\cos((12\pi)/25))/4, -$   
 $(25\pi\cos((193\pi)/400))/4, -(25\pi\cos((97\pi)/200))/4, -(25\pi\cos((39\pi)/80))/4,$   
 $-(25\pi\cos((49\pi)/100))/4, -(25\pi\cos((197\pi)/400))/4, -$   
 $(25\pi\cos((99\pi)/200))/4, -(25\pi\cos((199\pi)/400))/4, 0,$   
 $(25\pi\cos((199\pi)/400))/4, (25\pi\cos((99\pi)/200))/4, (25\pi\cos((197\pi)/400))/4,$   
 $(25\pi\cos((49\pi)/100))/4, (25\pi\cos((39\pi)/80))/4, (25\pi\cos((97\pi)/200))/4,$   
 $(25\pi\cos((193\pi)/400))/4, (25\pi\cos((12\pi)/25))/4, (25\pi\cos((191\pi)/400))/4,$   
 $(25\pi\cos((19\pi)/40))/4, (25\pi\cos((189\pi)/400))/4, (25\pi\cos((47\pi)/100))/4,$   
 $(25\pi\cos((187\pi)/400))/4, (25\pi\cos((93\pi)/200))/4, (25\pi\cos((37\pi)/80))/4,$   
 $(25\pi\cos((23\pi)/50))/4, (25\pi\cos((183\pi)/400))/4, (25\pi\cos((91\pi)/200))/4,$   
 $(25\pi\cos((181\pi)/400))/4, (25\pi\cos((9\pi)/20))/4, (25\pi\cos((179\pi)/400))/4,$   
 $(25\pi\cos((89\pi)/200))/4, (25\pi\cos((177\pi)/400))/4, (25\pi\cos((11\pi)/25))/4,$   
 $(25\pi\cos((7\pi)/16))/4, (25\pi\cos((87\pi)/200))/4, (25\pi\cos((173\pi)/400))/4,$   
 $(25\pi\cos((43\pi)/100))/4, (25\pi\cos((171\pi)/400))/4, (25\pi\cos((17\pi)/40))/4,$   
 $(25\pi\cos((169\pi)/400))/4, (25\pi\cos((21\pi)/50))/4, (25\pi\cos((167\pi)/400))/4,$   
 $(25\pi\cos((83\pi)/200))/4, (25\pi\cos((33\pi)/80))/4, (25\pi\cos((41\pi)/100))/4,$   
 $(25\pi\cos((163\pi)/400))/4, (25\pi\cos((81\pi)/200))/4, (25\pi\cos((161\pi)/400))/4,$   
 $(25\pi\cos((5^{1/2}/4 - 1/4))/4, (25\pi\cos((159\pi)/400))/4, (25\pi\cos((79\pi)/200))/4,$   
 $(25\pi\cos((157\pi)/400))/4, (25\pi\cos((39\pi)/100))/4, (25\pi\cos((31\pi)/80))/4,$   
 $(25\pi\cos((77\pi)/200))/4, (25\pi\cos((153\pi)/400))/4, (25\pi\cos((19\pi)/50))/4,$   
 $(25\pi\cos((151\pi)/400))/4, (25\pi\cos((2 - 2^{1/2})^{1/2}))/8,$   
 $(25\pi\cos((149\pi)/400))/4, (25\pi\cos((37\pi)/100))/4, (25\pi\cos((147\pi)/400))/4,$   
 $(25\pi\cos((73\pi)/200))/4, (25\pi\cos((29\pi)/80))/4, (25\pi\cos((9\pi)/25))/4,$   
 $(25\pi\cos((143\pi)/400))/4, (25\pi\cos((71\pi)/200))/4, (25\pi\cos((141\pi)/400))/4,$   
 $(25\pi\cos((7\pi)/20))/4, (25\pi\cos((139\pi)/400))/4, (25\pi\cos((69\pi)/200))/4,$   
 $(25\pi\cos((137\pi)/400))/4, (25\pi\cos((17\pi)/50))/4, (25\pi\cos((27\pi)/80))/4,$   
 $(25\pi\cos((67\pi)/200))/4, (25\pi\cos((133\pi)/400))/4, (25\pi\cos((33\pi)/100))/4,$   
 $(25\pi\cos((131\pi)/400))/4, (25\pi\cos((13\pi)/40))/4, (25\pi\cos((129\pi)/400))/4,$   
 $(25\pi\cos((8\pi)/25))/4, (25\pi\cos((127\pi)/400))/4, (25\pi\cos((63\pi)/200))/4,$   
 $(25\pi\cos((5\pi)/16))/4, (25\pi\cos((31\pi)/100))/4, (25\pi\cos((123\pi)/400))/4,$   
 $(25\pi\cos((61\pi)/200))/4, (25\pi\cos((121\pi)/400))/4, (25\cdot 2^{1/2}\pi(5 -$   
 $5^{1/2})^{1/2})/16, (25\pi\cos((119\pi)/400))/4, (25\pi\cos((59\pi)/200))/4,$   
 $(25\pi\cos((117\pi)/400))/4, (25\pi\cos((29\pi)/100))/4, (25\pi\cos((23\pi)/80))/4,$   
 $(25\pi\cos((57\pi)/200))/4, (25\pi\cos((113\pi)/400))/4, (25\pi\cos((7\pi)/25))/4,$   
 $(25\pi\cos((111\pi)/400))/4, (25\pi\cos((11\pi)/40))/4, (25\pi\cos((109\pi)/400))/4,$   
 $(25\pi\cos((27\pi)/100))/4, (25\pi\cos((107\pi)/400))/4, (25\pi\cos((53\pi)/200))/4,$   
 $(25\pi\cos((21\pi)/80))/4, (25\pi\cos((13\pi)/50))/4, (25\pi\cos((103\pi)/400))/4,$   
 $(25\pi\cos((51\pi)/200))/4, (25\pi\cos((101\pi)/400))/4, (25\pi\cos(2^{1/2}))/8,$   
 $(25\pi\cos((99\pi)/400))/4, (25\pi\cos((49\pi)/200))/4, (25\pi\cos((97\pi)/400))/4,$   
 $(25\pi\cos((6\pi)/25))/4, (25\pi\cos((19\pi)/80))/4, (25\pi\cos((47\pi)/200))/4,$   
 $(25\pi\cos((93\pi)/400))/4, (25\pi\cos((23\pi)/100))/4, (25\pi\cos((91\pi)/400))/4,$   
 $(25\pi\cos((9\pi)/40))/4, (25\pi\cos((89\pi)/400))/4, (25\pi\cos((11\pi)/50))/4,$   
 $(25\pi\cos((87\pi)/400))/4, (25\pi\cos((43\pi)/200))/4, (25\pi\cos((17\pi)/80))/4,$   
 $(25\pi\cos((21\pi)/100))/4, (25\pi\cos((83\pi)/400))/4, (25\pi\cos((41\pi)/200))/4,$   
 $(25\pi\cos((81\pi)/400))/4, (25\pi\cos(5^{1/2}/4 + 1/4))/4, (25\pi\cos((79\pi)/400))/4,$   
 $(25\pi\cos((39\pi)/200))/4, (25\pi\cos((77\pi)/400))/4, (25\pi\cos((19\pi)/100))/4,$   
 $(25\pi\cos((3\pi)/16))/4, (25\pi\cos((37\pi)/200))/4, (25\pi\cos((73\pi)/400))/4,$   
 $(25\pi\cos((9\pi)/50))/4, (25\pi\cos((71\pi)/400))/4, (25\pi\cos((7\pi)/40))/4,$   
 $(25\pi\cos((69\pi)/400))/4, (25\pi\cos((17\pi)/100))/4, (25\pi\cos((67\pi)/400))/4,$   
 $(25\pi\cos((33\pi)/200))/4, (25\pi\cos((13\pi)/80))/4, (25\pi\cos((4\pi)/25))/4,$   
 $(25\pi\cos((63\pi)/400))/4, (25\pi\cos((31\pi)/200))/4, (25\pi\cos((61\pi)/400))/4,$



$(25\pi \cos((3\pi)/20))/4$ ,  $(25\pi \cos((59\pi)/400))/4$ ,  $(25\pi \cos((29\pi)/200))/4$ ,  
 $(25\pi \cos((57\pi)/400))/4$ ,  $(25\pi \cos((7\pi)/50))/4$ ,  $(25\pi \cos((11\pi)/80))/4$ ,  
 $(25\pi \cos((27\pi)/200))/4$ ,  $(25\pi \cos((53\pi)/400))/4$ ,  $(25\pi \cos((13\pi)/100))/4$ ,  
 $(25\pi \cos((51\pi)/400))/4$ ,  $(25\pi * (2^{(1/2)} + 2)^{(1/2)})/8$ ,  $(25\pi \cos((49\pi)/400))/4$ ,  
 $(25\pi \cos((3\pi)/25))/4$ ,  $(25\pi \cos((47\pi)/400))/4$ ,  $(25\pi \cos((23\pi)/200))/4$ ,  
 $(25\pi \cos((9\pi)/80))/4$ ,  $(25\pi \cos((11\pi)/100))/4$ ,  $(25\pi \cos((43\pi)/400))/4$ ,  
 $(25\pi \cos((21\pi)/200))/4$ ,  $(25\pi \cos((41\pi)/400))/4$ ,  $(25\pi * 2^{(1/2)} * (5^{(1/2)} + 5)^{(1/2)})/16$ ,  $(25\pi \cos((39\pi)/400))/4$ ,  $(25\pi \cos((19\pi)/200))/4$ ,  
 $(25\pi \cos((37\pi)/400))/4$ ,  $(25\pi \cos((9\pi)/100))/4$ ,  $(25\pi \cos((7\pi)/80))/4$ ,  
 $(25\pi \cos((17\pi)/200))/4$ ,  $(25\pi \cos((33\pi)/400))/4$ ,  $(25\pi \cos((2\pi)/25))/4$ ,  
 $(25\pi \cos((31\pi)/400))/4$ ,  $(25\pi \cos((3\pi)/40))/4$ ,  $(25\pi \cos((29\pi)/400))/4$ ,  
 $(25\pi \cos((7\pi)/100))/4$ ,  $(25\pi \cos((27\pi)/400))/4$ ,  $(25\pi \cos((13\pi)/200))/4$ ,  
 $(25\pi \cos(\pi/16))/4$ ,  $(25\pi \cos((3\pi)/50))/4$ ,  $(25\pi \cos((23\pi)/400))/4$ ,  
 $(25\pi \cos((11\pi)/200))/4$ ,  $(25\pi \cos((21\pi)/400))/4$ ,  $(25\pi \cos(\pi/20))/4$ ,  
 $(25\pi \cos((19\pi)/400))/4$ ,  $(25\pi \cos((9\pi)/200))/4$ ,  $(25\pi \cos((17\pi)/400))/4$ ,  
 $(25\pi \cos(\pi/25))/4$ ,  $(25\pi \cos((3\pi)/80))/4$ ,  $(25\pi \cos((7\pi)/200))/4$ ,  
 $(25\pi \cos((13\pi)/400))/4$ ,  $(25\pi \cos((3\pi)/100))/4$ ,  $(25\pi \cos((11\pi)/400))/4$ ,  
 $(25\pi \cos(\pi/40))/4$ ,  $(25\pi \cos((9\pi)/400))/4$ ,  $(25\pi \cos(\pi/50))/4$ ,  
 $(25\pi \cos((7\pi)/400))/4$ ,  $(25\pi \cos((3\pi)/200))/4$ ,  $(25\pi \cos(\pi/80))/4$ ,  
 $(25\pi \cos(\pi/100))/4$ ,  $(25\pi \cos((3\pi)/400))/4$ ,  $(25\pi \cos(\pi/200))/4$ ,  
 $(25\pi \cos(\pi/400))/4$ ,  $(25\pi)/4$ ,  $(25\pi \cos(\pi/400))/4$ ,  $(25\pi \cos(\pi/200))/4$ ,  
 $(25\pi \cos((3\pi)/400))/4$ ,  $(25\pi \cos(\pi/100))/4$ ,  $(25\pi \cos(\pi/80))/4$ ,  
 $(25\pi \cos((3\pi)/200))/4$ ,  $(25\pi \cos((7\pi)/400))/4$ ,  $(25\pi \cos(\pi/50))/4$ ,  
 $(25\pi \cos((9\pi)/400))/4$ ,  $(25\pi \cos(\pi/40))/4$ ,  $(25\pi \cos((11\pi)/400))/4$ ,  
 $(25\pi \cos((3\pi)/100))/4$ ,  $(25\pi \cos((13\pi)/400))/4$ ,  $(25\pi \cos((7\pi)/200))/4$ ,  
 $(25\pi \cos((3\pi)/80))/4$ ,  $(25\pi \cos(\pi/25))/4$ ,  $(25\pi \cos((17\pi)/400))/4$ ,  
 $(25\pi \cos((9\pi)/200))/4$ ,  $(25\pi \cos((19\pi)/400))/4$ ,  $(25\pi \cos(\pi/20))/4$ ,  
 $(25\pi \cos((21\pi)/400))/4$ ,  $(25\pi \cos((11\pi)/200))/4$ ,  $(25\pi \cos((23\pi)/400))/4$ ,  
 $(25\pi \cos((3\pi)/50))/4$ ,  $(25\pi \cos(\pi/16))/4$ ,  $(25\pi \cos((13\pi)/200))/4$ ,  
 $(25\pi \cos((27\pi)/400))/4$ ,  $(25\pi \cos((7\pi)/100))/4$ ,  $(25\pi \cos((29\pi)/400))/4$ ,  
 $(25\pi \cos((3\pi)/40))/4$ ,  $(25\pi \cos((31\pi)/400))/4$ ,  $(25\pi \cos((2\pi)/25))/4$ ,  
 $(25\pi \cos((33\pi)/400))/4$ ,  $(25\pi \cos((17\pi)/200))/4$ ,  $(25\pi \cos((7\pi)/80))/4$ ,  
 $(25\pi \cos((9\pi)/100))/4$ ,  $(25\pi \cos((37\pi)/400))/4$ ,  $(25\pi \cos((19\pi)/200))/4$ ,  
 $(25\pi \cos((39\pi)/400))/4$ ,  $(25\pi * 2^{(1/2)} * (5^{(1/2)} + 5)^{(1/2)})/16$ ,  
 $(25\pi \cos((41\pi)/400))/4$ ,  $(25\pi \cos((21\pi)/200))/4$ ,  $(25\pi \cos((43\pi)/400))/4$ ,  
 $(25\pi \cos((11\pi)/100))/4$ ,  $(25\pi \cos((9\pi)/80))/4$ ,  $(25\pi \cos((23\pi)/200))/4$ ,  
 $(25\pi \cos((47\pi)/400))/4$ ,  $(25\pi \cos((3\pi)/25))/4$ ,  $(25\pi \cos((49\pi)/400))/4$ ,  
 $(25\pi * (2^{(1/2)} + 2)^{(1/2)})/8$ ,  $(25\pi \cos((51\pi)/400))/4$ ,  $(25\pi \cos((13\pi)/100))/4$ ,  
 $(25\pi \cos((53\pi)/400))/4$ ,  $(25\pi \cos((27\pi)/200))/4$ ,  $(25\pi \cos((11\pi)/80))/4$ ,  
 $(25\pi \cos((7\pi)/50))/4$ ,  $(25\pi \cos((57\pi)/400))/4$ ,  $(25\pi \cos((29\pi)/200))/4$ ,  
 $(25\pi \cos((59\pi)/400))/4$ ,  $(25\pi \cos((3\pi)/20))/4$ ,  $(25\pi \cos((61\pi)/400))/4$ ,  
 $(25\pi \cos((31\pi)/200))/4$ ,  $(25\pi \cos((63\pi)/400))/4$ ,  $(25\pi \cos((4\pi)/25))/4$ ,  
 $(25\pi \cos((13\pi)/80))/4$ ,  $(25\pi \cos((33\pi)/200))/4$ ,  $(25\pi \cos((67\pi)/400))/4$ ,  
 $(25\pi \cos((17\pi)/100))/4$ ,  $(25\pi \cos((69\pi)/400))/4$ ,  $(25\pi \cos((7\pi)/40))/4$ ,  
 $(25\pi \cos((71\pi)/400))/4$ ,  $(25\pi \cos((9\pi)/50))/4$ ,  $(25\pi \cos((73\pi)/400))/4$ ,  
 $(25\pi \cos((37\pi)/200))/4$ ,  $(25\pi \cos((3\pi)/16))/4$ ,  $(25\pi \cos((19\pi)/100))/4$ ,  
 $(25\pi \cos((77\pi)/400))/4$ ,  $(25\pi \cos((39\pi)/200))/4$ ,  $(25\pi \cos((79\pi)/400))/4$ ,  
 $(25\pi * (5^{(1/2)}/4 + 1/4))/4$ ,  $(25\pi \cos((81\pi)/400))/4$ ,  $(25\pi \cos((41\pi)/200))/4$ ,  
 $(25\pi \cos((83\pi)/400))/4$ ,  $(25\pi \cos((21\pi)/100))/4$ ,  $(25\pi \cos((17\pi)/80))/4$ ,  
 $(25\pi \cos((43\pi)/200))/4$ ,  $(25\pi \cos((87\pi)/400))/4$ ,  $(25\pi \cos((11\pi)/50))/4$ ,  
 $(25\pi \cos((89\pi)/400))/4$ ,  $(25\pi \cos((9\pi)/40))/4$ ,  $(25\pi \cos((91\pi)/400))/4$ ,

$(25\pi\cos((23\pi)/100))/4$ ,  $(25\pi\cos((93\pi)/400))/4$ ,  $(25\pi\cos((47\pi)/200))/4$ ,  
 $(25\pi\cos((19\pi)/80))/4$ ,  $(25\pi\cos((6\pi)/25))/4$ ,  $(25\pi\cos((97\pi)/400))/4$ ,  
 $(25\pi\cos((49\pi)/200))/4$ ,  $(25\pi\cos((99\pi)/400))/4$ ,  $(25\pi\cdot 2^{(1/2)})/8$ ,  
 $(25\pi\cos((101\pi)/400))/4$ ,  $(25\pi\cos((51\pi)/200))/4$ ,  $(25\pi\cos((103\pi)/400))/4$ ,  
 $(25\pi\cos((13\pi)/50))/4$ ,  $(25\pi\cos((21\pi)/80))/4$ ,  $(25\pi\cos((53\pi)/200))/4$ ,  
 $(25\pi\cos((107\pi)/400))/4$ ,  $(25\pi\cos((27\pi)/100))/4$ ,  $(25\pi\cos((109\pi)/400))/4$ ,  
 $(25\pi\cos((11\pi)/40))/4$ ,  $(25\pi\cos((111\pi)/400))/4$ ,  $(25\pi\cos((7\pi)/25))/4$ ,  
 $(25\pi\cos((113\pi)/400))/4$ ,  $(25\pi\cos((57\pi)/200))/4$ ,  $(25\pi\cos((23\pi)/80))/4$ ,  
 $(25\pi\cos((29\pi)/100))/4$ ,  $(25\pi\cos((117\pi)/400))/4$ ,  $(25\pi\cos((59\pi)/200))/4$ ,  
 $(25\pi\cos((119\pi)/400))/4$ ,  $(25\cdot 2^{(1/2)}\pi\cdot (5 - 5^{(1/2)})^{(1/2)})/16$ ,  
 $(25\pi\cos((121\pi)/400))/4$ ,  $(25\pi\cos((61\pi)/200))/4$ ,  $(25\pi\cos((123\pi)/400))/4$ ,  
 $(25\pi\cos((31\pi)/100))/4$ ,  $(25\pi\cos((5\pi)/16))/4$ ,  $(25\pi\cos((63\pi)/200))/4$ ,  
 $(25\pi\cos((127\pi)/400))/4$ ,  $(25\pi\cos((8\pi)/25))/4$ ,  $(25\pi\cos((129\pi)/400))/4$ ,  
 $(25\pi\cos((13\pi)/40))/4$ ,  $(25\pi\cos((131\pi)/400))/4$ ,  $(25\pi\cos((33\pi)/100))/4$ ,  
 $(25\pi\cos((133\pi)/400))/4$ ,  $(25\pi\cos((67\pi)/200))/4$ ,  $(25\pi\cos((27\pi)/80))/4$ ,  
 $(25\pi\cos((17\pi)/50))/4$ ,  $(25\pi\cos((137\pi)/400))/4$ ,  $(25\pi\cos((69\pi)/200))/4$ ,  
 $(25\pi\cos((139\pi)/400))/4$ ,  $(25\pi\cos((7\pi)/20))/4$ ,  $(25\pi\cos((141\pi)/400))/4$ ,  
 $(25\pi\cos((71\pi)/200))/4$ ,  $(25\pi\cos((143\pi)/400))/4$ ,  $(25\pi\cos((9\pi)/25))/4$ ,  
 $(25\pi\cos((29\pi)/80))/4$ ,  $(25\pi\cos((73\pi)/200))/4$ ,  $(25\pi\cos((147\pi)/400))/4$ ,  
 $(25\pi\cos((37\pi)/100))/4$ ,  $(25\pi\cos((149\pi)/400))/4$ ,  $(25\pi\cdot (2 - 2^{(1/2)})^{(1/2)})/8$ ,  
 $(25\pi\cos((151\pi)/400))/4$ ,  $(25\pi\cos((19\pi)/50))/4$ ,  
 $(25\pi\cos((153\pi)/400))/4$ ,  $(25\pi\cos((77\pi)/200))/4$ ,  $(25\pi\cos((31\pi)/80))/4$ ,  
 $(25\pi\cos((39\pi)/100))/4$ ,  $(25\pi\cos((157\pi)/400))/4$ ,  $(25\pi\cos((79\pi)/200))/4$ ,  
 $(25\pi\cos((159\pi)/400))/4$ ,  $(25\pi\cdot (5^{(1/2)}/4 - 1/4))/4$ ,  $(25\pi\cos((161\pi)/400))/4$ ,  
 $(25\pi\cos((81\pi)/200))/4$ ,  $(25\pi\cos((163\pi)/400))/4$ ,  $(25\pi\cos((41\pi)/100))/4$ ,  
 $(25\pi\cos((33\pi)/80))/4$ ,  $(25\pi\cos((83\pi)/200))/4$ ,  $(25\pi\cos((167\pi)/400))/4$ ,  
 $(25\pi\cos((21\pi)/50))/4$ ,  $(25\pi\cos((169\pi)/400))/4$ ,  $(25\pi\cos((17\pi)/40))/4$ ,  
 $(25\pi\cos((171\pi)/400))/4$ ,  $(25\pi\cos((43\pi)/100))/4$ ,  $(25\pi\cos((173\pi)/400))/4$ ,  
 $(25\pi\cos((87\pi)/200))/4$ ,  $(25\pi\cos((7\pi)/16))/4$ ,  $(25\pi\cos((11\pi)/25))/4$ ,  
 $(25\pi\cos((177\pi)/400))/4$ ,  $(25\pi\cos((89\pi)/200))/4$ ,  $(25\pi\cos((179\pi)/400))/4$ ,  
 $(25\pi\cos((9\pi)/20))/4$ ,  $(25\pi\cos((181\pi)/400))/4$ ,  $(25\pi\cos((91\pi)/200))/4$ ,  
 $(25\pi\cos((183\pi)/400))/4$ ,  $(25\pi\cos((23\pi)/50))/4$ ,  $(25\pi\cos((37\pi)/80))/4$ ,  
 $(25\pi\cos((93\pi)/200))/4$ ,  $(25\pi\cos((187\pi)/400))/4$ ,  $(25\pi\cos((47\pi)/100))/4$ ,  
 $(25\pi\cos((189\pi)/400))/4$ ,  $(25\pi\cos((19\pi)/40))/4$ ,  $(25\pi\cos((191\pi)/400))/4$ ,  
 $(25\pi\cos((12\pi)/25))/4$ ,  $(25\pi\cos((193\pi)/400))/4$ ,  $(25\pi\cos((97\pi)/200))/4$ ,  
 $(25\pi\cos((39\pi)/80))/4$ ,  $(25\pi\cos((49\pi)/100))/4$ ,  $(25\pi\cos((197\pi)/400))/4$ ,  
 $(25\pi\cos((99\pi)/200))/4$ ,  $(25\pi\cos((199\pi)/400))/4$ ,  $0$ ,  $-$   
 $(25\pi\cos((199\pi)/400))/4$ ,  $-(25\pi\cos((99\pi)/200))/4$ ,  $-$   
 $(25\pi\cos((197\pi)/400))/4$ ,  $-(25\pi\cos((49\pi)/100))/4$ ,  $-(25\pi\cos((39\pi)/80))/4$ ,  
 $-(25\pi\cos((97\pi)/200))/4$ ,  $-(25\pi\cos((193\pi)/400))/4$ ,  $-(25\pi\cos((12\pi)/25))/4$ ,  
 $-(25\pi\cos((191\pi)/400))/4$ ,  $-(25\pi\cos((19\pi)/40))/4$ ,  $-$   
 $(25\pi\cos((189\pi)/400))/4$ ,  $-(25\pi\cos((47\pi)/100))/4$ ,  $-$   
 $(25\pi\cos((187\pi)/400))/4$ ,  $-(25\pi\cos((93\pi)/200))/4$ ,  $-(25\pi\cos((37\pi)/80))/4$ ,  
 $-(25\pi\cos((23\pi)/50))/4$ ,  $-(25\pi\cos((183\pi)/400))/4$ ,  $-(25\pi\cos((91\pi)/200))/4$ ,  
 $-(25\pi\cos((181\pi)/400))/4$ ,  $-(25\pi\cos((9\pi)/20))/4$ ,  $-(25\pi\cos((179\pi)/400))/4$ ,  
 $-(25\pi\cos((89\pi)/200))/4$ ,  $-(25\pi\cos((177\pi)/400))/4$ ,  $-(25\pi\cos((11\pi)/25))/4$ ,  
 $-(25\pi\cos((7\pi)/16))/4$ ,  $-(25\pi\cos((87\pi)/200))/4$ ,  $-(25\pi\cos((173\pi)/400))/4$ ,  
 $-(25\pi\cos((43\pi)/100))/4$ ,  $-(25\pi\cos((171\pi)/400))/4$ ,  $-(25\pi\cos((17\pi)/40))/4$ ,  
 $-(25\pi\cos((169\pi)/400))/4$ ,  $-(25\pi\cos((21\pi)/50))/4$ ,  $-$   
 $(25\pi\cos((167\pi)/400))/4$ ,  $-(25\pi\cos((83\pi)/200))/4$ ,  $-(25\pi\cos((33\pi)/80))/4$ ,  
 $-(25\pi\cos((41\pi)/100))/4$ ,  $-(25\pi\cos((163\pi)/400))/4$ ,  $-$

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

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

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

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

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

$(25\pi\cos((87\pi)/200))/4, (25\pi\cos((7\pi)/16))/4, (25\pi\cos((11\pi)/25))/4,$   
 $(25\pi\cos((177\pi)/400))/4, (25\pi\cos((89\pi)/200))/4, (25\pi\cos((179\pi)/400))/4,$   
 $(25\pi\cos((9\pi)/20))/4, (25\pi\cos((181\pi)/400))/4, (25\pi\cos((91\pi)/200))/4,$   
 $(25\pi\cos((183\pi)/400))/4, (25\pi\cos((23\pi)/50))/4, (25\pi\cos((37\pi)/80))/4,$   
 $(25\pi\cos((93\pi)/200))/4, (25\pi\cos((187\pi)/400))/4, (25\pi\cos((47\pi)/100))/4,$   
 $(25\pi\cos((189\pi)/400))/4, (25\pi\cos((19\pi)/40))/4, (25\pi\cos((191\pi)/400))/4,$   
 $(25\pi\cos((12\pi)/25))/4, (25\pi\cos((193\pi)/400))/4, (25\pi\cos((97\pi)/200))/4,$   
 $(25\pi\cos((39\pi)/80))/4, (25\pi\cos((49\pi)/100))/4, (25\pi\cos((197\pi)/400))/4,$   
 $(25\pi\cos((99\pi)/200))/4, (25\pi\cos((199\pi)/400))/4, 0, -$   
 $(25\pi\cos((199\pi)/400))/4, -(25\pi\cos((99\pi)/200))/4, -$   
 $(25\pi\cos((197\pi)/400))/4, -(25\pi\cos((49\pi)/100))/4, -(25\pi\cos((39\pi)/80))/4,$   
 $-(25\pi\cos((97\pi)/200))/4, -(25\pi\cos((193\pi)/400))/4, -(25\pi\cos((12\pi)/25))/4,$   
 $-(25\pi\cos((191\pi)/400))/4, -(25\pi\cos((19\pi)/40))/4, -$   
 $(25\pi\cos((189\pi)/400))/4, -(25\pi\cos((47\pi)/100))/4, -$   
 $(25\pi\cos((187\pi)/400))/4, -(25\pi\cos((93\pi)/200))/4, -(25\pi\cos((37\pi)/80))/4,$   
 $-(25\pi\cos((23\pi)/50))/4, -(25\pi\cos((183\pi)/400))/4, -(25\pi\cos((91\pi)/200))/4,$   
 $-(25\pi\cos((181\pi)/400))/4, -(25\pi\cos((9\pi)/20))/4, -(25\pi\cos((179\pi)/400))/4,$   
 $-(25\pi\cos((89\pi)/200))/4, -(25\pi\cos((177\pi)/400))/4, -(25\pi\cos((11\pi)/25))/4,$   
 $-(25\pi\cos((7\pi)/16))/4, -(25\pi\cos((87\pi)/200))/4, -(25\pi\cos((173\pi)/400))/4,$   
 $-(25\pi\cos((43\pi)/100))/4, -(25\pi\cos((171\pi)/400))/4, -(25\pi\cos((17\pi)/40))/4,$   
 $-(25\pi\cos((169\pi)/400))/4, -(25\pi\cos((21\pi)/50))/4, -$   
 $(25\pi\cos((167\pi)/400))/4, -(25\pi\cos((83\pi)/200))/4, -(25\pi\cos((33\pi)/80))/4,$   
 $-(25\pi\cos((41\pi)/100))/4, -(25\pi\cos((163\pi)/400))/4, -$   
 $(25\pi\cos((81\pi)/200))/4, -(25\pi\cos((161\pi)/400))/4, -(25\pi\cos((5^{1/2})/4 -$   
 $1/4))/4, -(25\pi\cos((159\pi)/400))/4, -(25\pi\cos((79\pi)/200))/4, -$   
 $(25\pi\cos((157\pi)/400))/4, -(25\pi\cos((39\pi)/100))/4, -(25\pi\cos((31\pi)/80))/4,$   
 $-(25\pi\cos((77\pi)/200))/4, -(25\pi\cos((153\pi)/400))/4, -(25\pi\cos((19\pi)/50))/4,$   
 $-(25\pi\cos((151\pi)/400))/4, -(25\pi\cos((2 - 2^{1/2})^{1/2}))/8, -$   
 $(25\pi\cos((149\pi)/400))/4, -(25\pi\cos((37\pi)/100))/4, -$   
 $(25\pi\cos((147\pi)/400))/4, -(25\pi\cos((73\pi)/200))/4, -(25\pi\cos((29\pi)/80))/4,$   
 $-(25\pi\cos((9\pi)/25))/4, -(25\pi\cos((143\pi)/400))/4, -(25\pi\cos((71\pi)/200))/4,$   
 $-(25\pi\cos((141\pi)/400))/4, -(25\pi\cos((7\pi)/20))/4, -(25\pi\cos((139\pi)/400))/4,$   
 $-(25\pi\cos((69\pi)/200))/4, -(25\pi\cos((137\pi)/400))/4, -(25\pi\cos((17\pi)/50))/4,$   
 $-(25\pi\cos((27\pi)/80))/4, -(25\pi\cos((67\pi)/200))/4, -(25\pi\cos((133\pi)/400))/4,$   
 $-(25\pi\cos((33\pi)/100))/4, -(25\pi\cos((131\pi)/400))/4, -(25\pi\cos((13\pi)/40))/4,$   
 $-(25\pi\cos((129\pi)/400))/4, -(25\pi\cos((8\pi)/25))/4, -(25\pi\cos((127\pi)/400))/4,$   
 $-(25\pi\cos((63\pi)/200))/4, -(25\pi\cos((5\pi)/16))/4, -(25\pi\cos((31\pi)/100))/4, -$   
 $(25\pi\cos((123\pi)/400))/4, -(25\pi\cos((61\pi)/200))/4, -$   
 $(25\pi\cos((121\pi)/400))/4, -(25\pi\cos((5 - 5^{1/2})^{1/2}))/16, -$   
 $(25\pi\cos((119\pi)/400))/4, -(25\pi\cos((59\pi)/200))/4, -$   
 $(25\pi\cos((117\pi)/400))/4, -(25\pi\cos((29\pi)/100))/4, -(25\pi\cos((23\pi)/80))/4,$   
 $-(25\pi\cos((57\pi)/200))/4, -(25\pi\cos((113\pi)/400))/4, -(25\pi\cos((7\pi)/25))/4,$   
 $-(25\pi\cos((111\pi)/400))/4, -(25\pi\cos((11\pi)/40))/4, -$   
 $(25\pi\cos((109\pi)/400))/4, -(25\pi\cos((27\pi)/100))/4, -$   
 $(25\pi\cos((107\pi)/400))/4, -(25\pi\cos((53\pi)/200))/4, -(25\pi\cos((21\pi)/80))/4,$   
 $-(25\pi\cos((13\pi)/50))/4, -(25\pi\cos((103\pi)/400))/4, -(25\pi\cos((51\pi)/200))/4,$   
 $-(25\pi\cos((101\pi)/400))/4, -(25\pi\cos((2^{1/2}))/8), -(25\pi\cos((99\pi)/400))/4, -$   
 $(25\pi\cos((49\pi)/200))/4, -(25\pi\cos((97\pi)/400))/4, -(25\pi\cos((6\pi)/25))/4, -$   
 $(25\pi\cos((19\pi)/80))/4, -(25\pi\cos((47\pi)/200))/4, -(25\pi\cos((93\pi)/400))/4, -$   
 $(25\pi\cos((23\pi)/100))/4, -(25\pi\cos((91\pi)/400))/4, -(25\pi\cos((9\pi)/40))/4, -$   
 $(25\pi\cos((89\pi)/400))/4, -(25\pi\cos((11\pi)/50))/4, -(25\pi\cos((87\pi)/400))/4, -$



$(25\pi \cos((43\pi)/200))/4, -(25\pi \cos((17\pi)/80))/4, -(25\pi \cos((21\pi)/100))/4, -$   
 $(25\pi \cos((83\pi)/400))/4, -(25\pi \cos((41\pi)/200))/4, -(25\pi \cos((81\pi)/400))/4,$   
 $-(25\pi \cos((5^{1/2})/4 + 1/4))/4, -(25\pi \cos((79\pi)/400))/4, -$   
 $(25\pi \cos((39\pi)/200))/4, -(25\pi \cos((77\pi)/400))/4, -(25\pi \cos((19\pi)/100))/4,$   
 $-(25\pi \cos((3\pi)/16))/4, -(25\pi \cos((37\pi)/200))/4, -(25\pi \cos((73\pi)/400))/4, -$   
 $(25\pi \cos((9\pi)/50))/4, -(25\pi \cos((71\pi)/400))/4, -(25\pi \cos((7\pi)/40))/4, -$   
 $(25\pi \cos((69\pi)/400))/4, -(25\pi \cos((17\pi)/100))/4, -(25\pi \cos((67\pi)/400))/4,$   
 $-(25\pi \cos((33\pi)/200))/4, -(25\pi \cos((13\pi)/80))/4, -(25\pi \cos((4\pi)/25))/4, -$   
 $(25\pi \cos((63\pi)/400))/4, -(25\pi \cos((31\pi)/200))/4, -(25\pi \cos((61\pi)/400))/4,$   
 $-(25\pi \cos((3\pi)/20))/4, -(25\pi \cos((59\pi)/400))/4, -(25\pi \cos((29\pi)/200))/4, -$   
 $(25\pi \cos((57\pi)/400))/4, -(25\pi \cos((7\pi)/50))/4, -(25\pi \cos((11\pi)/80))/4, -$   
 $(25\pi \cos((27\pi)/200))/4, -(25\pi \cos((53\pi)/400))/4, -(25\pi \cos((13\pi)/100))/4,$   
 $-(25\pi \cos((51\pi)/400))/4, -(25\pi \cos(2^{1/2} + 2^{1/2}))/8, -$   
 $(25\pi \cos((49\pi)/400))/4, -(25\pi \cos((3\pi)/25))/4, -(25\pi \cos((47\pi)/400))/4, -$   
 $(25\pi \cos((23\pi)/200))/4, -(25\pi \cos((9\pi)/80))/4, -(25\pi \cos((11\pi)/100))/4, -$   
 $(25\pi \cos((43\pi)/400))/4, -(25\pi \cos((21\pi)/200))/4, -(25\pi \cos((41\pi)/400))/4,$   
 $-(25\pi \cos(2^{1/2} * (5^{1/2} + 5)^{1/2}))/16, -(25\pi \cos((39\pi)/400))/4, -$   
 $(25\pi \cos((19\pi)/200))/4, -(25\pi \cos((37\pi)/400))/4, -(25\pi \cos((9\pi)/100))/4, -$   
 $(25\pi \cos((7\pi)/80))/4, -(25\pi \cos((17\pi)/200))/4, -(25\pi \cos((33\pi)/400))/4, -$   
 $(25\pi \cos((2\pi)/25))/4, -(25\pi \cos((31\pi)/400))/4, -(25\pi \cos((3\pi)/40))/4, -$   
 $(25\pi \cos((29\pi)/400))/4, -(25\pi \cos((7\pi)/100))/4, -(25\pi \cos((27\pi)/400))/4, -$   
 $(25\pi \cos((13\pi)/200))/4, -(25\pi \cos(\pi/16))/4, -(25\pi \cos((3\pi)/50))/4, -$   
 $(25\pi \cos((23\pi)/400))/4, -(25\pi \cos((11\pi)/200))/4, -(25\pi \cos((21\pi)/400))/4,$   
 $-(25\pi \cos(\pi/20))/4, -(25\pi \cos((19\pi)/400))/4, -(25\pi \cos((9\pi)/200))/4, -$   
 $(25\pi \cos((17\pi)/400))/4, -(25\pi \cos(\pi/25))/4, -(25\pi \cos((3\pi)/80))/4, -$   
 $(25\pi \cos((7\pi)/200))/4, -(25\pi \cos((13\pi)/400))/4, -(25\pi \cos((3\pi)/100))/4, -$   
 $(25\pi \cos((11\pi)/400))/4, -(25\pi \cos(\pi/40))/4, -(25\pi \cos((9\pi)/400))/4, -$   
 $(25\pi \cos(\pi/50))/4, -(25\pi \cos((7\pi)/400))/4, -(25\pi \cos((3\pi)/200))/4, -$   
 $(25\pi \cos(\pi/80))/4, -(25\pi \cos(\pi/100))/4, -(25\pi \cos((3\pi)/400))/4, -$   
 $(25\pi \cos(\pi/200))/4, -(25\pi \cos(\pi/400))/4, -(25\pi)/4, -(25\pi \cos(\pi/400))/4, -$   
 $(25\pi \cos(\pi/200))/4, -(25\pi \cos((3\pi)/400))/4, -(25\pi \cos(\pi/100))/4, -$   
 $(25\pi \cos(\pi/80))/4, -(25\pi \cos((3\pi)/200))/4, -(25\pi \cos((7\pi)/400))/4, -$   
 $(25\pi \cos(\pi/50))/4, -(25\pi \cos((9\pi)/400))/4, -(25\pi \cos(\pi/40))/4, -$   
 $(25\pi \cos((11\pi)/400))/4, -(25\pi \cos((3\pi)/100))/4, -(25\pi \cos((13\pi)/400))/4, -$   
 $(25\pi \cos((7\pi)/200))/4, -(25\pi \cos((3\pi)/80))/4, -(25\pi \cos(\pi/25))/4, -$   
 $(25\pi \cos((17\pi)/400))/4, -(25\pi \cos((9\pi)/200))/4, -(25\pi \cos((19\pi)/400))/4, -$   
 $(25\pi \cos(\pi/20))/4, -(25\pi \cos((21\pi)/400))/4, -(25\pi \cos((11\pi)/200))/4, -$   
 $(25\pi \cos((23\pi)/400))/4, -(25\pi \cos((3\pi)/50))/4, -(25\pi \cos(\pi/16))/4, -$   
 $(25\pi \cos((13\pi)/200))/4, -(25\pi \cos((27\pi)/400))/4, -(25\pi \cos((7\pi)/100))/4, -$   
 $(25\pi \cos((29\pi)/400))/4, -(25\pi \cos((3\pi)/40))/4, -(25\pi \cos((31\pi)/400))/4, -$   
 $(25\pi \cos((2\pi)/25))/4, -(25\pi \cos((33\pi)/400))/4, -(25\pi \cos((17\pi)/200))/4, -$   
 $(25\pi \cos((7\pi)/80))/4, -(25\pi \cos((9\pi)/100))/4, -(25\pi \cos((37\pi)/400))/4, -$   
 $(25\pi \cos((19\pi)/200))/4, -(25\pi \cos((39\pi)/400))/4, -(25\pi \cos(2^{1/2} * (5^{1/2} +$   
 $5)^{1/2}))/16, -(25\pi \cos((41\pi)/400))/4, -(25\pi \cos((21\pi)/200))/4, -$   
 $(25\pi \cos((43\pi)/400))/4, -(25\pi \cos((11\pi)/100))/4, -(25\pi \cos((9\pi)/80))/4, -$   
 $(25\pi \cos((23\pi)/200))/4, -(25\pi \cos((47\pi)/400))/4, -(25\pi \cos((3\pi)/25))/4, -$   
 $(25\pi \cos((49\pi)/400))/4, -(25\pi \cos(2^{1/2} + 2^{1/2}))/8, -$   
 $(25\pi \cos((51\pi)/400))/4, -(25\pi \cos((13\pi)/100))/4, -(25\pi \cos((53\pi)/400))/4,$   
 $-(25\pi \cos((27\pi)/200))/4, -(25\pi \cos((11\pi)/80))/4, -(25\pi \cos((7\pi)/50))/4, -$   
 $(25\pi \cos((57\pi)/400))/4, -(25\pi \cos((29\pi)/200))/4, -(25\pi \cos((59\pi)/400))/4,$   
 $-(25\pi \cos((3\pi)/20))/4, -(25\pi \cos((61\pi)/400))/4, -(25\pi \cos((31\pi)/200))/4, -$

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

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 $(25\pi \cos((19\pi)/40))/4$ ,  $(25\pi \cos((189\pi)/400))/4$ ,  $(25\pi \cos((47\pi)/100))/4$ ,  
 $(25\pi \cos((187\pi)/400))/4$ ,  $(25\pi \cos((93\pi)/200))/4$ ,  $(25\pi \cos((37\pi)/80))/4$ ,  
 $(25\pi \cos((23\pi)/50))/4$ ,  $(25\pi \cos((183\pi)/400))/4$ ,  $(25\pi \cos((91\pi)/200))/4$ ,  
 $(25\pi \cos((181\pi)/400))/4$ ,  $(25\pi \cos((9\pi)/20))/4$ ,  $(25\pi \cos((179\pi)/400))/4$ ,  
 $(25\pi \cos((89\pi)/200))/4$ ,  $(25\pi \cos((177\pi)/400))/4$ ,  $(25\pi \cos((11\pi)/25))/4$ ,  
 $(25\pi \cos((7\pi)/16))/4$ ,  $(25\pi \cos((87\pi)/200))/4$ ,  $(25\pi \cos((173\pi)/400))/4$ ,  
 $(25\pi \cos((43\pi)/100))/4$ ,  $(25\pi \cos((171\pi)/400))/4$ ,  $(25\pi \cos((17\pi)/40))/4$ ,  
 $(25\pi \cos((169\pi)/400))/4$ ,  $(25\pi \cos((21\pi)/50))/4$ ,  $(25\pi \cos((167\pi)/400))/4$ ,  
 $(25\pi \cos((83\pi)/200))/4$ ,  $(25\pi \cos((33\pi)/80))/4$ ,  $(25\pi \cos((41\pi)/100))/4$ ,  
 $(25\pi \cos((163\pi)/400))/4$ ,  $(25\pi \cos((81\pi)/200))/4$ ,  $(25\pi \cos((161\pi)/400))/4$ ,  
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 $(25\pi \cos((157\pi)/400))/4$ ,  $(25\pi \cos((39\pi)/100))/4$ ,  $(25\pi \cos((31\pi)/80))/4$ ,  
 $(25\pi \cos((77\pi)/200))/4$ ,  $(25\pi \cos((153\pi)/400))/4$ ,  $(25\pi \cos((19\pi)/50))/4$ ,  
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 $(25\pi \cos((149\pi)/400))/4$ ,  $(25\pi \cos((37\pi)/100))/4$ ,  $(25\pi \cos((147\pi)/400))/4$ ,  
 $(25\pi \cos((73\pi)/200))/4$ ,  $(25\pi \cos((29\pi)/80))/4$ ,  $(25\pi \cos((9\pi)/25))/4$ ,  
 $(25\pi \cos((143\pi)/400))/4$ ,  $(25\pi \cos((71\pi)/200))/4$ ,  $(25\pi \cos((141\pi)/400))/4$ ,  
 $(25\pi \cos((7\pi)/20))/4$ ,  $(25\pi \cos((139\pi)/400))/4$ ,  $(25\pi \cos((69\pi)/200))/4$ ,  
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 $(25\pi \cos((131\pi)/400))/4$ ,  $(25\pi \cos((13\pi)/40))/4$ ,  $(25\pi \cos((129\pi)/400))/4$ ,  
 $(25\pi \cos((8\pi)/25))/4$ ,  $(25\pi \cos((127\pi)/400))/4$ ,  $(25\pi \cos((63\pi)/200))/4$ ,  
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 $(25\pi \cos((61\pi)/200))/4$ ,  $(25\pi \cos((121\pi)/400))/4$ ,  $(25 \cdot 2^{1/2} \pi \cos(5 - 5^{1/2}))^{1/2}/16$ ,  
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 $(25\pi \cos((21\pi)/80))/4$ ,  $(25\pi \cos((13\pi)/50))/4$ ,  $(25\pi \cos((103\pi)/400))/4$ ,  
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 $(25\pi \cos((87\pi)/400))/4$ ,  $(25\pi \cos((43\pi)/200))/4$ ,  $(25\pi \cos((17\pi)/80))/4$ ,  
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 $(25\pi \cos((33\pi)/200))/4$ ,  $(25\pi \cos((13\pi)/80))/4$ ,  $(25\pi \cos((4\pi)/25))/4$ ,  
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 $(25\pi \cos((9\pi)/400))/4$ ,  $(25\pi \cos(\pi/40))/4$ ,  $(25\pi \cos((11\pi)/400))/4$ ,  
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 $(25\pi \cos((3\pi)/40))/4$ ,  $(25\pi \cos((31\pi)/400))/4$ ,  $(25\pi \cos((2\pi)/25))/4$ ,  
 $(25\pi \cos((33\pi)/400))/4$ ,  $(25\pi \cos((17\pi)/200))/4$ ,  $(25\pi \cos((7\pi)/80))/4$ ,  
 $(25\pi \cos((9\pi)/100))/4$ ,  $(25\pi \cos((37\pi)/400))/4$ ,  $(25\pi \cos((19\pi)/200))/4$ ,  
 $(25\pi \cos((39\pi)/400))/4$ ,  $(25\pi \cdot 2^{(1/2)} \cdot (5^{(1/2)} + 5)^{(1/2)})/16$ ,  
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 $(25\pi \cos((7\pi)/50))/4$ ,  $(25\pi \cos((57\pi)/400))/4$ ,  $(25\pi \cos((29\pi)/200))/4$ ,  
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 $(25\pi \cos((17\pi)/100))/4$ ,  $(25\pi \cos((69\pi)/400))/4$ ,  $(25\pi \cos((7\pi)/40))/4$ ,  
 $(25\pi \cos((71\pi)/400))/4$ ,  $(25\pi \cos((9\pi)/50))/4$ ,  $(25\pi \cos((73\pi)/400))/4$ ,  
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 $(25\pi \cos((89\pi)/400))/4$ ,  $(25\pi \cos((9\pi)/40))/4$ ,  $(25\pi \cos((91\pi)/400))/4$ ,  
 $(25\pi \cos((23\pi)/100))/4$ ,  $(25\pi \cos((93\pi)/400))/4$ ,  $(25\pi \cos((47\pi)/200))/4$ ,  
 $(25\pi \cos((19\pi)/80))/4$ ,  $(25\pi \cos((6\pi)/25))/4$ ,  $(25\pi \cos((97\pi)/400))/4$ ,  
 $(25\pi \cos((49\pi)/200))/4$ ,  $(25\pi \cos((99\pi)/400))/4$ ,  $(25\pi \cdot 2^{(1/2)})/8$ ,  
 $(25\pi \cos((101\pi)/400))/4$ ,  $(25\pi \cos((51\pi)/200))/4$ ,  $(25\pi \cos((103\pi)/400))/4$ ,  
 $(25\pi \cos((13\pi)/50))/4$ ,  $(25\pi \cos((21\pi)/80))/4$ ,  $(25\pi \cos((53\pi)/200))/4$ ,

$(25\pi \cos((107\pi)/400))/4, (25\pi \cos((27\pi)/100))/4, (25\pi \cos((109\pi)/400))/4,$   
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 $(25\pi \cos((13\pi)/40))/4, (25\pi \cos((131\pi)/400))/4, (25\pi \cos((33\pi)/100))/4,$   
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 $(25\pi \cos((17\pi)/50))/4, (25\pi \cos((137\pi)/400))/4, (25\pi \cos((69\pi)/200))/4,$   
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 $(25\pi \cos((71\pi)/200))/4, (25\pi \cos((143\pi)/400))/4, (25\pi \cos((9\pi)/25))/4,$   
 $(25\pi \cos((29\pi)/80))/4, (25\pi \cos((73\pi)/200))/4, (25\pi \cos((147\pi)/400))/4,$   
 $(25\pi \cos((37\pi)/100))/4, (25\pi \cos((149\pi)/400))/4, (25\pi \cdot (2 -$   
 $2^{(1/2)})^{(1/2)})/8, (25\pi \cos((151\pi)/400))/4, (25\pi \cos((19\pi)/50))/4,$   
 $(25\pi \cos((153\pi)/400))/4, (25\pi \cos((77\pi)/200))/4, (25\pi \cos((31\pi)/80))/4,$   
 $(25\pi \cos((39\pi)/100))/4, (25\pi \cos((157\pi)/400))/4, (25\pi \cos((79\pi)/200))/4,$   
 $(25\pi \cos((159\pi)/400))/4, (25\pi \cdot (5^{(1/2)}/4 - 1/4))/4, (25\pi \cos((161\pi)/400))/4,$   
 $(25\pi \cos((81\pi)/200))/4, (25\pi \cos((163\pi)/400))/4, (25\pi \cos((41\pi)/100))/4,$   
 $(25\pi \cos((33\pi)/80))/4, (25\pi \cos((83\pi)/200))/4, (25\pi \cos((167\pi)/400))/4,$   
 $(25\pi \cos((21\pi)/50))/4, (25\pi \cos((169\pi)/400))/4, (25\pi \cos((17\pi)/40))/4,$   
 $(25\pi \cos((171\pi)/400))/4, (25\pi \cos((43\pi)/100))/4, (25\pi \cos((173\pi)/400))/4,$   
 $(25\pi \cos((87\pi)/200))/4, (25\pi \cos((7\pi)/16))/4, (25\pi \cos((11\pi)/25))/4,$   
 $(25\pi \cos((177\pi)/400))/4, (25\pi \cos((89\pi)/200))/4, (25\pi \cos((179\pi)/400))/4,$   
 $(25\pi \cos((9\pi)/20))/4, (25\pi \cos((181\pi)/400))/4, (25\pi \cos((91\pi)/200))/4,$   
 $(25\pi \cos((183\pi)/400))/4, (25\pi \cos((23\pi)/50))/4, (25\pi \cos((37\pi)/80))/4,$   
 $(25\pi \cos((93\pi)/200))/4, (25\pi \cos((187\pi)/400))/4, (25\pi \cos((47\pi)/100))/4,$   
 $(25\pi \cos((189\pi)/400))/4, (25\pi \cos((19\pi)/40))/4, (25\pi \cos((191\pi)/400))/4,$   
 $(25\pi \cos((12\pi)/25))/4, (25\pi \cos((193\pi)/400))/4, (25\pi \cos((97\pi)/200))/4,$   
 $(25\pi \cos((39\pi)/80))/4, (25\pi \cos((49\pi)/100))/4, (25\pi \cos((197\pi)/400))/4,$   
 $(25\pi \cos((99\pi)/200))/4, (25\pi \cos((199\pi)/400))/4, 0, -$   
 $(25\pi \cos((199\pi)/400))/4, -(25\pi \cos((99\pi)/200))/4, -$   
 $(25\pi \cos((197\pi)/400))/4, -(25\pi \cos((49\pi)/100))/4, -(25\pi \cos((39\pi)/80))/4,$   
 $-(25\pi \cos((97\pi)/200))/4, -(25\pi \cos((193\pi)/400))/4, -(25\pi \cos((12\pi)/25))/4,$   
 $-(25\pi \cos((191\pi)/400))/4, -(25\pi \cos((19\pi)/40))/4, -$   
 $(25\pi \cos((189\pi)/400))/4, -(25\pi \cos((47\pi)/100))/4, -$   
 $(25\pi \cos((187\pi)/400))/4, -(25\pi \cos((93\pi)/200))/4, -(25\pi \cos((37\pi)/80))/4,$   
 $-(25\pi \cos((23\pi)/50))/4, -(25\pi \cos((183\pi)/400))/4, -(25\pi \cos((91\pi)/200))/4,$   
 $-(25\pi \cos((181\pi)/400))/4, -(25\pi \cos((9\pi)/20))/4, -(25\pi \cos((179\pi)/400))/4,$   
 $-(25\pi \cos((89\pi)/200))/4, -(25\pi \cos((177\pi)/400))/4, -(25\pi \cos((11\pi)/25))/4,$   
 $-(25\pi \cos((7\pi)/16))/4, -(25\pi \cos((87\pi)/200))/4, -(25\pi \cos((173\pi)/400))/4,$   
 $-(25\pi \cos((43\pi)/100))/4, -(25\pi \cos((171\pi)/400))/4, -(25\pi \cos((17\pi)/40))/4,$   
 $-(25\pi \cos((169\pi)/400))/4, -(25\pi \cos((21\pi)/50))/4, -$   
 $(25\pi \cos((167\pi)/400))/4, -(25\pi \cos((83\pi)/200))/4, -(25\pi \cos((33\pi)/80))/4,$   
 $-(25\pi \cos((41\pi)/100))/4, -(25\pi \cos((163\pi)/400))/4, -$   
 $(25\pi \cos((81\pi)/200))/4, -(25\pi \cos((161\pi)/400))/4, -(25\pi \cdot (5^{(1/2)}/4 -$   
 $1/4))/4, -(25\pi \cos((159\pi)/400))/4, -(25\pi \cos((79\pi)/200))/4, -$   
 $(25\pi \cos((157\pi)/400))/4, -(25\pi \cos((39\pi)/100))/4, -(25\pi \cos((31\pi)/80))/4,$   
 $-(25\pi \cos((77\pi)/200))/4, -(25\pi \cos((153\pi)/400))/4, -(25\pi \cos((19\pi)/50))/4,$   
 $-(25\pi \cos((151\pi)/400))/4, -(25\pi \cdot (2 - 2^{(1/2)})^{(1/2)})/8, -$

$(25\pi \cos((149\pi)/400))/4, -(25\pi \cos((37\pi)/100))/4, -$   
 $(25\pi \cos((147\pi)/400))/4, -(25\pi \cos((73\pi)/200))/4, -(25\pi \cos((29\pi)/80))/4,$   
 $-(25\pi \cos((9\pi)/25))/4, -(25\pi \cos((143\pi)/400))/4, -(25\pi \cos((71\pi)/200))/4,$   
 $-(25\pi \cos((141\pi)/400))/4, -(25\pi \cos((7\pi)/20))/4, -(25\pi \cos((139\pi)/400))/4,$   
 $-(25\pi \cos((69\pi)/200))/4, -(25\pi \cos((137\pi)/400))/4, -(25\pi \cos((17\pi)/50))/4,$   
 $-(25\pi \cos((27\pi)/80))/4, -(25\pi \cos((67\pi)/200))/4, -(25\pi \cos((133\pi)/400))/4,$   
 $-(25\pi \cos((33\pi)/100))/4, -(25\pi \cos((131\pi)/400))/4, -(25\pi \cos((13\pi)/40))/4,$   
 $-(25\pi \cos((129\pi)/400))/4, -(25\pi \cos((8\pi)/25))/4, -(25\pi \cos((127\pi)/400))/4,$   
 $-(25\pi \cos((63\pi)/200))/4, -(25\pi \cos((5\pi)/16))/4, -(25\pi \cos((31\pi)/100))/4, -$   
 $(25\pi \cos((123\pi)/400))/4, -(25\pi \cos((61\pi)/200))/4, -$   
 $(25\pi \cos((121\pi)/400))/4, -(25 \cdot 2^{(1/2)} \pi \cdot (5 - 5^{(1/2)})^{(1/2)})/16, -$   
 $(25\pi \cos((119\pi)/400))/4, -(25\pi \cos((59\pi)/200))/4, -$   
 $(25\pi \cos((117\pi)/400))/4, -(25\pi \cos((29\pi)/100))/4, -(25\pi \cos((23\pi)/80))/4,$   
 $-(25\pi \cos((57\pi)/200))/4, -(25\pi \cos((113\pi)/400))/4, -(25\pi \cos((7\pi)/25))/4,$   
 $-(25\pi \cos((111\pi)/400))/4, -(25\pi \cos((11\pi)/40))/4, -$   
 $(25\pi \cos((109\pi)/400))/4, -(25\pi \cos((27\pi)/100))/4, -$   
 $(25\pi \cos((107\pi)/400))/4, -(25\pi \cos((53\pi)/200))/4, -(25\pi \cos((21\pi)/80))/4,$   
 $-(25\pi \cos((13\pi)/50))/4, -(25\pi \cos((103\pi)/400))/4, -(25\pi \cos((51\pi)/200))/4,$   
 $-(25\pi \cos((101\pi)/400))/4, -(25\pi \cdot 2^{(1/2)})/8]$

Power =

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

pn =

$[(25\pi)/8, (25\pi \cos(\pi/400) \cos(\pi/50000))/8, (25\pi \cos(\pi/200) \cos(\pi/25000))/8,$   
 $(25\pi \cos((3\pi)/400) \cos((3\pi)/50000))/8, (25\pi \cos(\pi/100) \cos(\pi/12500))/8,$   
 $(25\pi \cos(\pi/80) \cos(\pi/10000))/8, (25\pi \cos((3\pi)/200) \cos((3\pi)/25000))/8,$   
 $(25\pi \cos((7\pi)/400) \cos((7\pi)/50000))/8, (25\pi \cos(\pi/50) \cos(\pi/6250))/8,$   
 $(25\pi \cos((9\pi)/400) \cos((9\pi)/50000))/8, (25\pi \cos(\pi/40) \cos(\pi/5000))/8,$   
 $(25\pi \cos((11\pi)/400) \cos((11\pi)/50000))/8,$   
 $(25\pi \cos((3\pi)/100) \cos((3\pi)/12500))/8,$   
 $(25\pi \cos((13\pi)/400) \cos((13\pi)/50000))/8,$   
 $(25\pi \cos((7\pi)/200) \cos((7\pi)/25000))/8,$   
 $(25\pi \cos((3\pi)/80) \cos((3\pi)/10000))/8, (25\pi \cos(\pi/25) \cos(\pi/3125))/8,$   
 $(25\pi \cos((17\pi)/400) \cos((17\pi)/50000))/8,$

$(25\pi \cos((9\pi)/200) \cos((9\pi)/25000))/8,$   
 $(25\pi \cos((19\pi)/400) \cos((19\pi)/50000))/8, (25\pi \cos(\pi/20) \cos(\pi/2500))/8,$   
 $(25\pi \cos((21\pi)/400) \cos((21\pi)/50000))/8,$   
 $(25\pi \cos((11\pi)/200) \cos((11\pi)/25000))/8,$   
 $(25\pi \cos((23\pi)/400) \cos((23\pi)/50000))/8,$   
 $(25\pi \cos((3\pi)/50) \cos((3\pi)/6250))/8, (25\pi \cos(\pi/16) \cos(\pi/2000))/8,$   
 $(25\pi \cos((13\pi)/200) \cos((13\pi)/25000))/8,$   
 $(25\pi \cos((27\pi)/400) \cos((27\pi)/50000))/8,$   
 $(25\pi \cos((7\pi)/100) \cos((7\pi)/12500))/8,$   
 $(25\pi \cos((29\pi)/400) \cos((29\pi)/50000))/8,$   
 $(25\pi \cos((3\pi)/40) \cos((3\pi)/5000))/8,$   
 $(25\pi \cos((31\pi)/400) \cos((31\pi)/50000))/8,$   
 $(25\pi \cos((2\pi)/25) \cos((2\pi)/3125))/8,$   
 $(25\pi \cos((33\pi)/400) \cos((33\pi)/50000))/8,$   
 $(25\pi \cos((17\pi)/200) \cos((17\pi)/25000))/8,$   
 $(25\pi \cos((7\pi)/80) \cos((7\pi)/10000))/8,$   
 $(25\pi \cos((9\pi)/100) \cos((9\pi)/12500))/8,$   
 $(25\pi \cos((37\pi)/400) \cos((37\pi)/50000))/8,$   
 $(25\pi \cos((19\pi)/200) \cos((19\pi)/25000))/8,$   
 $(25\pi \cos((39\pi)/400) \cos((39\pi)/50000))/8, (25 \cdot 2^{(1/2)} \pi \cos(\pi/1250) \cdot (5^{(1/2)} +$   
 $5)^{(1/2)})/32, (25\pi \cos((41\pi)/400) \cos((41\pi)/50000))/8,$   
 $(25\pi \cos((21\pi)/200) \cos((21\pi)/25000))/8,$   
 $(25\pi \cos((43\pi)/400) \cos((43\pi)/50000))/8,$   
 $(25\pi \cos((11\pi)/100) \cos((11\pi)/12500))/8,$   
 $(25\pi \cos((9\pi)/80) \cos((9\pi)/10000))/8,$   
 $(25\pi \cos((23\pi)/200) \cos((23\pi)/25000))/8,$   
 $(25\pi \cos((47\pi)/400) \cos((47\pi)/50000))/8,$   
 $(25\pi \cos((3\pi)/25) \cos((3\pi)/3125))/8,$   
 $(25\pi \cos((49\pi)/400) \cos((49\pi)/50000))/8, (25\pi \cos(\pi/1000) \cdot (2^{(1/2)} +$   
 $2)^{(1/2)})/16, (25\pi \cos((51\pi)/400) \cos((51\pi)/50000))/8,$   
 $(25\pi \cos((13\pi)/100) \cos((13\pi)/12500))/8,$   
 $(25\pi \cos((53\pi)/400) \cos((53\pi)/50000))/8,$   
 $(25\pi \cos((27\pi)/200) \cos((27\pi)/25000))/8,$   
 $(25\pi \cos((11\pi)/80) \cos((11\pi)/10000))/8,$   
 $(25\pi \cos((7\pi)/50) \cos((7\pi)/6250))/8,$   
 $(25\pi \cos((57\pi)/400) \cos((57\pi)/50000))/8,$   
 $(25\pi \cos((29\pi)/200) \cos((29\pi)/25000))/8,$   
 $(25\pi \cos((59\pi)/400) \cos((59\pi)/50000))/8,$   
 $(25\pi \cos((3\pi)/20) \cos((3\pi)/2500))/8,$   
 $(25\pi \cos((61\pi)/400) \cos((61\pi)/50000))/8,$   
 $(25\pi \cos((31\pi)/200) \cos((31\pi)/25000))/8,$   
 $(25\pi \cos((63\pi)/400) \cos((63\pi)/50000))/8,$   
 $(25\pi \cos((4\pi)/25) \cos((4\pi)/3125))/8,$   
 $(25\pi \cos((13\pi)/80) \cos((13\pi)/10000))/8,$   
 $(25\pi \cos((33\pi)/200) \cos((33\pi)/25000))/8,$   
 $(25\pi \cos((67\pi)/400) \cos((67\pi)/50000))/8,$   
 $(25\pi \cos((17\pi)/100) \cos((17\pi)/12500))/8,$   
 $(25\pi \cos((69\pi)/400) \cos((69\pi)/50000))/8,$   
 $(25\pi \cos((7\pi)/40) \cos((7\pi)/5000))/8,$   
 $(25\pi \cos((71\pi)/400) \cos((71\pi)/50000))/8,$   
 $(25\pi \cos((9\pi)/50) \cos((9\pi)/6250))/8,$

$(25\pi \cos((73\pi)/400) \cos((73\pi)/50000))/8,$   
 $(25\pi \cos((37\pi)/200) \cos((37\pi)/25000))/8,$   
 $(25\pi \cos((3\pi)/16) \cos((3\pi)/2000))/8,$   
 $(25\pi \cos((19\pi)/100) \cos((19\pi)/12500))/8,$   
 $(25\pi \cos((77\pi)/400) \cos((77\pi)/50000))/8,$   
 $(25\pi \cos((39\pi)/200) \cos((39\pi)/25000))/8,$   
 $(25\pi \cos((79\pi)/400) \cos((79\pi)/50000))/8, (25\pi \cos(\pi/625) * (5^{(1/2)}/4 + 1/4))/8,$   
 $(25\pi \cos((81\pi)/400) \cos((81\pi)/50000))/8,$   
 $(25\pi \cos((41\pi)/200) \cos((41\pi)/25000))/8,$   
 $(25\pi \cos((83\pi)/400) \cos((83\pi)/50000))/8,$   
 $(25\pi \cos((21\pi)/100) \cos((21\pi)/12500))/8,$   
 $(25\pi \cos((17\pi)/80) \cos((17\pi)/10000))/8,$   
 $(25\pi \cos((43\pi)/200) \cos((43\pi)/25000))/8,$   
 $(25\pi \cos((87\pi)/400) \cos((87\pi)/50000))/8,$   
 $(25\pi \cos((11\pi)/50) \cos((11\pi)/6250))/8,$   
 $(25\pi \cos((89\pi)/400) \cos((89\pi)/50000))/8,$   
 $(25\pi \cos((9\pi)/40) \cos((9\pi)/5000))/8,$   
 $(25\pi \cos((91\pi)/400) \cos((91\pi)/50000))/8,$   
 $(25\pi \cos((23\pi)/100) \cos((23\pi)/12500))/8,$   
 $(25\pi \cos((93\pi)/400) \cos((93\pi)/50000))/8,$   
 $(25\pi \cos((47\pi)/200) \cos((47\pi)/25000))/8,$   
 $(25\pi \cos((19\pi)/80) \cos((19\pi)/10000))/8,$   
 $(25\pi \cos((6\pi)/25) \cos((6\pi)/3125))/8,$   
 $(25\pi \cos((97\pi)/400) \cos((97\pi)/50000))/8,$   
 $(25\pi \cos((49\pi)/200) \cos((49\pi)/25000))/8,$   
 $(25\pi \cos((99\pi)/400) \cos((99\pi)/50000))/8, (25 * 2^{(1/2)} * \pi \cos(\pi/500))/16,$   
 $(25\pi \cos((101\pi)/400) \cos((101\pi)/50000))/8,$   
 $(25\pi \cos((51\pi)/200) \cos((51\pi)/25000))/8,$   
 $(25\pi \cos((103\pi)/400) \cos((103\pi)/50000))/8,$   
 $(25\pi \cos((13\pi)/50) \cos((13\pi)/6250))/8,$   
 $(25\pi \cos((21\pi)/80) \cos((21\pi)/10000))/8,$   
 $(25\pi \cos((53\pi)/200) \cos((53\pi)/25000))/8,$   
 $(25\pi \cos((107\pi)/400) \cos((107\pi)/50000))/8,$   
 $(25\pi \cos((27\pi)/100) \cos((27\pi)/12500))/8,$   
 $(25\pi \cos((109\pi)/400) \cos((109\pi)/50000))/8,$   
 $(25\pi \cos((11\pi)/40) \cos((11\pi)/5000))/8,$   
 $(25\pi \cos((111\pi)/400) \cos((111\pi)/50000))/8,$   
 $(25\pi \cos((7\pi)/25) \cos((7\pi)/3125))/8,$   
 $(25\pi \cos((113\pi)/400) \cos((113\pi)/50000))/8,$   
 $(25\pi \cos((57\pi)/200) \cos((57\pi)/25000))/8,$   
 $(25\pi \cos((23\pi)/80) \cos((23\pi)/10000))/8,$   
 $(25\pi \cos((29\pi)/100) \cos((29\pi)/12500))/8,$   
 $(25\pi \cos((117\pi)/400) \cos((117\pi)/50000))/8,$   
 $(25\pi \cos((59\pi)/200) \cos((59\pi)/25000))/8,$   
 $(25\pi \cos((119\pi)/400) \cos((119\pi)/50000))/8, (25 * 2^{(1/2)} * \pi \cos((3\pi)/1250) * (5 - 5^{(1/2)})^{(1/2)})/32,$   
 $(25\pi \cos((121\pi)/400) \cos((121\pi)/50000))/8,$   
 $(25\pi \cos((61\pi)/200) \cos((61\pi)/25000))/8,$   
 $(25\pi \cos((123\pi)/400) \cos((123\pi)/50000))/8,$   
 $(25\pi \cos((31\pi)/100) \cos((31\pi)/12500))/8, (25\pi \cos((5\pi)/16) \cos(\pi/400))/8,$   
 $(25\pi \cos((63\pi)/200) \cos((63\pi)/25000))/8,$   
 $(25\pi \cos((127\pi)/400) \cos((127\pi)/50000))/8,$



$(25\pi \cos((8\pi)/25) \cos((8\pi)/3125))/8,$   
 $(25\pi \cos((129\pi)/400) \cos((129\pi)/50000))/8,$   
 $(25\pi \cos((13\pi)/40) \cos((13\pi)/5000))/8,$   
 $(25\pi \cos((131\pi)/400) \cos((131\pi)/50000))/8,$   
 $(25\pi \cos((33\pi)/100) \cos((33\pi)/12500))/8,$   
 $(25\pi \cos((133\pi)/400) \cos((133\pi)/50000))/8,$   
 $(25\pi \cos((67\pi)/200) \cos((67\pi)/25000))/8,$   
 $(25\pi \cos((27\pi)/80) \cos((27\pi)/10000))/8,$   
 $(25\pi \cos((17\pi)/50) \cos((17\pi)/6250))/8,$   
 $(25\pi \cos((137\pi)/400) \cos((137\pi)/50000))/8,$   
 $(25\pi \cos((69\pi)/200) \cos((69\pi)/25000))/8,$   
 $(25\pi \cos((139\pi)/400) \cos((139\pi)/50000))/8,$   
 $(25\pi \cos((7\pi)/20) \cos((7\pi)/2500))/8,$   
 $(25\pi \cos((141\pi)/400) \cos((141\pi)/50000))/8,$   
 $(25\pi \cos((71\pi)/200) \cos((71\pi)/25000))/8,$   
 $(25\pi \cos((143\pi)/400) \cos((143\pi)/50000))/8,$   
 $(25\pi \cos((9\pi)/25) \cos((9\pi)/3125))/8,$   
 $(25\pi \cos((29\pi)/80) \cos((29\pi)/10000))/8,$   
 $(25\pi \cos((73\pi)/200) \cos((73\pi)/25000))/8,$   
 $(25\pi \cos((147\pi)/400) \cos((147\pi)/50000))/8,$   
 $(25\pi \cos((37\pi)/100) \cos((37\pi)/12500))/8,$   
 $(25\pi \cos((149\pi)/400) \cos((149\pi)/50000))/8, (25\pi \cos((3\pi)/1000) * (2 - 2^{(1/2)})^{(1/2)})/16,$   
 $(25\pi \cos((151\pi)/400) \cos((151\pi)/50000))/8,$   
 $(25\pi \cos((19\pi)/50) \cos((19\pi)/6250))/8,$   
 $(25\pi \cos((153\pi)/400) \cos((153\pi)/50000))/8,$   
 $(25\pi \cos((77\pi)/200) \cos((77\pi)/25000))/8,$   
 $(25\pi \cos((31\pi)/80) \cos((31\pi)/10000))/8,$   
 $(25\pi \cos((39\pi)/100) \cos((39\pi)/12500))/8,$   
 $(25\pi \cos((157\pi)/400) \cos((157\pi)/50000))/8,$   
 $(25\pi \cos((79\pi)/200) \cos((79\pi)/25000))/8,$   
 $(25\pi \cos((159\pi)/400) \cos((159\pi)/50000))/8, (25\pi \cos((2\pi)/625) * (5^{(1/2)}/4 - 1/4))/8,$   
 $(25\pi \cos((161\pi)/400) \cos((161\pi)/50000))/8,$   
 $(25\pi \cos((81\pi)/200) \cos((81\pi)/25000))/8,$   
 $(25\pi \cos((163\pi)/400) \cos((163\pi)/50000))/8,$   
 $(25\pi \cos((41\pi)/100) \cos((41\pi)/12500))/8,$   
 $(25\pi \cos((33\pi)/80) \cos((33\pi)/10000))/8,$   
 $(25\pi \cos((83\pi)/200) \cos((83\pi)/25000))/8,$   
 $(25\pi \cos((167\pi)/400) \cos((167\pi)/50000))/8,$   
 $(25\pi \cos((21\pi)/50) \cos((21\pi)/6250))/8,$   
 $(25\pi \cos((169\pi)/400) \cos((169\pi)/50000))/8,$   
 $(25\pi \cos((17\pi)/40) \cos((17\pi)/5000))/8,$   
 $(25\pi \cos((171\pi)/400) \cos((171\pi)/50000))/8,$   
 $(25\pi \cos((43\pi)/100) \cos((43\pi)/12500))/8,$   
 $(25\pi \cos((173\pi)/400) \cos((173\pi)/50000))/8,$   
 $(25\pi \cos((87\pi)/200) \cos((87\pi)/25000))/8,$   
 $(25\pi \cos((7\pi)/16) \cos((7\pi)/2000))/8,$   
 $(25\pi \cos((11\pi)/25) \cos((11\pi)/3125))/8,$   
 $(25\pi \cos((177\pi)/400) \cos((177\pi)/50000))/8,$   
 $(25\pi \cos((89\pi)/200) \cos((89\pi)/25000))/8,$   
 $(25\pi \cos((179\pi)/400) \cos((179\pi)/50000))/8,$   
 $(25\pi \cos((9\pi)/20) \cos((9\pi)/2500))/8,$

$(25\pi \cos((181\pi)/400) \cos((181\pi)/50000))/8,$   
 $(25\pi \cos((91\pi)/200) \cos((91\pi)/25000))/8,$   
 $(25\pi \cos((183\pi)/400) \cos((183\pi)/50000))/8,$   
 $(25\pi \cos((23\pi)/50) \cos((23\pi)/6250))/8,$   
 $(25\pi \cos((37\pi)/80) \cos((37\pi)/10000))/8,$   
 $(25\pi \cos((93\pi)/200) \cos((93\pi)/25000))/8,$   
 $(25\pi \cos((187\pi)/400) \cos((187\pi)/50000))/8,$   
 $(25\pi \cos((47\pi)/100) \cos((47\pi)/12500))/8,$   
 $(25\pi \cos((189\pi)/400) \cos((189\pi)/50000))/8,$   
 $(25\pi \cos((19\pi)/40) \cos((19\pi)/5000))/8,$   
 $(25\pi \cos((191\pi)/400) \cos((191\pi)/50000))/8,$   
 $(25\pi \cos((12\pi)/25) \cos((12\pi)/3125))/8,$   
 $(25\pi \cos((193\pi)/400) \cos((193\pi)/50000))/8,$   
 $(25\pi \cos((97\pi)/200) \cos((97\pi)/25000))/8,$   
 $(25\pi \cos((39\pi)/80) \cos((39\pi)/10000))/8,$   
 $(25\pi \cos((49\pi)/100) \cos((49\pi)/12500))/8,$   
 $(25\pi \cos((197\pi)/400) \cos((197\pi)/50000))/8,$   
 $(25\pi \cos((99\pi)/200) \cos((99\pi)/25000))/8,$   
 $(25\pi \cos((199\pi)/400) \cos((199\pi)/50000))/8, 0, -$   
 $(25\pi \cos((199\pi)/400) \cos((201\pi)/50000))/8, -$   
 $(25\pi \cos((99\pi)/200) \cos((101\pi)/25000))/8, -$   
 $(25\pi \cos((197\pi)/400) \cos((203\pi)/50000))/8, -$   
 $(25\pi \cos((49\pi)/100) \cos((51\pi)/12500))/8, -$   
 $(25\pi \cos((39\pi)/80) \cos((41\pi)/10000))/8, -$   
 $(25\pi \cos((97\pi)/200) \cos((103\pi)/25000))/8, -$   
 $(25\pi \cos((193\pi)/400) \cos((207\pi)/50000))/8, -$   
 $(25\pi \cos((12\pi)/25) \cos((13\pi)/3125))/8, -$   
 $(25\pi \cos((191\pi)/400) \cos((209\pi)/50000))/8, -$   
 $(25\pi \cos((19\pi)/40) \cos((21\pi)/5000))/8, -$   
 $(25\pi \cos((189\pi)/400) \cos((211\pi)/50000))/8, -$   
 $(25\pi \cos((47\pi)/100) \cos((53\pi)/12500))/8, -$   
 $(25\pi \cos((187\pi)/400) \cos((213\pi)/50000))/8, -$   
 $(25\pi \cos((93\pi)/200) \cos((107\pi)/25000))/8, -$   
 $(25\pi \cos((37\pi)/80) \cos((43\pi)/10000))/8, -$   
 $(25\pi \cos((23\pi)/50) \cos((27\pi)/6250))/8, -$   
 $(25\pi \cos((183\pi)/400) \cos((217\pi)/50000))/8, -$   
 $(25\pi \cos((91\pi)/200) \cos((109\pi)/25000))/8, -$   
 $(25\pi \cos((181\pi)/400) \cos((219\pi)/50000))/8, -$   
 $(25\pi \cos((9\pi)/20) \cos((11\pi)/2500))/8, -$   
 $(25\pi \cos((179\pi)/400) \cos((221\pi)/50000))/8, -$   
 $(25\pi \cos((89\pi)/200) \cos((111\pi)/25000))/8, -$   
 $(25\pi \cos((177\pi)/400) \cos((223\pi)/50000))/8, -$   
 $(25\pi \cos((11\pi)/25) \cos((14\pi)/3125))/8, -$   
 $(25\pi \cos((7\pi)/16) \cos((9\pi)/2000))/8, -$   
 $(25\pi \cos((87\pi)/200) \cos((113\pi)/25000))/8, -$   
 $(25\pi \cos((173\pi)/400) \cos((227\pi)/50000))/8, -$   
 $(25\pi \cos((43\pi)/100) \cos((57\pi)/12500))/8, -$   
 $(25\pi \cos((171\pi)/400) \cos((229\pi)/50000))/8, -$   
 $(25\pi \cos((17\pi)/40) \cos((23\pi)/5000))/8, -$   
 $(25\pi \cos((169\pi)/400) \cos((231\pi)/50000))/8, -$   
 $(25\pi \cos((21\pi)/50) \cos((29\pi)/6250))/8, -$

$(25\pi \cos((167\pi)/400) \cos((233\pi)/50000))/8, -$   
 $(25\pi \cos((83\pi)/200) \cos((117\pi)/25000))/8, -$   
 $(25\pi \cos((33\pi)/80) \cos((47\pi)/10000))/8, -$   
 $(25\pi \cos((41\pi)/100) \cos((59\pi)/12500))/8, -$   
 $(25\pi \cos((163\pi)/400) \cos((237\pi)/50000))/8, -$   
 $(25\pi \cos((81\pi)/200) \cos((119\pi)/25000))/8, -$   
 $(25\pi \cos((161\pi)/400) \cos((239\pi)/50000))/8, - (25\pi \cos((3\pi)/625) * (5^{(1/2)}/4 -$   
 $1/4))/8, - (25\pi \cos((159\pi)/400) \cos((241\pi)/50000))/8, -$   
 $(25\pi \cos((79\pi)/200) \cos((121\pi)/25000))/8, -$   
 $(25\pi \cos((157\pi)/400) \cos((243\pi)/50000))/8, -$   
 $(25\pi \cos((39\pi)/100) \cos((61\pi)/12500))/8, -$   
 $(25\pi \cos((31\pi)/80) \cos((49\pi)/10000))/8, -$   
 $(25\pi \cos((77\pi)/200) \cos((123\pi)/25000))/8, -$   
 $(25\pi \cos((153\pi)/400) \cos((247\pi)/50000))/8, -$   
 $(25\pi \cos((19\pi)/50) \cos((31\pi)/6250))/8, -$   
 $(25\pi \cos((151\pi)/400) \cos((249\pi)/50000))/8, - (25\pi \cos(\pi/200) * (2 -$   
 $2^{(1/2)})^{(1/2)})/16, - (25\pi \cos((149\pi)/400) \cos((251\pi)/50000))/8, -$   
 $(25\pi \cos((37\pi)/100) \cos((63\pi)/12500))/8, -$   
 $(25\pi \cos((147\pi)/400) \cos((253\pi)/50000))/8, -$   
 $(25\pi \cos((73\pi)/200) \cos((127\pi)/25000))/8, -$   
 $(25\pi \cos((29\pi)/80) \cos((51\pi)/10000))/8, -$   
 $(25\pi \cos((9\pi)/25) \cos((16\pi)/3125))/8, -$   
 $(25\pi \cos((143\pi)/400) \cos((257\pi)/50000))/8, -$   
 $(25\pi \cos((71\pi)/200) \cos((129\pi)/25000))/8, -$   
 $(25\pi \cos((141\pi)/400) \cos((259\pi)/50000))/8, -$   
 $(25\pi \cos((7\pi)/20) \cos((13\pi)/2500))/8, -$   
 $(25\pi \cos((139\pi)/400) \cos((261\pi)/50000))/8, -$   
 $(25\pi \cos((69\pi)/200) \cos((131\pi)/25000))/8, -$   
 $(25\pi \cos((137\pi)/400) \cos((263\pi)/50000))/8, -$   
 $(25\pi \cos((17\pi)/50) \cos((33\pi)/6250))/8, -$   
 $(25\pi \cos((27\pi)/80) \cos((53\pi)/10000))/8, -$   
 $(25\pi \cos((67\pi)/200) \cos((133\pi)/25000))/8, -$   
 $(25\pi \cos((133\pi)/400) \cos((267\pi)/50000))/8, -$   
 $(25\pi \cos((33\pi)/100) \cos((67\pi)/12500))/8, -$   
 $(25\pi \cos((131\pi)/400) \cos((269\pi)/50000))/8, -$   
 $(25\pi \cos((13\pi)/40) \cos((27\pi)/5000))/8, -$   
 $(25\pi \cos((129\pi)/400) \cos((271\pi)/50000))/8, -$   
 $(25\pi \cos((8\pi)/25) \cos((17\pi)/3125))/8, -$   
 $(25\pi \cos((127\pi)/400) \cos((273\pi)/50000))/8, -$   
 $(25\pi \cos((63\pi)/200) \cos((137\pi)/25000))/8, -$   
 $(25\pi \cos((5\pi)/16) \cos((11\pi)/2000))/8, -$   
 $(25\pi \cos((31\pi)/100) \cos((69\pi)/12500))/8, -$   
 $(25\pi \cos((123\pi)/400) \cos((277\pi)/50000))/8, -$   
 $(25\pi \cos((61\pi)/200) \cos((139\pi)/25000))/8, -$   
 $(25\pi \cos((121\pi)/400) \cos((279\pi)/50000))/8, - (25 * 2^{(1/2)} * \pi \cos((7\pi)/1250) * (5 -$   
 $5^{(1/2)})^{(1/2)})/32, - (25\pi \cos((119\pi)/400) \cos((281\pi)/50000))/8, -$   
 $(25\pi \cos((59\pi)/200) \cos((141\pi)/25000))/8, -$   
 $(25\pi \cos((117\pi)/400) \cos((283\pi)/50000))/8, -$   
 $(25\pi \cos((29\pi)/100) \cos((71\pi)/12500))/8, -$   
 $(25\pi \cos((23\pi)/80) \cos((57\pi)/10000))/8, -$   
 $(25\pi \cos((57\pi)/200) \cos((143\pi)/25000))/8, -$

$(25\pi \cos((113\pi)/400) \cos((287\pi)/50000))/8, -$   
 $(25\pi \cos((7\pi)/25) \cos((18\pi)/3125))/8, -$   
 $(25\pi \cos((111\pi)/400) \cos((289\pi)/50000))/8, -$   
 $(25\pi \cos((11\pi)/40) \cos((29\pi)/5000))/8, -$   
 $(25\pi \cos((109\pi)/400) \cos((291\pi)/50000))/8, -$   
 $(25\pi \cos((27\pi)/100) \cos((73\pi)/12500))/8, -$   
 $(25\pi \cos((107\pi)/400) \cos((293\pi)/50000))/8, -$   
 $(25\pi \cos((53\pi)/200) \cos((147\pi)/25000))/8, -$   
 $(25\pi \cos((21\pi)/80) \cos((59\pi)/10000))/8, -$   
 $(25\pi \cos((13\pi)/50) \cos((37\pi)/6250))/8, -$   
 $(25\pi \cos((103\pi)/400) \cos((297\pi)/50000))/8, -$   
 $(25\pi \cos((51\pi)/200) \cos((149\pi)/25000))/8, -$   
 $(25\pi \cos((101\pi)/400) \cos((299\pi)/50000))/8, - (25 \cdot 2^{(1/2)} \pi \cos((3\pi)/500))/16,$   
 $- (25\pi \cos((99\pi)/400) \cos((301\pi)/50000))/8, -$   
 $(25\pi \cos((49\pi)/200) \cos((151\pi)/25000))/8, -$   
 $(25\pi \cos((97\pi)/400) \cos((303\pi)/50000))/8, -$   
 $(25\pi \cos((6\pi)/25) \cos((19\pi)/3125))/8, -$   
 $(25\pi \cos((19\pi)/80) \cos((61\pi)/10000))/8, -$   
 $(25\pi \cos((47\pi)/200) \cos((153\pi)/25000))/8, -$   
 $(25\pi \cos((93\pi)/400) \cos((307\pi)/50000))/8, -$   
 $(25\pi \cos((23\pi)/100) \cos((77\pi)/12500))/8, -$   
 $(25\pi \cos((91\pi)/400) \cos((309\pi)/50000))/8, -$   
 $(25\pi \cos((9\pi)/40) \cos((31\pi)/5000))/8, -$   
 $(25\pi \cos((89\pi)/400) \cos((311\pi)/50000))/8, -$   
 $(25\pi \cos((11\pi)/50) \cos((39\pi)/6250))/8, -$   
 $(25\pi \cos((87\pi)/400) \cos((313\pi)/50000))/8, -$   
 $(25\pi \cos((43\pi)/200) \cos((157\pi)/25000))/8, -$   
 $(25\pi \cos((17\pi)/80) \cos((63\pi)/10000))/8, -$   
 $(25\pi \cos((21\pi)/100) \cos((79\pi)/12500))/8, -$   
 $(25\pi \cos((83\pi)/400) \cos((317\pi)/50000))/8, -$   
 $(25\pi \cos((41\pi)/200) \cos((159\pi)/25000))/8, -$   
 $(25\pi \cos((81\pi)/400) \cos((319\pi)/50000))/8, - (25\pi \cos((4\pi)/625) \cdot (5^{(1/2)}/4 +$   
 $1/4))/8, - (25\pi \cos((79\pi)/400) \cos((321\pi)/50000))/8, -$   
 $(25\pi \cos((39\pi)/200) \cos((161\pi)/25000))/8, -$   
 $(25\pi \cos((77\pi)/400) \cos((323\pi)/50000))/8, -$   
 $(25\pi \cos((19\pi)/100) \cos((81\pi)/12500))/8, -$   
 $(25\pi \cos((3\pi)/16) \cos((13\pi)/2000))/8, -$   
 $(25\pi \cos((37\pi)/200) \cos((163\pi)/25000))/8, -$   
 $(25\pi \cos((73\pi)/400) \cos((327\pi)/50000))/8, -$   
 $(25\pi \cos((9\pi)/50) \cos((41\pi)/6250))/8, -$   
 $(25\pi \cos((71\pi)/400) \cos((329\pi)/50000))/8, -$   
 $(25\pi \cos((7\pi)/40) \cos((33\pi)/5000))/8, -$   
 $(25\pi \cos((69\pi)/400) \cos((331\pi)/50000))/8, -$   
 $(25\pi \cos((17\pi)/100) \cos((83\pi)/12500))/8, -$   
 $(25\pi \cos((67\pi)/400) \cos((333\pi)/50000))/8, -$   
 $(25\pi \cos((33\pi)/200) \cos((167\pi)/25000))/8, -$   
 $(25\pi \cos((13\pi)/80) \cos((67\pi)/10000))/8, -$   
 $(25\pi \cos((4\pi)/25) \cos((21\pi)/3125))/8, -$   
 $(25\pi \cos((63\pi)/400) \cos((337\pi)/50000))/8, -$   
 $(25\pi \cos((31\pi)/200) \cos((169\pi)/25000))/8, -$   
 $(25\pi \cos((61\pi)/400) \cos((339\pi)/50000))/8, -$

$(25\pi \cos((3\pi)/20) \cos((17\pi)/2500))/8, -$   
 $(25\pi \cos((59\pi)/400) \cos((341\pi)/50000))/8, -$   
 $(25\pi \cos((29\pi)/200) \cos((171\pi)/25000))/8, -$   
 $(25\pi \cos((57\pi)/400) \cos((343\pi)/50000))/8, -$   
 $(25\pi \cos((7\pi)/50) \cos((43\pi)/6250))/8, -$   
 $(25\pi \cos((11\pi)/80) \cos((69\pi)/10000))/8, -$   
 $(25\pi \cos((27\pi)/200) \cos((173\pi)/25000))/8, -$   
 $(25\pi \cos((53\pi)/400) \cos((347\pi)/50000))/8, -$   
 $(25\pi \cos((13\pi)/100) \cos((87\pi)/12500))/8, -$   
 $(25\pi \cos((51\pi)/400) \cos((349\pi)/50000))/8, - (25\pi \cos((7\pi)/1000) * (2^{(1/2)} + 2)^{(1/2)})/16, - (25\pi \cos((49\pi)/400) \cos((351\pi)/50000))/8, -$   
 $(25\pi \cos((3\pi)/25) \cos((22\pi)/3125))/8, -$   
 $(25\pi \cos((47\pi)/400) \cos((353\pi)/50000))/8, -$   
 $(25\pi \cos((23\pi)/200) \cos((177\pi)/25000))/8, -$   
 $(25\pi \cos((9\pi)/80) \cos((71\pi)/10000))/8, -$   
 $(25\pi \cos((11\pi)/100) \cos((89\pi)/12500))/8, -$   
 $(25\pi \cos((43\pi)/400) \cos((357\pi)/50000))/8, -$   
 $(25\pi \cos((21\pi)/200) \cos((179\pi)/25000))/8, -$   
 $(25\pi \cos((41\pi)/400) \cos((359\pi)/50000))/8, -$   
 $(25 * 2^{(1/2)} * \pi \cos((9\pi)/1250) * (5^{(1/2)} + 5)^{(1/2)})/32, -$   
 $(25\pi \cos((39\pi)/400) \cos((361\pi)/50000))/8, -$   
 $(25\pi \cos((19\pi)/200) \cos((181\pi)/25000))/8, -$   
 $(25\pi \cos((37\pi)/400) \cos((363\pi)/50000))/8, -$   
 $(25\pi \cos((9\pi)/100) \cos((91\pi)/12500))/8, -$   
 $(25\pi \cos((7\pi)/80) \cos((73\pi)/10000))/8, -$   
 $(25\pi \cos((17\pi)/200) \cos((183\pi)/25000))/8, -$   
 $(25\pi \cos((33\pi)/400) \cos((367\pi)/50000))/8, -$   
 $(25\pi \cos((2\pi)/25) \cos((23\pi)/3125))/8, -$   
 $(25\pi \cos((31\pi)/400) \cos((369\pi)/50000))/8, -$   
 $(25\pi \cos((3\pi)/40) \cos((37\pi)/5000))/8, -$   
 $(25\pi \cos((29\pi)/400) \cos((371\pi)/50000))/8, -$   
 $(25\pi \cos((7\pi)/100) \cos((93\pi)/12500))/8, -$   
 $(25\pi \cos((27\pi)/400) \cos((373\pi)/50000))/8, -$   
 $(25\pi \cos((13\pi)/200) \cos((187\pi)/25000))/8, - (25\pi \cos(\pi/16) \cos((3\pi)/400))/8,$   
 $- (25\pi \cos((3\pi)/50) \cos((47\pi)/6250))/8, -$   
 $(25\pi \cos((23\pi)/400) \cos((377\pi)/50000))/8, -$   
 $(25\pi \cos((11\pi)/200) \cos((189\pi)/25000))/8, -$   
 $(25\pi \cos((21\pi)/400) \cos((379\pi)/50000))/8, -$   
 $(25\pi \cos(\pi/20) \cos((19\pi)/2500))/8, -$   
 $(25\pi \cos((19\pi)/400) \cos((381\pi)/50000))/8, -$   
 $(25\pi \cos((9\pi)/200) \cos((191\pi)/25000))/8, -$   
 $(25\pi \cos((17\pi)/400) \cos((383\pi)/50000))/8, -$   
 $(25\pi \cos(\pi/25) \cos((24\pi)/3125))/8, - (25\pi \cos((3\pi)/80) \cos((77\pi)/10000))/8,$   
 $- (25\pi \cos((7\pi)/200) \cos((193\pi)/25000))/8, -$   
 $(25\pi \cos((13\pi)/400) \cos((387\pi)/50000))/8, -$   
 $(25\pi \cos((3\pi)/100) \cos((97\pi)/12500))/8, -$   
 $(25\pi \cos((11\pi)/400) \cos((389\pi)/50000))/8, -$   
 $(25\pi \cos(\pi/40) \cos((39\pi)/5000))/8, -$   
 $(25\pi \cos((9\pi)/400) \cos((391\pi)/50000))/8, -$   
 $(25\pi \cos(\pi/50) \cos((49\pi)/6250))/8, -$   
 $(25\pi \cos((7\pi)/400) \cos((393\pi)/50000))/8, -$

$(25\pi \cos((3\pi)/200) \cos((197\pi)/25000))/8, -$   
 $(25\pi \cos(\pi/80) \cos((79\pi)/10000))/8, - (25\pi \cos(\pi/100) \cos((99\pi)/12500))/8, -$   
 $(25\pi \cos((3\pi)/400) \cos((397\pi)/50000))/8, -$   
 $(25\pi \cos(\pi/200) \cos((199\pi)/25000))/8, - (25\pi \cos(\pi/400) \cos((399\pi)/50000))/8,$   
 $- (25\pi \cos(\pi/125))/8, - (25\pi \cos(\pi/400) \cos((401\pi)/50000))/8, -$   
 $(25\pi \cos(\pi/200) \cos((201\pi)/25000))/8, -$   
 $(25\pi \cos((3\pi)/400) \cos((403\pi)/50000))/8, -$   
 $(25\pi \cos(\pi/100) \cos((101\pi)/12500))/8, - (25\pi \cos(\pi/80) \cos((81\pi)/10000))/8, -$   
 $(25\pi \cos((3\pi)/200) \cos((203\pi)/25000))/8, -$   
 $(25\pi \cos((7\pi)/400) \cos((407\pi)/50000))/8, -$   
 $(25\pi \cos(\pi/50) \cos((51\pi)/6250))/8, -$   
 $(25\pi \cos((9\pi)/400) \cos((409\pi)/50000))/8, -$   
 $(25\pi \cos(\pi/40) \cos((41\pi)/5000))/8, -$   
 $(25\pi \cos((11\pi)/400) \cos((411\pi)/50000))/8, -$   
 $(25\pi \cos((3\pi)/100) \cos((103\pi)/12500))/8, -$   
 $(25\pi \cos((13\pi)/400) \cos((413\pi)/50000))/8, -$   
 $(25\pi \cos((7\pi)/200) \cos((207\pi)/25000))/8, -$   
 $(25\pi \cos((3\pi)/80) \cos((83\pi)/10000))/8, - (25\pi \cos(\pi/25) \cos((26\pi)/3125))/8,$   
 $- (25\pi \cos((17\pi)/400) \cos((417\pi)/50000))/8, -$   
 $(25\pi \cos((9\pi)/200) \cos((209\pi)/25000))/8, -$   
 $(25\pi \cos((19\pi)/400) \cos((419\pi)/50000))/8, -$   
 $(25\pi \cos(\pi/20) \cos((21\pi)/2500))/8, -$   
 $(25\pi \cos((21\pi)/400) \cos((421\pi)/50000))/8, -$   
 $(25\pi \cos((11\pi)/200) \cos((211\pi)/25000))/8, -$   
 $(25\pi \cos((23\pi)/400) \cos((423\pi)/50000))/8, -$   
 $(25\pi \cos((3\pi)/50) \cos((53\pi)/6250))/8, - (25\pi \cos(\pi/16) \cos((17\pi)/2000))/8, -$   
 $(25\pi \cos((13\pi)/200) \cos((213\pi)/25000))/8, -$   
 $(25\pi \cos((27\pi)/400) \cos((427\pi)/50000))/8, -$   
 $(25\pi \cos((7\pi)/100) \cos((107\pi)/12500))/8, -$   
 $(25\pi \cos((29\pi)/400) \cos((429\pi)/50000))/8, -$   
 $(25\pi \cos((3\pi)/40) \cos((43\pi)/5000))/8, -$   
 $(25\pi \cos((31\pi)/400) \cos((431\pi)/50000))/8, -$   
 $(25\pi \cos((2\pi)/25) \cos((27\pi)/3125))/8, -$   
 $(25\pi \cos((33\pi)/400) \cos((433\pi)/50000))/8, -$   
 $(25\pi \cos((17\pi)/200) \cos((217\pi)/25000))/8, -$   
 $(25\pi \cos((7\pi)/80) \cos((87\pi)/10000))/8, -$   
 $(25\pi \cos((9\pi)/100) \cos((109\pi)/12500))/8, -$   
 $(25\pi \cos((37\pi)/400) \cos((437\pi)/50000))/8, -$   
 $(25\pi \cos((19\pi)/200) \cos((219\pi)/25000))/8, -$   
 $(25\pi \cos((39\pi)/400) \cos((439\pi)/50000))/8, -$   
 $(25 \cdot 2^{(1/2)} \pi \cos((11\pi)/1250) \cdot (5^{(1/2)} + 5)^{(1/2)})/32, -$   
 $(25\pi \cos((41\pi)/400) \cos((441\pi)/50000))/8, -$   
 $(25\pi \cos((21\pi)/200) \cos((221\pi)/25000))/8, -$   
 $(25\pi \cos((43\pi)/400) \cos((443\pi)/50000))/8, -$   
 $(25\pi \cos((11\pi)/100) \cos((111\pi)/12500))/8, -$   
 $(25\pi \cos((9\pi)/80) \cos((89\pi)/10000))/8, -$   
 $(25\pi \cos((23\pi)/200) \cos((223\pi)/25000))/8, -$   
 $(25\pi \cos((47\pi)/400) \cos((447\pi)/50000))/8, -$   
 $(25\pi \cos((3\pi)/25) \cos((28\pi)/3125))/8, -$   
 $(25\pi \cos((49\pi)/400) \cos((449\pi)/50000))/8, - (25\pi \cos((9\pi)/1000) \cdot (2^{(1/2)} +$   
 $2)^{(1/2)})/16, - (25\pi \cos((51\pi)/400) \cos((451\pi)/50000))/8, -$

$(25\pi \cos((13\pi)/100) \cos((113\pi)/12500))/8, -$   
 $(25\pi \cos((53\pi)/400) \cos((453\pi)/50000))/8, -$   
 $(25\pi \cos((27\pi)/200) \cos((227\pi)/25000))/8, -$   
 $(25\pi \cos((11\pi)/80) \cos((91\pi)/10000))/8, -$   
 $(25\pi \cos((7\pi)/50) \cos((57\pi)/6250))/8, -$   
 $(25\pi \cos((57\pi)/400) \cos((457\pi)/50000))/8, -$   
 $(25\pi \cos((29\pi)/200) \cos((229\pi)/25000))/8, -$   
 $(25\pi \cos((59\pi)/400) \cos((459\pi)/50000))/8, -$   
 $(25\pi \cos((3\pi)/20) \cos((23\pi)/2500))/8, -$   
 $(25\pi \cos((61\pi)/400) \cos((461\pi)/50000))/8, -$   
 $(25\pi \cos((31\pi)/200) \cos((231\pi)/25000))/8, -$   
 $(25\pi \cos((63\pi)/400) \cos((463\pi)/50000))/8, -$   
 $(25\pi \cos((4\pi)/25) \cos((29\pi)/3125))/8, -$   
 $(25\pi \cos((13\pi)/80) \cos((93\pi)/10000))/8, -$   
 $(25\pi \cos((33\pi)/200) \cos((233\pi)/25000))/8, -$   
 $(25\pi \cos((67\pi)/400) \cos((467\pi)/50000))/8, -$   
 $(25\pi \cos((17\pi)/100) \cos((117\pi)/12500))/8, -$   
 $(25\pi \cos((69\pi)/400) \cos((469\pi)/50000))/8, -$   
 $(25\pi \cos((7\pi)/40) \cos((47\pi)/5000))/8, -$   
 $(25\pi \cos((71\pi)/400) \cos((471\pi)/50000))/8, -$   
 $(25\pi \cos((9\pi)/50) \cos((59\pi)/6250))/8, -$   
 $(25\pi \cos((73\pi)/400) \cos((473\pi)/50000))/8, -$   
 $(25\pi \cos((37\pi)/200) \cos((237\pi)/25000))/8, -$   
 $(25\pi \cos((3\pi)/16) \cos((19\pi)/2000))/8, -$   
 $(25\pi \cos((19\pi)/100) \cos((119\pi)/12500))/8, -$   
 $(25\pi \cos((77\pi)/400) \cos((477\pi)/50000))/8, -$   
 $(25\pi \cos((39\pi)/200) \cos((239\pi)/25000))/8, -$   
 $(25\pi \cos((79\pi)/400) \cos((479\pi)/50000))/8, - (25\pi \cos((6\pi)/625) * (5^{(1/2)}/4 +$   
 $1/4))/8, - (25\pi \cos((81\pi)/400) \cos((481\pi)/50000))/8, -$   
 $(25\pi \cos((41\pi)/200) \cos((241\pi)/25000))/8, -$   
 $(25\pi \cos((83\pi)/400) \cos((483\pi)/50000))/8, -$   
 $(25\pi \cos((21\pi)/100) \cos((121\pi)/12500))/8, -$   
 $(25\pi \cos((17\pi)/80) \cos((97\pi)/10000))/8, -$   
 $(25\pi \cos((43\pi)/200) \cos((243\pi)/25000))/8, -$   
 $(25\pi \cos((87\pi)/400) \cos((487\pi)/50000))/8, -$   
 $(25\pi \cos((11\pi)/50) \cos((61\pi)/6250))/8, -$   
 $(25\pi \cos((89\pi)/400) \cos((489\pi)/50000))/8, -$   
 $(25\pi \cos((9\pi)/40) \cos((49\pi)/5000))/8, -$   
 $(25\pi \cos((91\pi)/400) \cos((491\pi)/50000))/8, -$   
 $(25\pi \cos((23\pi)/100) \cos((123\pi)/12500))/8, -$   
 $(25\pi \cos((93\pi)/400) \cos((493\pi)/50000))/8, -$   
 $(25\pi \cos((47\pi)/200) \cos((247\pi)/25000))/8, -$   
 $(25\pi \cos((19\pi)/80) \cos((99\pi)/10000))/8, -$   
 $(25\pi \cos((6\pi)/25) \cos((31\pi)/3125))/8, -$   
 $(25\pi \cos((97\pi)/400) \cos((497\pi)/50000))/8, -$   
 $(25\pi \cos((49\pi)/200) \cos((249\pi)/25000))/8, -$   
 $(25\pi \cos((99\pi)/400) \cos((499\pi)/50000))/8, - (25*2^{(1/2)}*\pi*\cos(\pi/100))/16, -$   
 $(25\pi \cos((101\pi)/400) \cos((501\pi)/50000))/8, -$   
 $(25\pi \cos((51\pi)/200) \cos((251\pi)/25000))/8, -$   
 $(25\pi \cos((103\pi)/400) \cos((503\pi)/50000))/8, -$   
 $(25\pi \cos((13\pi)/50) \cos((63\pi)/6250))/8, -$

$(25\pi \cos((21\pi)/80) \cos((101\pi)/10000))/8, -$   
 $(25\pi \cos((53\pi)/200) \cos((253\pi)/25000))/8, -$   
 $(25\pi \cos((107\pi)/400) \cos((507\pi)/50000))/8, -$   
 $(25\pi \cos((27\pi)/100) \cos((127\pi)/12500))/8, -$   
 $(25\pi \cos((109\pi)/400) \cos((509\pi)/50000))/8, -$   
 $(25\pi \cos((11\pi)/40) \cos((51\pi)/5000))/8, -$   
 $(25\pi \cos((111\pi)/400) \cos((511\pi)/50000))/8, -$   
 $(25\pi \cos((7\pi)/25) \cos((32\pi)/3125))/8, -$   
 $(25\pi \cos((113\pi)/400) \cos((513\pi)/50000))/8, -$   
 $(25\pi \cos((57\pi)/200) \cos((257\pi)/25000))/8, -$   
 $(25\pi \cos((23\pi)/80) \cos((103\pi)/10000))/8, -$   
 $(25\pi \cos((29\pi)/100) \cos((129\pi)/12500))/8, -$   
 $(25\pi \cos((117\pi)/400) \cos((517\pi)/50000))/8, -$   
 $(25\pi \cos((59\pi)/200) \cos((259\pi)/25000))/8, -$   
 $(25\pi \cos((119\pi)/400) \cos((519\pi)/50000))/8, - (25 \cdot 2^{(1/2)} \pi \cos((13\pi)/1250) \cdot (5$   
 $- 5^{(1/2)})^{(1/2)})/32, - (25\pi \cos((121\pi)/400) \cos((521\pi)/50000))/8, -$   
 $(25\pi \cos((61\pi)/200) \cos((261\pi)/25000))/8, -$   
 $(25\pi \cos((123\pi)/400) \cos((523\pi)/50000))/8, -$   
 $(25\pi \cos((31\pi)/100) \cos((131\pi)/12500))/8, -$   
 $(25\pi \cos((5\pi)/16) \cos((21\pi)/2000))/8, -$   
 $(25\pi \cos((63\pi)/200) \cos((263\pi)/25000))/8, -$   
 $(25\pi \cos((127\pi)/400) \cos((527\pi)/50000))/8, -$   
 $(25\pi \cos((8\pi)/25) \cos((33\pi)/3125))/8, -$   
 $(25\pi \cos((129\pi)/400) \cos((529\pi)/50000))/8, -$   
 $(25\pi \cos((13\pi)/40) \cos((53\pi)/5000))/8, -$   
 $(25\pi \cos((131\pi)/400) \cos((531\pi)/50000))/8, -$   
 $(25\pi \cos((33\pi)/100) \cos((133\pi)/12500))/8, -$   
 $(25\pi \cos((133\pi)/400) \cos((533\pi)/50000))/8, -$   
 $(25\pi \cos((67\pi)/200) \cos((267\pi)/25000))/8, -$   
 $(25\pi \cos((27\pi)/80) \cos((107\pi)/10000))/8, -$   
 $(25\pi \cos((17\pi)/50) \cos((67\pi)/6250))/8, -$   
 $(25\pi \cos((137\pi)/400) \cos((537\pi)/50000))/8, -$   
 $(25\pi \cos((69\pi)/200) \cos((269\pi)/25000))/8, -$   
 $(25\pi \cos((139\pi)/400) \cos((539\pi)/50000))/8, -$   
 $(25\pi \cos((7\pi)/20) \cos((27\pi)/2500))/8, -$   
 $(25\pi \cos((141\pi)/400) \cos((541\pi)/50000))/8, -$   
 $(25\pi \cos((71\pi)/200) \cos((271\pi)/25000))/8, -$   
 $(25\pi \cos((143\pi)/400) \cos((543\pi)/50000))/8, -$   
 $(25\pi \cos((9\pi)/25) \cos((34\pi)/3125))/8, -$   
 $(25\pi \cos((29\pi)/80) \cos((109\pi)/10000))/8, -$   
 $(25\pi \cos((73\pi)/200) \cos((273\pi)/25000))/8, -$   
 $(25\pi \cos((147\pi)/400) \cos((547\pi)/50000))/8, -$   
 $(25\pi \cos((37\pi)/100) \cos((137\pi)/12500))/8, -$   
 $(25\pi \cos((149\pi)/400) \cos((549\pi)/50000))/8, - (25\pi \cos((11\pi)/1000) \cdot (2 -$   
 $2^{(1/2)})^{(1/2)})/16, - (25\pi \cos((151\pi)/400) \cos((551\pi)/50000))/8, -$   
 $(25\pi \cos((19\pi)/50) \cos((69\pi)/6250))/8, -$   
 $(25\pi \cos((153\pi)/400) \cos((553\pi)/50000))/8, -$   
 $(25\pi \cos((77\pi)/200) \cos((277\pi)/25000))/8, -$   
 $(25\pi \cos((31\pi)/80) \cos((111\pi)/10000))/8, -$   
 $(25\pi \cos((39\pi)/100) \cos((139\pi)/12500))/8, -$   
 $(25\pi \cos((157\pi)/400) \cos((557\pi)/50000))/8, -$



$(25\pi \cos((79\pi)/200) \cos((279\pi)/25000))/8, -$   
 $(25\pi \cos((159\pi)/400) \cos((559\pi)/50000))/8, - (25\pi \cos((7\pi)/625) * (5^{(1/2)}/4 -$   
 $1/4))/8, - (25\pi \cos((161\pi)/400) \cos((561\pi)/50000))/8, -$   
 $(25\pi \cos((81\pi)/200) \cos((281\pi)/25000))/8, -$   
 $(25\pi \cos((163\pi)/400) \cos((563\pi)/50000))/8, -$   
 $(25\pi \cos((41\pi)/100) \cos((141\pi)/12500))/8, -$   
 $(25\pi \cos((33\pi)/80) \cos((113\pi)/10000))/8, -$   
 $(25\pi \cos((83\pi)/200) \cos((283\pi)/25000))/8, -$   
 $(25\pi \cos((167\pi)/400) \cos((567\pi)/50000))/8, -$   
 $(25\pi \cos((21\pi)/50) \cos((71\pi)/6250))/8, -$   
 $(25\pi \cos((169\pi)/400) \cos((569\pi)/50000))/8, -$   
 $(25\pi \cos((17\pi)/40) \cos((57\pi)/5000))/8, -$   
 $(25\pi \cos((171\pi)/400) \cos((571\pi)/50000))/8, -$   
 $(25\pi \cos((43\pi)/100) \cos((143\pi)/12500))/8, -$   
 $(25\pi \cos((173\pi)/400) \cos((573\pi)/50000))/8, -$   
 $(25\pi \cos((87\pi)/200) \cos((287\pi)/25000))/8, -$   
 $(25\pi \cos((7\pi)/16) \cos((23\pi)/2000))/8, -$   
 $(25\pi \cos((11\pi)/25) \cos((36\pi)/3125))/8, -$   
 $(25\pi \cos((177\pi)/400) \cos((577\pi)/50000))/8, -$   
 $(25\pi \cos((89\pi)/200) \cos((289\pi)/25000))/8, -$   
 $(25\pi \cos((179\pi)/400) \cos((579\pi)/50000))/8, -$   
 $(25\pi \cos((9\pi)/20) \cos((29\pi)/2500))/8, -$   
 $(25\pi \cos((181\pi)/400) \cos((581\pi)/50000))/8, -$   
 $(25\pi \cos((91\pi)/200) \cos((291\pi)/25000))/8, -$   
 $(25\pi \cos((183\pi)/400) \cos((583\pi)/50000))/8, -$   
 $(25\pi \cos((23\pi)/50) \cos((73\pi)/6250))/8, -$   
 $(25\pi \cos((37\pi)/80) \cos((117\pi)/10000))/8, -$   
 $(25\pi \cos((93\pi)/200) \cos((293\pi)/25000))/8, -$   
 $(25\pi \cos((187\pi)/400) \cos((587\pi)/50000))/8, -$   
 $(25\pi \cos((47\pi)/100) \cos((147\pi)/12500))/8, -$   
 $(25\pi \cos((189\pi)/400) \cos((589\pi)/50000))/8, -$   
 $(25\pi \cos((19\pi)/40) \cos((59\pi)/5000))/8, -$   
 $(25\pi \cos((191\pi)/400) \cos((591\pi)/50000))/8, -$   
 $(25\pi \cos((12\pi)/25) \cos((37\pi)/3125))/8, -$   
 $(25\pi \cos((193\pi)/400) \cos((593\pi)/50000))/8, -$   
 $(25\pi \cos((97\pi)/200) \cos((297\pi)/25000))/8, -$   
 $(25\pi \cos((39\pi)/80) \cos((119\pi)/10000))/8, -$   
 $(25\pi \cos((49\pi)/100) \cos((149\pi)/12500))/8, -$   
 $(25\pi \cos((197\pi)/400) \cos((597\pi)/50000))/8, -$   
 $(25\pi \cos((99\pi)/200) \cos((299\pi)/25000))/8, -$   
 $(25\pi \cos((199\pi)/400) \cos((599\pi)/50000))/8, 0,$   
 $(25\pi \cos((199\pi)/400) \cos((601\pi)/50000))/8,$   
 $(25\pi \cos((99\pi)/200) \cos((301\pi)/25000))/8,$   
 $(25\pi \cos((197\pi)/400) \cos((603\pi)/50000))/8,$   
 $(25\pi \cos((49\pi)/100) \cos((151\pi)/12500))/8,$   
 $(25\pi \cos((39\pi)/80) \cos((121\pi)/10000))/8,$   
 $(25\pi \cos((97\pi)/200) \cos((303\pi)/25000))/8,$   
 $(25\pi \cos((193\pi)/400) \cos((607\pi)/50000))/8,$   
 $(25\pi \cos((12\pi)/25) \cos((38\pi)/3125))/8,$   
 $(25\pi \cos((191\pi)/400) \cos((609\pi)/50000))/8,$   
 $(25\pi \cos((19\pi)/40) \cos((61\pi)/5000))/8,$

$(25\pi \cos((189\pi)/400) \cos((611\pi)/50000))/8,$   
 $(25\pi \cos((47\pi)/100) \cos((153\pi)/12500))/8,$   
 $(25\pi \cos((187\pi)/400) \cos((613\pi)/50000))/8,$   
 $(25\pi \cos((93\pi)/200) \cos((307\pi)/25000))/8,$   
 $(25\pi \cos((37\pi)/80) \cos((123\pi)/10000))/8,$   
 $(25\pi \cos((23\pi)/50) \cos((77\pi)/6250))/8,$   
 $(25\pi \cos((183\pi)/400) \cos((617\pi)/50000))/8,$   
 $(25\pi \cos((91\pi)/200) \cos((309\pi)/25000))/8,$   
 $(25\pi \cos((181\pi)/400) \cos((619\pi)/50000))/8,$   
 $(25\pi \cos((9\pi)/20) \cos((31\pi)/2500))/8,$   
 $(25\pi \cos((179\pi)/400) \cos((621\pi)/50000))/8,$   
 $(25\pi \cos((89\pi)/200) \cos((311\pi)/25000))/8,$   
 $(25\pi \cos((177\pi)/400) \cos((623\pi)/50000))/8,$   
 $(25\pi \cos((11\pi)/25) \cos((39\pi)/3125))/8, (25\pi \cos((7\pi)/16) \cos(\pi/80))/8,$   
 $(25\pi \cos((87\pi)/200) \cos((313\pi)/25000))/8,$   
 $(25\pi \cos((173\pi)/400) \cos((627\pi)/50000))/8,$   
 $(25\pi \cos((43\pi)/100) \cos((157\pi)/12500))/8,$   
 $(25\pi \cos((171\pi)/400) \cos((629\pi)/50000))/8,$   
 $(25\pi \cos((17\pi)/40) \cos((63\pi)/5000))/8,$   
 $(25\pi \cos((169\pi)/400) \cos((631\pi)/50000))/8,$   
 $(25\pi \cos((21\pi)/50) \cos((79\pi)/6250))/8,$   
 $(25\pi \cos((167\pi)/400) \cos((633\pi)/50000))/8,$   
 $(25\pi \cos((83\pi)/200) \cos((317\pi)/25000))/8,$   
 $(25\pi \cos((33\pi)/80) \cos((127\pi)/10000))/8,$   
 $(25\pi \cos((41\pi)/100) \cos((159\pi)/12500))/8,$   
 $(25\pi \cos((163\pi)/400) \cos((637\pi)/50000))/8,$   
 $(25\pi \cos((81\pi)/200) \cos((319\pi)/25000))/8,$   
 $(25\pi \cos((161\pi)/400) \cos((639\pi)/50000))/8, (25\pi \cos((8\pi)/625) * (5^{(1/2)}/4 -$   
 $1/4))/8, (25\pi \cos((159\pi)/400) \cos((641\pi)/50000))/8,$   
 $(25\pi \cos((79\pi)/200) \cos((321\pi)/25000))/8,$   
 $(25\pi \cos((157\pi)/400) \cos((643\pi)/50000))/8,$   
 $(25\pi \cos((39\pi)/100) \cos((161\pi)/12500))/8,$   
 $(25\pi \cos((31\pi)/80) \cos((129\pi)/10000))/8,$   
 $(25\pi \cos((77\pi)/200) \cos((323\pi)/25000))/8,$   
 $(25\pi \cos((153\pi)/400) \cos((647\pi)/50000))/8,$   
 $(25\pi \cos((19\pi)/50) \cos((81\pi)/6250))/8,$   
 $(25\pi \cos((151\pi)/400) \cos((649\pi)/50000))/8, (25\pi \cos((13\pi)/1000) * (2 -$   
 $2^{(1/2)})^{(1/2)})/16, (25\pi \cos((149\pi)/400) \cos((651\pi)/50000))/8,$   
 $(25\pi \cos((37\pi)/100) \cos((163\pi)/12500))/8,$   
 $(25\pi \cos((147\pi)/400) \cos((653\pi)/50000))/8,$   
 $(25\pi \cos((73\pi)/200) \cos((327\pi)/25000))/8,$   
 $(25\pi \cos((29\pi)/80) \cos((131\pi)/10000))/8,$   
 $(25\pi \cos((9\pi)/25) \cos((41\pi)/3125))/8,$   
 $(25\pi \cos((143\pi)/400) \cos((657\pi)/50000))/8,$   
 $(25\pi \cos((71\pi)/200) \cos((329\pi)/25000))/8,$   
 $(25\pi \cos((141\pi)/400) \cos((659\pi)/50000))/8,$   
 $(25\pi \cos((7\pi)/20) \cos((33\pi)/2500))/8,$   
 $(25\pi \cos((139\pi)/400) \cos((661\pi)/50000))/8,$   
 $(25\pi \cos((69\pi)/200) \cos((331\pi)/25000))/8,$   
 $(25\pi \cos((137\pi)/400) \cos((663\pi)/50000))/8,$   
 $(25\pi \cos((17\pi)/50) \cos((83\pi)/6250))/8,$

$(25\pi \cos((27\pi)/80) \cos((133\pi)/10000))/8,$   
 $(25\pi \cos((67\pi)/200) \cos((333\pi)/25000))/8,$   
 $(25\pi \cos((133\pi)/400) \cos((667\pi)/50000))/8,$   
 $(25\pi \cos((33\pi)/100) \cos((167\pi)/12500))/8,$   
 $(25\pi \cos((131\pi)/400) \cos((669\pi)/50000))/8,$   
 $(25\pi \cos((13\pi)/40) \cos((67\pi)/5000))/8,$   
 $(25\pi \cos((129\pi)/400) \cos((671\pi)/50000))/8,$   
 $(25\pi \cos((8\pi)/25) \cos((42\pi)/3125))/8,$   
 $(25\pi \cos((127\pi)/400) \cos((673\pi)/50000))/8,$   
 $(25\pi \cos((63\pi)/200) \cos((337\pi)/25000))/8,$   
 $(25\pi \cos((5\pi)/16) \cos((27\pi)/2000))/8,$   
 $(25\pi \cos((31\pi)/100) \cos((169\pi)/12500))/8,$   
 $(25\pi \cos((123\pi)/400) \cos((677\pi)/50000))/8,$   
 $(25\pi \cos((61\pi)/200) \cos((339\pi)/25000))/8,$   
 $(25\pi \cos((121\pi)/400) \cos((679\pi)/50000))/8, (25 \cdot 2^{(1/2)} \pi \cos((17\pi)/1250) \cdot (5 - 5^{(1/2)})^{(1/2)})/32,$   
 $(25\pi \cos((119\pi)/400) \cos((681\pi)/50000))/8,$   
 $(25\pi \cos((59\pi)/200) \cos((341\pi)/25000))/8,$   
 $(25\pi \cos((117\pi)/400) \cos((683\pi)/50000))/8,$   
 $(25\pi \cos((29\pi)/100) \cos((171\pi)/12500))/8,$   
 $(25\pi \cos((23\pi)/80) \cos((137\pi)/10000))/8,$   
 $(25\pi \cos((57\pi)/200) \cos((343\pi)/25000))/8,$   
 $(25\pi \cos((113\pi)/400) \cos((687\pi)/50000))/8,$   
 $(25\pi \cos((7\pi)/25) \cos((43\pi)/3125))/8,$   
 $(25\pi \cos((111\pi)/400) \cos((689\pi)/50000))/8,$   
 $(25\pi \cos((11\pi)/40) \cos((69\pi)/5000))/8,$   
 $(25\pi \cos((109\pi)/400) \cos((691\pi)/50000))/8,$   
 $(25\pi \cos((27\pi)/100) \cos((173\pi)/12500))/8,$   
 $(25\pi \cos((107\pi)/400) \cos((693\pi)/50000))/8,$   
 $(25\pi \cos((53\pi)/200) \cos((347\pi)/25000))/8,$   
 $(25\pi \cos((21\pi)/80) \cos((139\pi)/10000))/8,$   
 $(25\pi \cos((13\pi)/50) \cos((87\pi)/6250))/8,$   
 $(25\pi \cos((103\pi)/400) \cos((697\pi)/50000))/8,$   
 $(25\pi \cos((51\pi)/200) \cos((349\pi)/25000))/8,$   
 $(25\pi \cos((101\pi)/400) \cos((699\pi)/50000))/8, (25 \cdot 2^{(1/2)} \pi \cos((7\pi)/500))/16,$   
 $(25\pi \cos((99\pi)/400) \cos((701\pi)/50000))/8,$   
 $(25\pi \cos((49\pi)/200) \cos((351\pi)/25000))/8,$   
 $(25\pi \cos((97\pi)/400) \cos((703\pi)/50000))/8,$   
 $(25\pi \cos((6\pi)/25) \cos((44\pi)/3125))/8,$   
 $(25\pi \cos((19\pi)/80) \cos((141\pi)/10000))/8,$   
 $(25\pi \cos((47\pi)/200) \cos((353\pi)/25000))/8,$   
 $(25\pi \cos((93\pi)/400) \cos((707\pi)/50000))/8,$   
 $(25\pi \cos((23\pi)/100) \cos((177\pi)/12500))/8,$   
 $(25\pi \cos((91\pi)/400) \cos((709\pi)/50000))/8,$   
 $(25\pi \cos((9\pi)/40) \cos((71\pi)/5000))/8,$   
 $(25\pi \cos((89\pi)/400) \cos((711\pi)/50000))/8,$   
 $(25\pi \cos((11\pi)/50) \cos((89\pi)/6250))/8,$   
 $(25\pi \cos((87\pi)/400) \cos((713\pi)/50000))/8,$   
 $(25\pi \cos((43\pi)/200) \cos((357\pi)/25000))/8,$   
 $(25\pi \cos((17\pi)/80) \cos((143\pi)/10000))/8,$   
 $(25\pi \cos((21\pi)/100) \cos((179\pi)/12500))/8,$   
 $(25\pi \cos((83\pi)/400) \cos((717\pi)/50000))/8,$

$(25\pi \cos((41\pi)/200) \cos((359\pi)/25000))/8,$   
 $(25\pi \cos((81\pi)/400) \cos((719\pi)/50000))/8, (25\pi \cos((9\pi)/625) * (5^{(1/2)}/4 + 1/4))/8,$   
 $(25\pi \cos((79\pi)/400) \cos((721\pi)/50000))/8,$   
 $(25\pi \cos((39\pi)/200) \cos((361\pi)/25000))/8,$   
 $(25\pi \cos((77\pi)/400) \cos((723\pi)/50000))/8,$   
 $(25\pi \cos((19\pi)/100) \cos((181\pi)/12500))/8,$   
 $(25\pi \cos((3\pi)/16) \cos((29\pi)/2000))/8,$   
 $(25\pi \cos((37\pi)/200) \cos((363\pi)/25000))/8,$   
 $(25\pi \cos((73\pi)/400) \cos((727\pi)/50000))/8,$   
 $(25\pi \cos((9\pi)/50) \cos((91\pi)/6250))/8,$   
 $(25\pi \cos((71\pi)/400) \cos((729\pi)/50000))/8,$   
 $(25\pi \cos((7\pi)/40) \cos((73\pi)/5000))/8,$   
 $(25\pi \cos((69\pi)/400) \cos((731\pi)/50000))/8,$   
 $(25\pi \cos((17\pi)/100) \cos((183\pi)/12500))/8,$   
 $(25\pi \cos((67\pi)/400) \cos((733\pi)/50000))/8,$   
 $(25\pi \cos((33\pi)/200) \cos((367\pi)/25000))/8,$   
 $(25\pi \cos((13\pi)/80) \cos((147\pi)/10000))/8,$   
 $(25\pi \cos((4\pi)/25) \cos((46\pi)/3125))/8,$   
 $(25\pi \cos((63\pi)/400) \cos((737\pi)/50000))/8,$   
 $(25\pi \cos((31\pi)/200) \cos((369\pi)/25000))/8,$   
 $(25\pi \cos((61\pi)/400) \cos((739\pi)/50000))/8,$   
 $(25\pi \cos((3\pi)/20) \cos((37\pi)/2500))/8,$   
 $(25\pi \cos((59\pi)/400) \cos((741\pi)/50000))/8,$   
 $(25\pi \cos((29\pi)/200) \cos((371\pi)/25000))/8,$   
 $(25\pi \cos((57\pi)/400) \cos((743\pi)/50000))/8,$   
 $(25\pi \cos((7\pi)/50) \cos((93\pi)/6250))/8,$   
 $(25\pi \cos((11\pi)/80) \cos((149\pi)/10000))/8,$   
 $(25\pi \cos((27\pi)/200) \cos((373\pi)/25000))/8,$   
 $(25\pi \cos((53\pi)/400) \cos((747\pi)/50000))/8,$   
 $(25\pi \cos((13\pi)/100) \cos((187\pi)/12500))/8,$   
 $(25\pi \cos((51\pi)/400) \cos((749\pi)/50000))/8, (25\pi \cos((3\pi)/200) * (2^{(1/2)} + 2)^{(1/2)})/16,$   
 $(25\pi \cos((49\pi)/400) \cos((751\pi)/50000))/8,$   
 $(25\pi \cos((3\pi)/25) \cos((47\pi)/3125))/8,$   
 $(25\pi \cos((47\pi)/400) \cos((753\pi)/50000))/8,$   
 $(25\pi \cos((23\pi)/200) \cos((377\pi)/25000))/8,$   
 $(25\pi \cos((9\pi)/80) \cos((151\pi)/10000))/8,$   
 $(25\pi \cos((11\pi)/100) \cos((189\pi)/12500))/8,$   
 $(25\pi \cos((43\pi)/400) \cos((757\pi)/50000))/8,$   
 $(25\pi \cos((21\pi)/200) \cos((379\pi)/25000))/8,$   
 $(25\pi \cos((41\pi)/400) \cos((759\pi)/50000))/8,$   
 $(25 * 2^{(1/2)} * \pi * \cos((19\pi)/1250) * (5^{(1/2)} + 5)^{(1/2)})/32,$   
 $(25\pi \cos((39\pi)/400) \cos((761\pi)/50000))/8,$   
 $(25\pi \cos((19\pi)/200) \cos((381\pi)/25000))/8,$   
 $(25\pi \cos((37\pi)/400) \cos((763\pi)/50000))/8,$   
 $(25\pi \cos((9\pi)/100) \cos((191\pi)/12500))/8,$   
 $(25\pi \cos((7\pi)/80) \cos((153\pi)/10000))/8,$   
 $(25\pi \cos((17\pi)/200) \cos((383\pi)/25000))/8,$   
 $(25\pi \cos((33\pi)/400) \cos((767\pi)/50000))/8,$   
 $(25\pi \cos((2\pi)/25) \cos((48\pi)/3125))/8,$   
 $(25\pi \cos((31\pi)/400) \cos((769\pi)/50000))/8,$   
 $(25\pi \cos((3\pi)/40) \cos((77\pi)/5000))/8,$

$(25\pi \cos((29\pi)/400) \cos((771\pi)/50000))/8,$   
 $(25\pi \cos((7\pi)/100) \cos((193\pi)/12500))/8,$   
 $(25\pi \cos((27\pi)/400) \cos((773\pi)/50000))/8,$   
 $(25\pi \cos((13\pi)/200) \cos((387\pi)/25000))/8,$   
 $(25\pi \cos(\pi/16) \cos((31\pi)/2000))/8, (25\pi \cos((3\pi)/50) \cos((97\pi)/6250))/8,$   
 $(25\pi \cos((23\pi)/400) \cos((777\pi)/50000))/8,$   
 $(25\pi \cos((11\pi)/200) \cos((389\pi)/25000))/8,$   
 $(25\pi \cos((21\pi)/400) \cos((779\pi)/50000))/8,$   
 $(25\pi \cos(\pi/20) \cos((39\pi)/2500))/8,$   
 $(25\pi \cos((19\pi)/400) \cos((781\pi)/50000))/8,$   
 $(25\pi \cos((9\pi)/200) \cos((391\pi)/25000))/8,$   
 $(25\pi \cos((17\pi)/400) \cos((783\pi)/50000))/8,$   
 $(25\pi \cos(\pi/25) \cos((49\pi)/3125))/8, (25\pi \cos((3\pi)/80) \cos((157\pi)/10000))/8,$   
 $(25\pi \cos((7\pi)/200) \cos((393\pi)/25000))/8,$   
 $(25\pi \cos((13\pi)/400) \cos((787\pi)/50000))/8,$   
 $(25\pi \cos((3\pi)/100) \cos((197\pi)/12500))/8,$   
 $(25\pi \cos((11\pi)/400) \cos((789\pi)/50000))/8,$   
 $(25\pi \cos(\pi/40) \cos((79\pi)/5000))/8, (25\pi \cos((9\pi)/400) \cos((791\pi)/50000))/8,$   
 $(25\pi \cos(\pi/50) \cos((99\pi)/6250))/8, (25\pi \cos((7\pi)/400) \cos((793\pi)/50000))/8,$   
 $(25\pi \cos((3\pi)/200) \cos((397\pi)/25000))/8,$   
 $(25\pi \cos(\pi/80) \cos((159\pi)/10000))/8, (25\pi \cos(\pi/100) \cos((199\pi)/12500))/8,$   
 $(25\pi \cos((3\pi)/400) \cos((797\pi)/50000))/8,$   
 $(25\pi \cos(\pi/200) \cos((399\pi)/25000))/8, (25\pi \cos(\pi/400) \cos((799\pi)/50000))/8,$   
 $(25\pi \cos((2\pi)/125))/8, (25\pi \cos(\pi/400) \cos((801\pi)/50000))/8,$   
 $(25\pi \cos(\pi/200) \cos((401\pi)/25000))/8,$   
 $(25\pi \cos((3\pi)/400) \cos((803\pi)/50000))/8,$   
 $(25\pi \cos(\pi/100) \cos((201\pi)/12500))/8, (25\pi \cos(\pi/80) \cos((161\pi)/10000))/8,$   
 $(25\pi \cos((3\pi)/200) \cos((403\pi)/25000))/8,$   
 $(25\pi \cos((7\pi)/400) \cos((807\pi)/50000))/8,$   
 $(25\pi \cos(\pi/50) \cos((101\pi)/6250))/8,$   
 $(25\pi \cos((9\pi)/400) \cos((809\pi)/50000))/8, (25\pi \cos(\pi/40) \cos((81\pi)/5000))/8,$   
 $(25\pi \cos((11\pi)/400) \cos((811\pi)/50000))/8,$   
 $(25\pi \cos((3\pi)/100) \cos((203\pi)/12500))/8,$   
 $(25\pi \cos((13\pi)/400) \cos((813\pi)/50000))/8,$   
 $(25\pi \cos((7\pi)/200) \cos((407\pi)/25000))/8,$   
 $(25\pi \cos((3\pi)/80) \cos((163\pi)/10000))/8, (25\pi \cos(\pi/25) \cos((51\pi)/3125))/8,$   
 $(25\pi \cos((17\pi)/400) \cos((817\pi)/50000))/8,$   
 $(25\pi \cos((9\pi)/200) \cos((409\pi)/25000))/8,$   
 $(25\pi \cos((19\pi)/400) \cos((819\pi)/50000))/8,$   
 $(25\pi \cos(\pi/20) \cos((41\pi)/2500))/8,$   
 $(25\pi \cos((21\pi)/400) \cos((821\pi)/50000))/8,$   
 $(25\pi \cos((11\pi)/200) \cos((411\pi)/25000))/8,$   
 $(25\pi \cos((23\pi)/400) \cos((823\pi)/50000))/8,$   
 $(25\pi \cos((3\pi)/50) \cos((103\pi)/6250))/8, (25\pi \cos(\pi/16) \cos((33\pi)/2000))/8,$   
 $(25\pi \cos((13\pi)/200) \cos((413\pi)/25000))/8,$   
 $(25\pi \cos((27\pi)/400) \cos((827\pi)/50000))/8,$   
 $(25\pi \cos((7\pi)/100) \cos((207\pi)/12500))/8,$   
 $(25\pi \cos((29\pi)/400) \cos((829\pi)/50000))/8,$   
 $(25\pi \cos((3\pi)/40) \cos((83\pi)/5000))/8,$   
 $(25\pi \cos((31\pi)/400) \cos((831\pi)/50000))/8,$   
 $(25\pi \cos((2\pi)/25) \cos((52\pi)/3125))/8,$

$(25\pi \cos((33\pi)/400) \cos((833\pi)/50000))/8,$   
 $(25\pi \cos((17\pi)/200) \cos((417\pi)/25000))/8,$   
 $(25\pi \cos((7\pi)/80) \cos((167\pi)/10000))/8,$   
 $(25\pi \cos((9\pi)/100) \cos((209\pi)/12500))/8,$   
 $(25\pi \cos((37\pi)/400) \cos((837\pi)/50000))/8,$   
 $(25\pi \cos((19\pi)/200) \cos((419\pi)/25000))/8,$   
 $(25\pi \cos((39\pi)/400) \cos((839\pi)/50000))/8,$   
 $(25 \cdot 2^{(1/2)} \pi \cos((21\pi)/1250) \cdot (5^{(1/2)} + 5^{(1/2)}))/32,$   
 $(25\pi \cos((41\pi)/400) \cos((841\pi)/50000))/8,$   
 $(25\pi \cos((21\pi)/200) \cos((421\pi)/25000))/8,$   
 $(25\pi \cos((43\pi)/400) \cos((843\pi)/50000))/8,$   
 $(25\pi \cos((11\pi)/100) \cos((211\pi)/12500))/8,$   
 $(25\pi \cos((9\pi)/80) \cos((169\pi)/10000))/8,$   
 $(25\pi \cos((23\pi)/200) \cos((423\pi)/25000))/8,$   
 $(25\pi \cos((47\pi)/400) \cos((847\pi)/50000))/8,$   
 $(25\pi \cos((3\pi)/25) \cos((53\pi)/3125))/8,$   
 $(25\pi \cos((49\pi)/400) \cos((849\pi)/50000))/8, (25\pi \cos((17\pi)/1000) \cdot (2^{(1/2)} + 2)^{(1/2)})/16, (25\pi \cos((51\pi)/400) \cos((851\pi)/50000))/8,$   
 $(25\pi \cos((13\pi)/100) \cos((213\pi)/12500))/8,$   
 $(25\pi \cos((53\pi)/400) \cos((853\pi)/50000))/8,$   
 $(25\pi \cos((27\pi)/200) \cos((427\pi)/25000))/8,$   
 $(25\pi \cos((11\pi)/80) \cos((171\pi)/10000))/8,$   
 $(25\pi \cos((7\pi)/50) \cos((107\pi)/6250))/8,$   
 $(25\pi \cos((57\pi)/400) \cos((857\pi)/50000))/8,$   
 $(25\pi \cos((29\pi)/200) \cos((429\pi)/25000))/8,$   
 $(25\pi \cos((59\pi)/400) \cos((859\pi)/50000))/8,$   
 $(25\pi \cos((3\pi)/20) \cos((43\pi)/2500))/8,$   
 $(25\pi \cos((61\pi)/400) \cos((861\pi)/50000))/8,$   
 $(25\pi \cos((31\pi)/200) \cos((431\pi)/25000))/8,$   
 $(25\pi \cos((63\pi)/400) \cos((863\pi)/50000))/8,$   
 $(25\pi \cos((4\pi)/25) \cos((54\pi)/3125))/8,$   
 $(25\pi \cos((13\pi)/80) \cos((173\pi)/10000))/8,$   
 $(25\pi \cos((33\pi)/200) \cos((433\pi)/25000))/8,$   
 $(25\pi \cos((67\pi)/400) \cos((867\pi)/50000))/8,$   
 $(25\pi \cos((17\pi)/100) \cos((217\pi)/12500))/8,$   
 $(25\pi \cos((69\pi)/400) \cos((869\pi)/50000))/8,$   
 $(25\pi \cos((7\pi)/40) \cos((87\pi)/5000))/8,$   
 $(25\pi \cos((71\pi)/400) \cos((871\pi)/50000))/8,$   
 $(25\pi \cos((9\pi)/50) \cos((109\pi)/6250))/8,$   
 $(25\pi \cos((73\pi)/400) \cos((873\pi)/50000))/8,$   
 $(25\pi \cos((37\pi)/200) \cos((437\pi)/25000))/8,$   
 $(25\pi \cos((3\pi)/16) \cos((7\pi)/400))/8,$   
 $(25\pi \cos((19\pi)/100) \cos((219\pi)/12500))/8,$   
 $(25\pi \cos((77\pi)/400) \cos((877\pi)/50000))/8,$   
 $(25\pi \cos((39\pi)/200) \cos((439\pi)/25000))/8,$   
 $(25\pi \cos((79\pi)/400) \cos((879\pi)/50000))/8, (25\pi \cos((11\pi)/625) \cdot (5^{(1/2)}/4 + 1/4))/8, (25\pi \cos((81\pi)/400) \cos((881\pi)/50000))/8,$   
 $(25\pi \cos((41\pi)/200) \cos((441\pi)/25000))/8,$   
 $(25\pi \cos((83\pi)/400) \cos((883\pi)/50000))/8,$   
 $(25\pi \cos((21\pi)/100) \cos((221\pi)/12500))/8,$   
 $(25\pi \cos((17\pi)/80) \cos((177\pi)/10000))/8,$

$(25\pi \cos((43\pi)/200) \cos((443\pi)/25000))/8,$   
 $(25\pi \cos((87\pi)/400) \cos((887\pi)/50000))/8,$   
 $(25\pi \cos((11\pi)/50) \cos((111\pi)/6250))/8,$   
 $(25\pi \cos((89\pi)/400) \cos((889\pi)/50000))/8,$   
 $(25\pi \cos((9\pi)/40) \cos((89\pi)/5000))/8,$   
 $(25\pi \cos((91\pi)/400) \cos((891\pi)/50000))/8,$   
 $(25\pi \cos((23\pi)/100) \cos((223\pi)/12500))/8,$   
 $(25\pi \cos((93\pi)/400) \cos((893\pi)/50000))/8,$   
 $(25\pi \cos((47\pi)/200) \cos((447\pi)/25000))/8,$   
 $(25\pi \cos((19\pi)/80) \cos((179\pi)/10000))/8,$   
 $(25\pi \cos((6\pi)/25) \cos((56\pi)/3125))/8,$   
 $(25\pi \cos((97\pi)/400) \cos((897\pi)/50000))/8,$   
 $(25\pi \cos((49\pi)/200) \cos((449\pi)/25000))/8,$   
 $(25\pi \cos((99\pi)/400) \cos((899\pi)/50000))/8, (25 \cdot 2^{(1/2)} \pi \cos((9\pi)/500))/16,$   
 $(25\pi \cos((101\pi)/400) \cos((901\pi)/50000))/8,$   
 $(25\pi \cos((51\pi)/200) \cos((451\pi)/25000))/8,$   
 $(25\pi \cos((103\pi)/400) \cos((903\pi)/50000))/8,$   
 $(25\pi \cos((13\pi)/50) \cos((113\pi)/6250))/8,$   
 $(25\pi \cos((21\pi)/80) \cos((181\pi)/10000))/8,$   
 $(25\pi \cos((53\pi)/200) \cos((453\pi)/25000))/8,$   
 $(25\pi \cos((107\pi)/400) \cos((907\pi)/50000))/8,$   
 $(25\pi \cos((27\pi)/100) \cos((227\pi)/12500))/8,$   
 $(25\pi \cos((109\pi)/400) \cos((909\pi)/50000))/8,$   
 $(25\pi \cos((11\pi)/40) \cos((91\pi)/5000))/8,$   
 $(25\pi \cos((111\pi)/400) \cos((911\pi)/50000))/8,$   
 $(25\pi \cos((7\pi)/25) \cos((57\pi)/3125))/8,$   
 $(25\pi \cos((113\pi)/400) \cos((913\pi)/50000))/8,$   
 $(25\pi \cos((57\pi)/200) \cos((457\pi)/25000))/8,$   
 $(25\pi \cos((23\pi)/80) \cos((183\pi)/10000))/8,$   
 $(25\pi \cos((29\pi)/100) \cos((229\pi)/12500))/8,$   
 $(25\pi \cos((117\pi)/400) \cos((917\pi)/50000))/8,$   
 $(25\pi \cos((59\pi)/200) \cos((459\pi)/25000))/8,$   
 $(25\pi \cos((119\pi)/400) \cos((919\pi)/50000))/8, (25 \cdot 2^{(1/2)} \pi \cos((23\pi)/1250) \cdot (5 - 5^{(1/2)})^{(1/2)})/32,$   
 $(25\pi \cos((121\pi)/400) \cos((921\pi)/50000))/8,$   
 $(25\pi \cos((61\pi)/200) \cos((461\pi)/25000))/8,$   
 $(25\pi \cos((123\pi)/400) \cos((923\pi)/50000))/8,$   
 $(25\pi \cos((31\pi)/100) \cos((231\pi)/12500))/8,$   
 $(25\pi \cos((5\pi)/16) \cos((37\pi)/2000))/8,$   
 $(25\pi \cos((63\pi)/200) \cos((463\pi)/25000))/8,$   
 $(25\pi \cos((127\pi)/400) \cos((927\pi)/50000))/8,$   
 $(25\pi \cos((8\pi)/25) \cos((58\pi)/3125))/8,$   
 $(25\pi \cos((129\pi)/400) \cos((929\pi)/50000))/8,$   
 $(25\pi \cos((13\pi)/40) \cos((93\pi)/5000))/8,$   
 $(25\pi \cos((131\pi)/400) \cos((931\pi)/50000))/8,$   
 $(25\pi \cos((33\pi)/100) \cos((233\pi)/12500))/8,$   
 $(25\pi \cos((133\pi)/400) \cos((933\pi)/50000))/8,$   
 $(25\pi \cos((67\pi)/200) \cos((467\pi)/25000))/8,$   
 $(25\pi \cos((27\pi)/80) \cos((187\pi)/10000))/8,$   
 $(25\pi \cos((17\pi)/50) \cos((117\pi)/6250))/8,$   
 $(25\pi \cos((137\pi)/400) \cos((937\pi)/50000))/8,$   
 $(25\pi \cos((69\pi)/200) \cos((469\pi)/25000))/8,$

$(25\pi \cos((139\pi)/400) \cos((939\pi)/50000))/8,$   
 $(25\pi \cos((7\pi)/20) \cos((47\pi)/2500))/8,$   
 $(25\pi \cos((141\pi)/400) \cos((941\pi)/50000))/8,$   
 $(25\pi \cos((71\pi)/200) \cos((471\pi)/25000))/8,$   
 $(25\pi \cos((143\pi)/400) \cos((943\pi)/50000))/8,$   
 $(25\pi \cos((9\pi)/25) \cos((59\pi)/3125))/8,$   
 $(25\pi \cos((29\pi)/80) \cos((189\pi)/10000))/8,$   
 $(25\pi \cos((73\pi)/200) \cos((473\pi)/25000))/8,$   
 $(25\pi \cos((147\pi)/400) \cos((947\pi)/50000))/8,$   
 $(25\pi \cos((37\pi)/100) \cos((237\pi)/12500))/8,$   
 $(25\pi \cos((149\pi)/400) \cos((949\pi)/50000))/8, (25\pi \cos((19\pi)/1000) * (2 - 2^{(1/2)})^{(1/2)})/16, (25\pi \cos((151\pi)/400) \cos((951\pi)/50000))/8,$   
 $(25\pi \cos((19\pi)/50) \cos((119\pi)/6250))/8,$   
 $(25\pi \cos((153\pi)/400) \cos((953\pi)/50000))/8,$   
 $(25\pi \cos((77\pi)/200) \cos((477\pi)/25000))/8,$   
 $(25\pi \cos((31\pi)/80) \cos((191\pi)/10000))/8,$   
 $(25\pi \cos((39\pi)/100) \cos((239\pi)/12500))/8,$   
 $(25\pi \cos((157\pi)/400) \cos((957\pi)/50000))/8,$   
 $(25\pi \cos((79\pi)/200) \cos((479\pi)/25000))/8,$   
 $(25\pi \cos((159\pi)/400) \cos((959\pi)/50000))/8, (25\pi \cos((12\pi)/625) * (5^{(1/2)}/4 - 1/4))/8, (25\pi \cos((161\pi)/400) \cos((961\pi)/50000))/8,$   
 $(25\pi \cos((81\pi)/200) \cos((481\pi)/25000))/8,$   
 $(25\pi \cos((163\pi)/400) \cos((963\pi)/50000))/8,$   
 $(25\pi \cos((41\pi)/100) \cos((241\pi)/12500))/8,$   
 $(25\pi \cos((33\pi)/80) \cos((193\pi)/10000))/8,$   
 $(25\pi \cos((83\pi)/200) \cos((483\pi)/25000))/8,$   
 $(25\pi \cos((167\pi)/400) \cos((967\pi)/50000))/8,$   
 $(25\pi \cos((21\pi)/50) \cos((121\pi)/6250))/8,$   
 $(25\pi \cos((169\pi)/400) \cos((969\pi)/50000))/8,$   
 $(25\pi \cos((17\pi)/40) \cos((97\pi)/5000))/8,$   
 $(25\pi \cos((171\pi)/400) \cos((971\pi)/50000))/8,$   
 $(25\pi \cos((43\pi)/100) \cos((243\pi)/12500))/8,$   
 $(25\pi \cos((173\pi)/400) \cos((973\pi)/50000))/8,$   
 $(25\pi \cos((87\pi)/200) \cos((487\pi)/25000))/8,$   
 $(25\pi \cos((7\pi)/16) \cos((39\pi)/2000))/8,$   
 $(25\pi \cos((11\pi)/25) \cos((61\pi)/3125))/8,$   
 $(25\pi \cos((177\pi)/400) \cos((977\pi)/50000))/8,$   
 $(25\pi \cos((89\pi)/200) \cos((489\pi)/25000))/8,$   
 $(25\pi \cos((179\pi)/400) \cos((979\pi)/50000))/8,$   
 $(25\pi \cos((9\pi)/20) \cos((49\pi)/2500))/8,$   
 $(25\pi \cos((181\pi)/400) \cos((981\pi)/50000))/8,$   
 $(25\pi \cos((91\pi)/200) \cos((491\pi)/25000))/8,$   
 $(25\pi \cos((183\pi)/400) \cos((983\pi)/50000))/8,$   
 $(25\pi \cos((23\pi)/50) \cos((123\pi)/6250))/8,$   
 $(25\pi \cos((37\pi)/80) \cos((197\pi)/10000))/8,$   
 $(25\pi \cos((93\pi)/200) \cos((493\pi)/25000))/8,$   
 $(25\pi \cos((187\pi)/400) \cos((987\pi)/50000))/8,$   
 $(25\pi \cos((47\pi)/100) \cos((247\pi)/12500))/8,$   
 $(25\pi \cos((189\pi)/400) \cos((989\pi)/50000))/8,$   
 $(25\pi \cos((19\pi)/40) \cos((99\pi)/5000))/8,$   
 $(25\pi \cos((191\pi)/400) \cos((991\pi)/50000))/8,$



$(25\pi \cos((12\pi)/25) \cos((62\pi)/3125))/8,$   
 $(25\pi \cos((193\pi)/400) \cos((993\pi)/50000))/8,$   
 $(25\pi \cos((97\pi)/200) \cos((497\pi)/25000))/8,$   
 $(25\pi \cos((39\pi)/80) \cos((199\pi)/10000))/8,$   
 $(25\pi \cos((49\pi)/100) \cos((249\pi)/12500))/8,$   
 $(25\pi \cos((197\pi)/400) \cos((997\pi)/50000))/8,$   
 $(25\pi \cos((99\pi)/200) \cos((499\pi)/25000))/8,$   
 $(25\pi \cos((199\pi)/400) \cos((999\pi)/50000))/8, 0, -$   
 $(25\pi \cos((199\pi)/400) \cos((1001\pi)/50000))/8, -$   
 $(25\pi \cos((99\pi)/200) \cos((501\pi)/25000))/8, -$   
 $(25\pi \cos((197\pi)/400) \cos((1003\pi)/50000))/8, -$   
 $(25\pi \cos((49\pi)/100) \cos((251\pi)/12500))/8, -$   
 $(25\pi \cos((39\pi)/80) \cos((201\pi)/10000))/8, -$   
 $(25\pi \cos((97\pi)/200) \cos((503\pi)/25000))/8, -$   
 $(25\pi \cos((193\pi)/400) \cos((1007\pi)/50000))/8, -$   
 $(25\pi \cos((12\pi)/25) \cos((63\pi)/3125))/8, -$   
 $(25\pi \cos((191\pi)/400) \cos((1009\pi)/50000))/8, -$   
 $(25\pi \cos((19\pi)/40) \cos((101\pi)/5000))/8, -$   
 $(25\pi \cos((189\pi)/400) \cos((1011\pi)/50000))/8, -$   
 $(25\pi \cos((47\pi)/100) \cos((253\pi)/12500))/8, -$   
 $(25\pi \cos((187\pi)/400) \cos((1013\pi)/50000))/8, -$   
 $(25\pi \cos((93\pi)/200) \cos((507\pi)/25000))/8, -$   
 $(25\pi \cos((37\pi)/80) \cos((203\pi)/10000))/8, -$   
 $(25\pi \cos((23\pi)/50) \cos((127\pi)/6250))/8, -$   
 $(25\pi \cos((183\pi)/400) \cos((1017\pi)/50000))/8, -$   
 $(25\pi \cos((91\pi)/200) \cos((509\pi)/25000))/8, -$   
 $(25\pi \cos((181\pi)/400) \cos((1019\pi)/50000))/8, -$   
 $(25\pi \cos((9\pi)/20) \cos((51\pi)/2500))/8, -$   
 $(25\pi \cos((179\pi)/400) \cos((1021\pi)/50000))/8, -$   
 $(25\pi \cos((89\pi)/200) \cos((511\pi)/25000))/8, -$   
 $(25\pi \cos((177\pi)/400) \cos((1023\pi)/50000))/8, -$   
 $(25\pi \cos((11\pi)/25) \cos((64\pi)/3125))/8, -$   
 $(25\pi \cos((7\pi)/16) \cos((41\pi)/2000))/8, -$   
 $(25\pi \cos((87\pi)/200) \cos((513\pi)/25000))/8, -$   
 $(25\pi \cos((173\pi)/400) \cos((1027\pi)/50000))/8, -$   
 $(25\pi \cos((43\pi)/100) \cos((257\pi)/12500))/8, -$   
 $(25\pi \cos((171\pi)/400) \cos((1029\pi)/50000))/8, -$   
 $(25\pi \cos((17\pi)/40) \cos((103\pi)/5000))/8, -$   
 $(25\pi \cos((169\pi)/400) \cos((1031\pi)/50000))/8, -$   
 $(25\pi \cos((21\pi)/50) \cos((129\pi)/6250))/8, -$   
 $(25\pi \cos((167\pi)/400) \cos((1033\pi)/50000))/8, -$   
 $(25\pi \cos((83\pi)/200) \cos((517\pi)/25000))/8, -$   
 $(25\pi \cos((33\pi)/80) \cos((207\pi)/10000))/8, -$   
 $(25\pi \cos((41\pi)/100) \cos((259\pi)/12500))/8, -$   
 $(25\pi \cos((163\pi)/400) \cos((1037\pi)/50000))/8, -$   
 $(25\pi \cos((81\pi)/200) \cos((519\pi)/25000))/8, -$   
 $(25\pi \cos((161\pi)/400) \cos((1039\pi)/50000))/8, - (25\pi \cos((13\pi)/625) * (5^{(1/2)}/4$   
 $- 1/4))/8, - (25\pi \cos((159\pi)/400) \cos((1041\pi)/50000))/8, -$   
 $(25\pi \cos((79\pi)/200) \cos((521\pi)/25000))/8, -$   
 $(25\pi \cos((157\pi)/400) \cos((1043\pi)/50000))/8, -$   
 $(25\pi \cos((39\pi)/100) \cos((261\pi)/12500))/8, -$

$(25\pi \cos((31\pi)/80) \cos((209\pi)/10000))/8, -$   
 $(25\pi \cos((77\pi)/200) \cos((523\pi)/25000))/8, -$   
 $(25\pi \cos((153\pi)/400) \cos((1047\pi)/50000))/8, -$   
 $(25\pi \cos((19\pi)/50) \cos((131\pi)/6250))/8, -$   
 $(25\pi \cos((151\pi)/400) \cos((1049\pi)/50000))/8, - (25\pi \cos((21\pi)/1000) * (2 -$   
 $2^{(1/2)})^{(1/2)})/16, - (25\pi \cos((149\pi)/400) \cos((1051\pi)/50000))/8, -$   
 $(25\pi \cos((37\pi)/100) \cos((263\pi)/12500))/8, -$   
 $(25\pi \cos((147\pi)/400) \cos((1053\pi)/50000))/8, -$   
 $(25\pi \cos((73\pi)/200) \cos((527\pi)/25000))/8, -$   
 $(25\pi \cos((29\pi)/80) \cos((211\pi)/10000))/8, -$   
 $(25\pi \cos((9\pi)/25) \cos((66\pi)/3125))/8, -$   
 $(25\pi \cos((143\pi)/400) \cos((1057\pi)/50000))/8, -$   
 $(25\pi \cos((71\pi)/200) \cos((529\pi)/25000))/8, -$   
 $(25\pi \cos((141\pi)/400) \cos((1059\pi)/50000))/8, -$   
 $(25\pi \cos((7\pi)/20) \cos((53\pi)/2500))/8, -$   
 $(25\pi \cos((139\pi)/400) \cos((1061\pi)/50000))/8, -$   
 $(25\pi \cos((69\pi)/200) \cos((531\pi)/25000))/8, -$   
 $(25\pi \cos((137\pi)/400) \cos((1063\pi)/50000))/8, -$   
 $(25\pi \cos((17\pi)/50) \cos((133\pi)/6250))/8, -$   
 $(25\pi \cos((27\pi)/80) \cos((213\pi)/10000))/8, -$   
 $(25\pi \cos((67\pi)/200) \cos((533\pi)/25000))/8, -$   
 $(25\pi \cos((133\pi)/400) \cos((1067\pi)/50000))/8, -$   
 $(25\pi \cos((33\pi)/100) \cos((267\pi)/12500))/8, -$   
 $(25\pi \cos((131\pi)/400) \cos((1069\pi)/50000))/8, -$   
 $(25\pi \cos((13\pi)/40) \cos((107\pi)/5000))/8, -$   
 $(25\pi \cos((129\pi)/400) \cos((1071\pi)/50000))/8, -$   
 $(25\pi \cos((8\pi)/25) \cos((67\pi)/3125))/8, -$   
 $(25\pi \cos((127\pi)/400) \cos((1073\pi)/50000))/8, -$   
 $(25\pi \cos((63\pi)/200) \cos((537\pi)/25000))/8, -$   
 $(25\pi \cos((5\pi)/16) \cos((43\pi)/2000))/8, -$   
 $(25\pi \cos((31\pi)/100) \cos((269\pi)/12500))/8, -$   
 $(25\pi \cos((123\pi)/400) \cos((1077\pi)/50000))/8, -$   
 $(25\pi \cos((61\pi)/200) \cos((539\pi)/25000))/8, -$   
 $(25\pi \cos((121\pi)/400) \cos((1079\pi)/50000))/8, - (25 * 2^{(1/2)} * \pi * \cos((27\pi)/1250) * (5$   
 $- 5^{(1/2)})^{(1/2)})/32, - (25\pi \cos((119\pi)/400) \cos((1081\pi)/50000))/8, -$   
 $(25\pi \cos((59\pi)/200) \cos((541\pi)/25000))/8, -$   
 $(25\pi \cos((117\pi)/400) \cos((1083\pi)/50000))/8, -$   
 $(25\pi \cos((29\pi)/100) \cos((271\pi)/12500))/8, -$   
 $(25\pi \cos((23\pi)/80) \cos((217\pi)/10000))/8, -$   
 $(25\pi \cos((57\pi)/200) \cos((543\pi)/25000))/8, -$   
 $(25\pi \cos((113\pi)/400) \cos((1087\pi)/50000))/8, -$   
 $(25\pi \cos((7\pi)/25) \cos((68\pi)/3125))/8, -$   
 $(25\pi \cos((111\pi)/400) \cos((1089\pi)/50000))/8, -$   
 $(25\pi \cos((11\pi)/40) \cos((109\pi)/5000))/8, -$   
 $(25\pi \cos((109\pi)/400) \cos((1091\pi)/50000))/8, -$   
 $(25\pi \cos((27\pi)/100) \cos((273\pi)/12500))/8, -$   
 $(25\pi \cos((107\pi)/400) \cos((1093\pi)/50000))/8, -$   
 $(25\pi \cos((53\pi)/200) \cos((547\pi)/25000))/8, -$   
 $(25\pi \cos((21\pi)/80) \cos((219\pi)/10000))/8, -$   
 $(25\pi \cos((13\pi)/50) \cos((137\pi)/6250))/8, -$   
 $(25\pi \cos((103\pi)/400) \cos((1097\pi)/50000))/8, -$

$(25\pi \cos((51\pi)/200) \cos((549\pi)/25000))/8, -$   
 $(25\pi \cos((101\pi)/400) \cos((1099\pi)/50000))/8, -$   
 $(25 \cdot 2^{(1/2)} \pi \cos((11\pi)/500))/16, - (25\pi \cos((99\pi)/400) \cos((1101\pi)/50000))/8,$   
 $- (25\pi \cos((49\pi)/200) \cos((551\pi)/25000))/8, -$   
 $(25\pi \cos((97\pi)/400) \cos((1103\pi)/50000))/8, -$   
 $(25\pi \cos((6\pi)/25) \cos((69\pi)/3125))/8, -$   
 $(25\pi \cos((19\pi)/80) \cos((221\pi)/10000))/8, -$   
 $(25\pi \cos((47\pi)/200) \cos((553\pi)/25000))/8, -$   
 $(25\pi \cos((93\pi)/400) \cos((1107\pi)/50000))/8, -$   
 $(25\pi \cos((23\pi)/100) \cos((277\pi)/12500))/8, -$   
 $(25\pi \cos((91\pi)/400) \cos((1109\pi)/50000))/8, -$   
 $(25\pi \cos((9\pi)/40) \cos((111\pi)/5000))/8, -$   
 $(25\pi \cos((89\pi)/400) \cos((1111\pi)/50000))/8, -$   
 $(25\pi \cos((11\pi)/50) \cos((139\pi)/6250))/8, -$   
 $(25\pi \cos((87\pi)/400) \cos((1113\pi)/50000))/8, -$   
 $(25\pi \cos((43\pi)/200) \cos((557\pi)/25000))/8, -$   
 $(25\pi \cos((17\pi)/80) \cos((223\pi)/10000))/8, -$   
 $(25\pi \cos((21\pi)/100) \cos((279\pi)/12500))/8, -$   
 $(25\pi \cos((83\pi)/400) \cos((1117\pi)/50000))/8, -$   
 $(25\pi \cos((41\pi)/200) \cos((559\pi)/25000))/8, -$   
 $(25\pi \cos((81\pi)/400) \cos((1119\pi)/50000))/8, - (25\pi \cos((14\pi)/625) \cdot (5^{(1/2)}/4 +$   
 $1/4))/8, - (25\pi \cos((79\pi)/400) \cos((1121\pi)/50000))/8, -$   
 $(25\pi \cos((39\pi)/200) \cos((561\pi)/25000))/8, -$   
 $(25\pi \cos((77\pi)/400) \cos((1123\pi)/50000))/8, -$   
 $(25\pi \cos((19\pi)/100) \cos((281\pi)/12500))/8, -$   
 $(25\pi \cos((3\pi)/16) \cos((9\pi)/400))/8, -$   
 $(25\pi \cos((37\pi)/200) \cos((563\pi)/25000))/8, -$   
 $(25\pi \cos((73\pi)/400) \cos((1127\pi)/50000))/8, -$   
 $(25\pi \cos((9\pi)/50) \cos((141\pi)/6250))/8, -$   
 $(25\pi \cos((71\pi)/400) \cos((1129\pi)/50000))/8, -$   
 $(25\pi \cos((7\pi)/40) \cos((113\pi)/5000))/8, -$   
 $(25\pi \cos((69\pi)/400) \cos((1131\pi)/50000))/8, -$   
 $(25\pi \cos((17\pi)/100) \cos((283\pi)/12500))/8, -$   
 $(25\pi \cos((67\pi)/400) \cos((1133\pi)/50000))/8, -$   
 $(25\pi \cos((33\pi)/200) \cos((567\pi)/25000))/8, -$   
 $(25\pi \cos((13\pi)/80) \cos((227\pi)/10000))/8, -$   
 $(25\pi \cos((4\pi)/25) \cos((71\pi)/3125))/8, -$   
 $(25\pi \cos((63\pi)/400) \cos((1137\pi)/50000))/8, -$   
 $(25\pi \cos((31\pi)/200) \cos((569\pi)/25000))/8, -$   
 $(25\pi \cos((61\pi)/400) \cos((1139\pi)/50000))/8, -$   
 $(25\pi \cos((3\pi)/20) \cos((57\pi)/2500))/8, -$   
 $(25\pi \cos((59\pi)/400) \cos((1141\pi)/50000))/8, -$   
 $(25\pi \cos((29\pi)/200) \cos((571\pi)/25000))/8, -$   
 $(25\pi \cos((57\pi)/400) \cos((1143\pi)/50000))/8, -$   
 $(25\pi \cos((7\pi)/50) \cos((143\pi)/6250))/8, -$   
 $(25\pi \cos((11\pi)/80) \cos((229\pi)/10000))/8, -$   
 $(25\pi \cos((27\pi)/200) \cos((573\pi)/25000))/8, -$   
 $(25\pi \cos((53\pi)/400) \cos((1147\pi)/50000))/8, -$   
 $(25\pi \cos((13\pi)/100) \cos((287\pi)/12500))/8, -$   
 $(25\pi \cos((51\pi)/400) \cos((1149\pi)/50000))/8, - (25\pi \cos((23\pi)/1000) \cdot (2^{(1/2)} +$   
 $2)^{(1/2)})/16, - (25\pi \cos((49\pi)/400) \cos((1151\pi)/50000))/8, -$

$(25\pi \cos((3\pi)/25) \cos((72\pi)/3125))/8, -$   
 $(25\pi \cos((47\pi)/400) \cos((1153\pi)/50000))/8, -$   
 $(25\pi \cos((23\pi)/200) \cos((577\pi)/25000))/8, -$   
 $(25\pi \cos((9\pi)/80) \cos((231\pi)/10000))/8, -$   
 $(25\pi \cos((11\pi)/100) \cos((289\pi)/12500))/8, -$   
 $(25\pi \cos((43\pi)/400) \cos((1157\pi)/50000))/8, -$   
 $(25\pi \cos((21\pi)/200) \cos((579\pi)/25000))/8, -$   
 $(25\pi \cos((41\pi)/400) \cos((1159\pi)/50000))/8, -$   
 $(25 \cdot 2^{(1/2)} \pi \cos((29\pi)/1250) \cdot (5^{(1/2)} + 5)^{(1/2)})/32, -$   
 $(25\pi \cos((39\pi)/400) \cos((1161\pi)/50000))/8, -$   
 $(25\pi \cos((19\pi)/200) \cos((581\pi)/25000))/8, -$   
 $(25\pi \cos((37\pi)/400) \cos((1163\pi)/50000))/8, -$   
 $(25\pi \cos((9\pi)/100) \cos((291\pi)/12500))/8, -$   
 $(25\pi \cos((7\pi)/80) \cos((233\pi)/10000))/8, -$   
 $(25\pi \cos((17\pi)/200) \cos((583\pi)/25000))/8, -$   
 $(25\pi \cos((33\pi)/400) \cos((1167\pi)/50000))/8, -$   
 $(25\pi \cos((2\pi)/25) \cos((73\pi)/3125))/8, -$   
 $(25\pi \cos((31\pi)/400) \cos((1169\pi)/50000))/8, -$   
 $(25\pi \cos((3\pi)/40) \cos((117\pi)/5000))/8, -$   
 $(25\pi \cos((29\pi)/400) \cos((1171\pi)/50000))/8, -$   
 $(25\pi \cos((7\pi)/100) \cos((293\pi)/12500))/8, -$   
 $(25\pi \cos((27\pi)/400) \cos((1173\pi)/50000))/8, -$   
 $(25\pi \cos((13\pi)/200) \cos((587\pi)/25000))/8, -$   
 $(25\pi \cos(\pi/16) \cos((47\pi)/2000))/8, - (25\pi \cos((3\pi)/50) \cos((147\pi)/6250))/8,$   
 $- (25\pi \cos((23\pi)/400) \cos((1177\pi)/50000))/8, -$   
 $(25\pi \cos((11\pi)/200) \cos((589\pi)/25000))/8, -$   
 $(25\pi \cos((21\pi)/400) \cos((1179\pi)/50000))/8, -$   
 $(25\pi \cos(\pi/20) \cos((59\pi)/2500))/8, -$   
 $(25\pi \cos((19\pi)/400) \cos((1181\pi)/50000))/8, -$   
 $(25\pi \cos((9\pi)/200) \cos((591\pi)/25000))/8, -$   
 $(25\pi \cos((17\pi)/400) \cos((1183\pi)/50000))/8, -$   
 $(25\pi \cos(\pi/25) \cos((74\pi)/3125))/8, - (25\pi \cos((3\pi)/80) \cos((237\pi)/10000))/8,$   
 $- (25\pi \cos((7\pi)/200) \cos((593\pi)/25000))/8, -$   
 $(25\pi \cos((13\pi)/400) \cos((1187\pi)/50000))/8, -$   
 $(25\pi \cos((3\pi)/100) \cos((297\pi)/12500))/8, -$   
 $(25\pi \cos((11\pi)/400) \cos((1189\pi)/50000))/8, -$   
 $(25\pi \cos(\pi/40) \cos((119\pi)/5000))/8, -$   
 $(25\pi \cos((9\pi)/400) \cos((1191\pi)/50000))/8, -$   
 $(25\pi \cos(\pi/50) \cos((149\pi)/6250))/8, -$   
 $(25\pi \cos((7\pi)/400) \cos((1193\pi)/50000))/8, -$   
 $(25\pi \cos((3\pi)/200) \cos((597\pi)/25000))/8, -$   
 $(25\pi \cos(\pi/80) \cos((239\pi)/10000))/8, - (25\pi \cos(\pi/100) \cos((299\pi)/12500))/8,$   
 $- (25\pi \cos((3\pi)/400) \cos((1197\pi)/50000))/8, -$   
 $(25\pi \cos(\pi/200) \cos((599\pi)/25000))/8, -$   
 $(25\pi \cos(\pi/400) \cos((1199\pi)/50000))/8, - (25\pi \cos((3\pi)/125))/8, -$   
 $(25\pi \cos(\pi/400) \cos((1201\pi)/50000))/8, -$   
 $(25\pi \cos(\pi/200) \cos((601\pi)/25000))/8, -$   
 $(25\pi \cos((3\pi)/400) \cos((1203\pi)/50000))/8, -$   
 $(25\pi \cos(\pi/100) \cos((301\pi)/12500))/8, - (25\pi \cos(\pi/80) \cos((241\pi)/10000))/8,$   
 $- (25\pi \cos((3\pi)/200) \cos((603\pi)/25000))/8, -$   
 $(25\pi \cos((7\pi)/400) \cos((1207\pi)/50000))/8, -$

$(25\pi \cos(\pi/50) \cos((151\pi)/6250))/8, -$   
 $(25\pi \cos((9\pi)/400) \cos((1209\pi)/50000))/8, -$   
 $(25\pi \cos(\pi/40) \cos((121\pi)/5000))/8, -$   
 $(25\pi \cos((11\pi)/400) \cos((1211\pi)/50000))/8, -$   
 $(25\pi \cos((3\pi)/100) \cos((303\pi)/12500))/8, -$   
 $(25\pi \cos((13\pi)/400) \cos((1213\pi)/50000))/8, -$   
 $(25\pi \cos((7\pi)/200) \cos((607\pi)/25000))/8, -$   
 $(25\pi \cos((3\pi)/80) \cos((243\pi)/10000))/8, - (25\pi \cos(\pi/25) \cos((76\pi)/3125))/8,$   
 $- (25\pi \cos((17\pi)/400) \cos((1217\pi)/50000))/8, -$   
 $(25\pi \cos((9\pi)/200) \cos((609\pi)/25000))/8, -$   
 $(25\pi \cos((19\pi)/400) \cos((1219\pi)/50000))/8, -$   
 $(25\pi \cos(\pi/20) \cos((61\pi)/2500))/8, -$   
 $(25\pi \cos((21\pi)/400) \cos((1221\pi)/50000))/8, -$   
 $(25\pi \cos((11\pi)/200) \cos((611\pi)/25000))/8, -$   
 $(25\pi \cos((23\pi)/400) \cos((1223\pi)/50000))/8, -$   
 $(25\pi \cos((3\pi)/50) \cos((153\pi)/6250))/8, - (25\pi \cos(\pi/16) \cos((49\pi)/2000))/8,$   
 $- (25\pi \cos((13\pi)/200) \cos((613\pi)/25000))/8, -$   
 $(25\pi \cos((27\pi)/400) \cos((1227\pi)/50000))/8, -$   
 $(25\pi \cos((7\pi)/100) \cos((307\pi)/12500))/8, -$   
 $(25\pi \cos((29\pi)/400) \cos((1229\pi)/50000))/8, -$   
 $(25\pi \cos((3\pi)/40) \cos((123\pi)/5000))/8, -$   
 $(25\pi \cos((31\pi)/400) \cos((1231\pi)/50000))/8, -$   
 $(25\pi \cos((2\pi)/25) \cos((77\pi)/3125))/8, -$   
 $(25\pi \cos((33\pi)/400) \cos((1233\pi)/50000))/8, -$   
 $(25\pi \cos((17\pi)/200) \cos((617\pi)/25000))/8, -$   
 $(25\pi \cos((7\pi)/80) \cos((247\pi)/10000))/8, -$   
 $(25\pi \cos((9\pi)/100) \cos((309\pi)/12500))/8, -$   
 $(25\pi \cos((37\pi)/400) \cos((1237\pi)/50000))/8, -$   
 $(25\pi \cos((19\pi)/200) \cos((619\pi)/25000))/8, -$   
 $(25\pi \cos((39\pi)/400) \cos((1239\pi)/50000))/8, -$   
 $(25 \cdot 2^{(1/2)} \pi \cos((31\pi)/1250) \cdot (5^{(1/2)} + 5^{(1/2)}))/32, -$   
 $(25\pi \cos((41\pi)/400) \cos((1241\pi)/50000))/8, -$   
 $(25\pi \cos((21\pi)/200) \cos((621\pi)/25000))/8, -$   
 $(25\pi \cos((43\pi)/400) \cos((1243\pi)/50000))/8, -$   
 $(25\pi \cos((11\pi)/100) \cos((311\pi)/12500))/8, -$   
 $(25\pi \cos((9\pi)/80) \cos((249\pi)/10000))/8, -$   
 $(25\pi \cos((23\pi)/200) \cos((623\pi)/25000))/8, -$   
 $(25\pi \cos((47\pi)/400) \cos((1247\pi)/50000))/8, -$   
 $(25\pi \cos((3\pi)/25) \cos((78\pi)/3125))/8, -$   
 $(25\pi \cos((49\pi)/400) \cos((1249\pi)/50000))/8, - (25\pi \cos(\pi/40) \cdot (2^{(1/2)} +$   
 $2)^{(1/2)})/16, - (25\pi \cos((51\pi)/400) \cos((1251\pi)/50000))/8, -$   
 $(25\pi \cos((13\pi)/100) \cos((313\pi)/12500))/8, -$   
 $(25\pi \cos((53\pi)/400) \cos((1253\pi)/50000))/8, -$   
 $(25\pi \cos((27\pi)/200) \cos((627\pi)/25000))/8, -$   
 $(25\pi \cos((11\pi)/80) \cos((251\pi)/10000))/8, -$   
 $(25\pi \cos((7\pi)/50) \cos((157\pi)/6250))/8, -$   
 $(25\pi \cos((57\pi)/400) \cos((1257\pi)/50000))/8, -$   
 $(25\pi \cos((29\pi)/200) \cos((629\pi)/25000))/8, -$   
 $(25\pi \cos((59\pi)/400) \cos((1259\pi)/50000))/8, -$   
 $(25\pi \cos((3\pi)/20) \cos((63\pi)/2500))/8, -$   
 $(25\pi \cos((61\pi)/400) \cos((1261\pi)/50000))/8, -$

$(25\pi \cos((31\pi)/200) \cos((631\pi)/25000))/8, -$   
 $(25\pi \cos((63\pi)/400) \cos((1263\pi)/50000))/8, -$   
 $(25\pi \cos((4\pi)/25) \cos((79\pi)/3125))/8, -$   
 $(25\pi \cos((13\pi)/80) \cos((253\pi)/10000))/8, -$   
 $(25\pi \cos((33\pi)/200) \cos((633\pi)/25000))/8, -$   
 $(25\pi \cos((67\pi)/400) \cos((1267\pi)/50000))/8, -$   
 $(25\pi \cos((17\pi)/100) \cos((317\pi)/12500))/8, -$   
 $(25\pi \cos((69\pi)/400) \cos((1269\pi)/50000))/8, -$   
 $(25\pi \cos((7\pi)/40) \cos((127\pi)/5000))/8, -$   
 $(25\pi \cos((71\pi)/400) \cos((1271\pi)/50000))/8, -$   
 $(25\pi \cos((9\pi)/50) \cos((159\pi)/6250))/8, -$   
 $(25\pi \cos((73\pi)/400) \cos((1273\pi)/50000))/8, -$   
 $(25\pi \cos((37\pi)/200) \cos((637\pi)/25000))/8, -$   
 $(25\pi \cos((3\pi)/16) \cos((51\pi)/2000))/8, -$   
 $(25\pi \cos((19\pi)/100) \cos((319\pi)/12500))/8, -$   
 $(25\pi \cos((77\pi)/400) \cos((1277\pi)/50000))/8, -$   
 $(25\pi \cos((39\pi)/200) \cos((639\pi)/25000))/8, -$   
 $(25\pi \cos((79\pi)/400) \cos((1279\pi)/50000))/8, - (25\pi \cos((16\pi)/625) * (5^{1/2})/4 +$   
 $1/4))/8, - (25\pi \cos((81\pi)/400) \cos((1281\pi)/50000))/8, -$   
 $(25\pi \cos((41\pi)/200) \cos((641\pi)/25000))/8, -$   
 $(25\pi \cos((83\pi)/400) \cos((1283\pi)/50000))/8, -$   
 $(25\pi \cos((21\pi)/100) \cos((321\pi)/12500))/8, -$   
 $(25\pi \cos((17\pi)/80) \cos((257\pi)/10000))/8, -$   
 $(25\pi \cos((43\pi)/200) \cos((643\pi)/25000))/8, -$   
 $(25\pi \cos((87\pi)/400) \cos((1287\pi)/50000))/8, -$   
 $(25\pi \cos((11\pi)/50) \cos((161\pi)/6250))/8, -$   
 $(25\pi \cos((89\pi)/400) \cos((1289\pi)/50000))/8, -$   
 $(25\pi \cos((9\pi)/40) \cos((129\pi)/5000))/8, -$   
 $(25\pi \cos((91\pi)/400) \cos((1291\pi)/50000))/8, -$   
 $(25\pi \cos((23\pi)/100) \cos((323\pi)/12500))/8, -$   
 $(25\pi \cos((93\pi)/400) \cos((1293\pi)/50000))/8, -$   
 $(25\pi \cos((47\pi)/200) \cos((647\pi)/25000))/8, -$   
 $(25\pi \cos((19\pi)/80) \cos((259\pi)/10000))/8, -$   
 $(25\pi \cos((6\pi)/25) \cos((81\pi)/3125))/8, -$   
 $(25\pi \cos((97\pi)/400) \cos((1297\pi)/50000))/8, -$   
 $(25\pi \cos((49\pi)/200) \cos((649\pi)/25000))/8, -$   
 $(25\pi \cos((99\pi)/400) \cos((1299\pi)/50000))/8, - (25 * 2^{1/2} * \pi \cos((13\pi)/500))/16,$   
 $-(25\pi \cos((101\pi)/400) \cos((1301\pi)/50000))/8, -$   
 $(25\pi \cos((51\pi)/200) \cos((651\pi)/25000))/8, -$   
 $(25\pi \cos((103\pi)/400) \cos((1303\pi)/50000))/8, -$   
 $(25\pi \cos((13\pi)/50) \cos((163\pi)/6250))/8, -$   
 $(25\pi \cos((21\pi)/80) \cos((261\pi)/10000))/8, -$   
 $(25\pi \cos((53\pi)/200) \cos((653\pi)/25000))/8, -$   
 $(25\pi \cos((107\pi)/400) \cos((1307\pi)/50000))/8, -$   
 $(25\pi \cos((27\pi)/100) \cos((327\pi)/12500))/8, -$   
 $(25\pi \cos((109\pi)/400) \cos((1309\pi)/50000))/8, -$   
 $(25\pi \cos((11\pi)/40) \cos((131\pi)/5000))/8, -$   
 $(25\pi \cos((111\pi)/400) \cos((1311\pi)/50000))/8, -$   
 $(25\pi \cos((7\pi)/25) \cos((82\pi)/3125))/8, -$   
 $(25\pi \cos((113\pi)/400) \cos((1313\pi)/50000))/8, -$   
 $(25\pi \cos((57\pi)/200) \cos((657\pi)/25000))/8, -$

$(25\pi \cos((23\pi)/80) \cos((263\pi)/10000))/8, -$   
 $(25\pi \cos((29\pi)/100) \cos((329\pi)/12500))/8, -$   
 $(25\pi \cos((117\pi)/400) \cos((1317\pi)/50000))/8, -$   
 $(25\pi \cos((59\pi)/200) \cos((659\pi)/25000))/8, -$   
 $(25\pi \cos((119\pi)/400) \cos((1319\pi)/50000))/8, - (25 \cdot 2^{(1/2)} \pi \cos((33\pi)/1250) \cdot (5$   
 $- 5^{(1/2)})^{(1/2)})/32, - (25\pi \cos((121\pi)/400) \cos((1321\pi)/50000))/8, -$   
 $(25\pi \cos((61\pi)/200) \cos((661\pi)/25000))/8, -$   
 $(25\pi \cos((123\pi)/400) \cos((1323\pi)/50000))/8, -$   
 $(25\pi \cos((31\pi)/100) \cos((331\pi)/12500))/8, -$   
 $(25\pi \cos((5\pi)/16) \cos((53\pi)/2000))/8, -$   
 $(25\pi \cos((63\pi)/200) \cos((663\pi)/25000))/8, -$   
 $(25\pi \cos((127\pi)/400) \cos((1327\pi)/50000))/8, -$   
 $(25\pi \cos((8\pi)/25) \cos((83\pi)/3125))/8, -$   
 $(25\pi \cos((129\pi)/400) \cos((1329\pi)/50000))/8, -$   
 $(25\pi \cos((13\pi)/40) \cos((133\pi)/5000))/8, -$   
 $(25\pi \cos((131\pi)/400) \cos((1331\pi)/50000))/8, -$   
 $(25\pi \cos((33\pi)/100) \cos((333\pi)/12500))/8, -$   
 $(25\pi \cos((133\pi)/400) \cos((1333\pi)/50000))/8, -$   
 $(25\pi \cos((67\pi)/200) \cos((667\pi)/25000))/8, -$   
 $(25\pi \cos((27\pi)/80) \cos((267\pi)/10000))/8, -$   
 $(25\pi \cos((17\pi)/50) \cos((167\pi)/6250))/8, -$   
 $(25\pi \cos((137\pi)/400) \cos((1337\pi)/50000))/8, -$   
 $(25\pi \cos((69\pi)/200) \cos((669\pi)/25000))/8, -$   
 $(25\pi \cos((139\pi)/400) \cos((1339\pi)/50000))/8, -$   
 $(25\pi \cos((7\pi)/20) \cos((67\pi)/2500))/8, -$   
 $(25\pi \cos((141\pi)/400) \cos((1341\pi)/50000))/8, -$   
 $(25\pi \cos((71\pi)/200) \cos((671\pi)/25000))/8, -$   
 $(25\pi \cos((143\pi)/400) \cos((1343\pi)/50000))/8, -$   
 $(25\pi \cos((9\pi)/25) \cos((84\pi)/3125))/8, -$   
 $(25\pi \cos((29\pi)/80) \cos((269\pi)/10000))/8, -$   
 $(25\pi \cos((73\pi)/200) \cos((673\pi)/25000))/8, -$   
 $(25\pi \cos((147\pi)/400) \cos((1347\pi)/50000))/8, -$   
 $(25\pi \cos((37\pi)/100) \cos((337\pi)/12500))/8, -$   
 $(25\pi \cos((149\pi)/400) \cos((1349\pi)/50000))/8, - (25\pi \cos((27\pi)/1000) \cdot (2 -$   
 $2^{(1/2)})^{(1/2)})/16, - (25\pi \cos((151\pi)/400) \cos((1351\pi)/50000))/8, -$   
 $(25\pi \cos((19\pi)/50) \cos((169\pi)/6250))/8, -$   
 $(25\pi \cos((153\pi)/400) \cos((1353\pi)/50000))/8, -$   
 $(25\pi \cos((77\pi)/200) \cos((677\pi)/25000))/8, -$   
 $(25\pi \cos((31\pi)/80) \cos((271\pi)/10000))/8, -$   
 $(25\pi \cos((39\pi)/100) \cos((339\pi)/12500))/8, -$   
 $(25\pi \cos((157\pi)/400) \cos((1357\pi)/50000))/8, -$   
 $(25\pi \cos((79\pi)/200) \cos((679\pi)/25000))/8, -$   
 $(25\pi \cos((159\pi)/400) \cos((1359\pi)/50000))/8, - (25\pi \cos((17\pi)/625) \cdot (5^{(1/2)}/4$   
 $- 1/4))/8, - (25\pi \cos((161\pi)/400) \cos((1361\pi)/50000))/8, -$   
 $(25\pi \cos((81\pi)/200) \cos((681\pi)/25000))/8, -$   
 $(25\pi \cos((163\pi)/400) \cos((1363\pi)/50000))/8, -$   
 $(25\pi \cos((41\pi)/100) \cos((341\pi)/12500))/8, -$   
 $(25\pi \cos((33\pi)/80) \cos((273\pi)/10000))/8, -$   
 $(25\pi \cos((83\pi)/200) \cos((683\pi)/25000))/8, -$   
 $(25\pi \cos((167\pi)/400) \cos((1367\pi)/50000))/8, -$   
 $(25\pi \cos((21\pi)/50) \cos((171\pi)/6250))/8, -$

$(25\pi \cos((169\pi)/400) \cos((1369\pi)/50000))/8, -$   
 $(25\pi \cos((17\pi)/40) \cos((137\pi)/5000))/8, -$   
 $(25\pi \cos((171\pi)/400) \cos((1371\pi)/50000))/8, -$   
 $(25\pi \cos((43\pi)/100) \cos((343\pi)/12500))/8, -$   
 $(25\pi \cos((173\pi)/400) \cos((1373\pi)/50000))/8, -$   
 $(25\pi \cos((87\pi)/200) \cos((687\pi)/25000))/8, -$   
 $(25\pi \cos((7\pi)/16) \cos((11\pi)/400))/8, -$   
 $(25\pi \cos((11\pi)/25) \cos((86\pi)/3125))/8, -$   
 $(25\pi \cos((177\pi)/400) \cos((1377\pi)/50000))/8, -$   
 $(25\pi \cos((89\pi)/200) \cos((689\pi)/25000))/8, -$   
 $(25\pi \cos((179\pi)/400) \cos((1379\pi)/50000))/8, -$   
 $(25\pi \cos((9\pi)/20) \cos((69\pi)/2500))/8, -$   
 $(25\pi \cos((181\pi)/400) \cos((1381\pi)/50000))/8, -$   
 $(25\pi \cos((91\pi)/200) \cos((691\pi)/25000))/8, -$   
 $(25\pi \cos((183\pi)/400) \cos((1383\pi)/50000))/8, -$   
 $(25\pi \cos((23\pi)/50) \cos((173\pi)/6250))/8, -$   
 $(25\pi \cos((37\pi)/80) \cos((277\pi)/10000))/8, -$   
 $(25\pi \cos((93\pi)/200) \cos((693\pi)/25000))/8, -$   
 $(25\pi \cos((187\pi)/400) \cos((1387\pi)/50000))/8, -$   
 $(25\pi \cos((47\pi)/100) \cos((347\pi)/12500))/8, -$   
 $(25\pi \cos((189\pi)/400) \cos((1389\pi)/50000))/8, -$   
 $(25\pi \cos((19\pi)/40) \cos((139\pi)/5000))/8, -$   
 $(25\pi \cos((191\pi)/400) \cos((1391\pi)/50000))/8, -$   
 $(25\pi \cos((12\pi)/25) \cos((87\pi)/3125))/8, -$   
 $(25\pi \cos((193\pi)/400) \cos((1393\pi)/50000))/8, -$   
 $(25\pi \cos((97\pi)/200) \cos((697\pi)/25000))/8, -$   
 $(25\pi \cos((39\pi)/80) \cos((279\pi)/10000))/8, -$   
 $(25\pi \cos((49\pi)/100) \cos((349\pi)/12500))/8, -$   
 $(25\pi \cos((197\pi)/400) \cos((1397\pi)/50000))/8, -$   
 $(25\pi \cos((99\pi)/200) \cos((699\pi)/25000))/8, -$   
 $(25\pi \cos((199\pi)/400) \cos((1399\pi)/50000))/8, 0,$   
 $(25\pi \cos((199\pi)/400) \cos((1401\pi)/50000))/8,$   
 $(25\pi \cos((99\pi)/200) \cos((701\pi)/25000))/8,$   
 $(25\pi \cos((197\pi)/400) \cos((1403\pi)/50000))/8,$   
 $(25\pi \cos((49\pi)/100) \cos((351\pi)/12500))/8,$   
 $(25\pi \cos((39\pi)/80) \cos((281\pi)/10000))/8,$   
 $(25\pi \cos((97\pi)/200) \cos((703\pi)/25000))/8,$   
 $(25\pi \cos((193\pi)/400) \cos((1407\pi)/50000))/8,$   
 $(25\pi \cos((12\pi)/25) \cos((88\pi)/3125))/8,$   
 $(25\pi \cos((191\pi)/400) \cos((1409\pi)/50000))/8,$   
 $(25\pi \cos((19\pi)/40) \cos((141\pi)/5000))/8,$   
 $(25\pi \cos((189\pi)/400) \cos((1411\pi)/50000))/8,$   
 $(25\pi \cos((47\pi)/100) \cos((353\pi)/12500))/8,$   
 $(25\pi \cos((187\pi)/400) \cos((1413\pi)/50000))/8,$   
 $(25\pi \cos((93\pi)/200) \cos((707\pi)/25000))/8,$   
 $(25\pi \cos((37\pi)/80) \cos((283\pi)/10000))/8,$   
 $(25\pi \cos((23\pi)/50) \cos((177\pi)/6250))/8,$   
 $(25\pi \cos((183\pi)/400) \cos((1417\pi)/50000))/8,$   
 $(25\pi \cos((91\pi)/200) \cos((709\pi)/25000))/8,$   
 $(25\pi \cos((181\pi)/400) \cos((1419\pi)/50000))/8,$   
 $(25\pi \cos((9\pi)/20) \cos((71\pi)/2500))/8,$



$(25\pi \cos((179\pi)/400) \cos((1421\pi)/50000))/8,$   
 $(25\pi \cos((89\pi)/200) \cos((711\pi)/25000))/8,$   
 $(25\pi \cos((177\pi)/400) \cos((1423\pi)/50000))/8,$   
 $(25\pi \cos((11\pi)/25) \cos((89\pi)/3125))/8,$   
 $(25\pi \cos((7\pi)/16) \cos((57\pi)/2000))/8,$   
 $(25\pi \cos((87\pi)/200) \cos((713\pi)/25000))/8,$   
 $(25\pi \cos((173\pi)/400) \cos((1427\pi)/50000))/8,$   
 $(25\pi \cos((43\pi)/100) \cos((357\pi)/12500))/8,$   
 $(25\pi \cos((171\pi)/400) \cos((1429\pi)/50000))/8,$   
 $(25\pi \cos((17\pi)/40) \cos((143\pi)/5000))/8,$   
 $(25\pi \cos((169\pi)/400) \cos((1431\pi)/50000))/8,$   
 $(25\pi \cos((21\pi)/50) \cos((179\pi)/6250))/8,$   
 $(25\pi \cos((167\pi)/400) \cos((1433\pi)/50000))/8,$   
 $(25\pi \cos((83\pi)/200) \cos((717\pi)/25000))/8,$   
 $(25\pi \cos((33\pi)/80) \cos((287\pi)/10000))/8,$   
 $(25\pi \cos((41\pi)/100) \cos((359\pi)/12500))/8,$   
 $(25\pi \cos((163\pi)/400) \cos((1437\pi)/50000))/8,$   
 $(25\pi \cos((81\pi)/200) \cos((719\pi)/25000))/8,$   
 $(25\pi \cos((161\pi)/400) \cos((1439\pi)/50000))/8, (25\pi \cos((18\pi)/625) * (5^{1/2})/4 -$   
 $1/4))/8, (25\pi \cos((159\pi)/400) \cos((1441\pi)/50000))/8,$   
 $(25\pi \cos((79\pi)/200) \cos((721\pi)/25000))/8,$   
 $(25\pi \cos((157\pi)/400) \cos((1443\pi)/50000))/8,$   
 $(25\pi \cos((39\pi)/100) \cos((361\pi)/12500))/8,$   
 $(25\pi \cos((31\pi)/80) \cos((289\pi)/10000))/8,$   
 $(25\pi \cos((77\pi)/200) \cos((723\pi)/25000))/8,$   
 $(25\pi \cos((153\pi)/400) \cos((1447\pi)/50000))/8,$   
 $(25\pi \cos((19\pi)/50) \cos((181\pi)/6250))/8,$   
 $(25\pi \cos((151\pi)/400) \cos((1449\pi)/50000))/8, (25\pi \cos((29\pi)/1000) * (2 -$   
 $2^{1/2})^{1/2})/16, (25\pi \cos((149\pi)/400) \cos((1451\pi)/50000))/8,$   
 $(25\pi \cos((37\pi)/100) \cos((363\pi)/12500))/8,$   
 $(25\pi \cos((147\pi)/400) \cos((1453\pi)/50000))/8,$   
 $(25\pi \cos((73\pi)/200) \cos((727\pi)/25000))/8,$   
 $(25\pi \cos((29\pi)/80) \cos((291\pi)/10000))/8,$   
 $(25\pi \cos((9\pi)/25) \cos((91\pi)/3125))/8,$   
 $(25\pi \cos((143\pi)/400) \cos((1457\pi)/50000))/8,$   
 $(25\pi \cos((71\pi)/200) \cos((729\pi)/25000))/8,$   
 $(25\pi \cos((141\pi)/400) \cos((1459\pi)/50000))/8,$   
 $(25\pi \cos((7\pi)/20) \cos((73\pi)/2500))/8,$   
 $(25\pi \cos((139\pi)/400) \cos((1461\pi)/50000))/8,$   
 $(25\pi \cos((69\pi)/200) \cos((731\pi)/25000))/8,$   
 $(25\pi \cos((137\pi)/400) \cos((1463\pi)/50000))/8,$   
 $(25\pi \cos((17\pi)/50) \cos((183\pi)/6250))/8,$   
 $(25\pi \cos((27\pi)/80) \cos((293\pi)/10000))/8,$   
 $(25\pi \cos((67\pi)/200) \cos((733\pi)/25000))/8,$   
 $(25\pi \cos((133\pi)/400) \cos((1467\pi)/50000))/8,$   
 $(25\pi \cos((33\pi)/100) \cos((367\pi)/12500))/8,$   
 $(25\pi \cos((131\pi)/400) \cos((1469\pi)/50000))/8,$   
 $(25\pi \cos((13\pi)/40) \cos((147\pi)/5000))/8,$   
 $(25\pi \cos((129\pi)/400) \cos((1471\pi)/50000))/8,$   
 $(25\pi \cos((8\pi)/25) \cos((92\pi)/3125))/8,$   
 $(25\pi \cos((127\pi)/400) \cos((1473\pi)/50000))/8,$

$(25\pi \cos((63\pi)/200) \cos((737\pi)/25000))/8,$   
 $(25\pi \cos((5\pi)/16) \cos((59\pi)/2000))/8,$   
 $(25\pi \cos((31\pi)/100) \cos((369\pi)/12500))/8,$   
 $(25\pi \cos((123\pi)/400) \cos((1477\pi)/50000))/8,$   
 $(25\pi \cos((61\pi)/200) \cos((739\pi)/25000))/8,$   
 $(25\pi \cos((121\pi)/400) \cos((1479\pi)/50000))/8, (25 \cdot 2^{(1/2)} \pi \cos((37\pi)/1250) \cdot (5 - 5^{(1/2)})^{(1/2)})/32, (25\pi \cos((119\pi)/400) \cos((1481\pi)/50000))/8,$   
 $(25\pi \cos((59\pi)/200) \cos((741\pi)/25000))/8,$   
 $(25\pi \cos((117\pi)/400) \cos((1483\pi)/50000))/8,$   
 $(25\pi \cos((29\pi)/100) \cos((371\pi)/12500))/8,$   
 $(25\pi \cos((23\pi)/80) \cos((297\pi)/10000))/8,$   
 $(25\pi \cos((57\pi)/200) \cos((743\pi)/25000))/8,$   
 $(25\pi \cos((113\pi)/400) \cos((1487\pi)/50000))/8,$   
 $(25\pi \cos((7\pi)/25) \cos((93\pi)/3125))/8,$   
 $(25\pi \cos((111\pi)/400) \cos((1489\pi)/50000))/8,$   
 $(25\pi \cos((11\pi)/40) \cos((149\pi)/5000))/8,$   
 $(25\pi \cos((109\pi)/400) \cos((1491\pi)/50000))/8,$   
 $(25\pi \cos((27\pi)/100) \cos((373\pi)/12500))/8,$   
 $(25\pi \cos((107\pi)/400) \cos((1493\pi)/50000))/8,$   
 $(25\pi \cos((53\pi)/200) \cos((747\pi)/25000))/8,$   
 $(25\pi \cos((21\pi)/80) \cos((299\pi)/10000))/8,$   
 $(25\pi \cos((13\pi)/50) \cos((187\pi)/6250))/8,$   
 $(25\pi \cos((103\pi)/400) \cos((1497\pi)/50000))/8,$   
 $(25\pi \cos((51\pi)/200) \cos((749\pi)/25000))/8,$   
 $(25\pi \cos((101\pi)/400) \cos((1499\pi)/50000))/8, (25 \cdot 2^{(1/2)} \pi \cos((3\pi)/100))/16,$   
 $(25\pi \cos((99\pi)/400) \cos((1501\pi)/50000))/8,$   
 $(25\pi \cos((49\pi)/200) \cos((751\pi)/25000))/8,$   
 $(25\pi \cos((97\pi)/400) \cos((1503\pi)/50000))/8,$   
 $(25\pi \cos((6\pi)/25) \cos((94\pi)/3125))/8,$   
 $(25\pi \cos((19\pi)/80) \cos((301\pi)/10000))/8,$   
 $(25\pi \cos((47\pi)/200) \cos((753\pi)/25000))/8,$   
 $(25\pi \cos((93\pi)/400) \cos((1507\pi)/50000))/8,$   
 $(25\pi \cos((23\pi)/100) \cos((377\pi)/12500))/8,$   
 $(25\pi \cos((91\pi)/400) \cos((1509\pi)/50000))/8,$   
 $(25\pi \cos((9\pi)/40) \cos((151\pi)/5000))/8,$   
 $(25\pi \cos((89\pi)/400) \cos((1511\pi)/50000))/8,$   
 $(25\pi \cos((11\pi)/50) \cos((189\pi)/6250))/8,$   
 $(25\pi \cos((87\pi)/400) \cos((1513\pi)/50000))/8,$   
 $(25\pi \cos((43\pi)/200) \cos((757\pi)/25000))/8,$   
 $(25\pi \cos((17\pi)/80) \cos((303\pi)/10000))/8,$   
 $(25\pi \cos((21\pi)/100) \cos((379\pi)/12500))/8,$   
 $(25\pi \cos((83\pi)/400) \cos((1517\pi)/50000))/8,$   
 $(25\pi \cos((41\pi)/200) \cos((759\pi)/25000))/8,$   
 $(25\pi \cos((81\pi)/400) \cos((1519\pi)/50000))/8, (25\pi \cos((19\pi)/625) \cdot (5^{(1/2)}/4 + 1/4))/8, (25\pi \cos((79\pi)/400) \cos((1521\pi)/50000))/8,$   
 $(25\pi \cos((39\pi)/200) \cos((761\pi)/25000))/8,$   
 $(25\pi \cos((77\pi)/400) \cos((1523\pi)/50000))/8,$   
 $(25\pi \cos((19\pi)/100) \cos((381\pi)/12500))/8,$   
 $(25\pi \cos((3\pi)/16) \cos((61\pi)/2000))/8,$   
 $(25\pi \cos((37\pi)/200) \cos((763\pi)/25000))/8,$   
 $(25\pi \cos((73\pi)/400) \cos((1527\pi)/50000))/8,$

$(25\pi \cos((9\pi)/50) \cos((191\pi)/6250))/8,$   
 $(25\pi \cos((71\pi)/400) \cos((1529\pi)/50000))/8,$   
 $(25\pi \cos((7\pi)/40) \cos((153\pi)/5000))/8,$   
 $(25\pi \cos((69\pi)/400) \cos((1531\pi)/50000))/8,$   
 $(25\pi \cos((17\pi)/100) \cos((383\pi)/12500))/8,$   
 $(25\pi \cos((67\pi)/400) \cos((1533\pi)/50000))/8,$   
 $(25\pi \cos((33\pi)/200) \cos((767\pi)/25000))/8,$   
 $(25\pi \cos((13\pi)/80) \cos((307\pi)/10000))/8,$   
 $(25\pi \cos((4\pi)/25) \cos((96\pi)/3125))/8,$   
 $(25\pi \cos((63\pi)/400) \cos((1537\pi)/50000))/8,$   
 $(25\pi \cos((31\pi)/200) \cos((769\pi)/25000))/8,$   
 $(25\pi \cos((61\pi)/400) \cos((1539\pi)/50000))/8,$   
 $(25\pi \cos((3\pi)/20) \cos((77\pi)/2500))/8,$   
 $(25\pi \cos((59\pi)/400) \cos((1541\pi)/50000))/8,$   
 $(25\pi \cos((29\pi)/200) \cos((771\pi)/25000))/8,$   
 $(25\pi \cos((57\pi)/400) \cos((1543\pi)/50000))/8,$   
 $(25\pi \cos((7\pi)/50) \cos((193\pi)/6250))/8,$   
 $(25\pi \cos((11\pi)/80) \cos((309\pi)/10000))/8,$   
 $(25\pi \cos((27\pi)/200) \cos((773\pi)/25000))/8,$   
 $(25\pi \cos((53\pi)/400) \cos((1547\pi)/50000))/8,$   
 $(25\pi \cos((13\pi)/100) \cos((387\pi)/12500))/8,$   
 $(25\pi \cos((51\pi)/400) \cos((1549\pi)/50000))/8, (25\pi \cos((31\pi)/1000) * (2^{(1/2)} + 2)^{(1/2)})/16, (25\pi \cos((49\pi)/400) \cos((1551\pi)/50000))/8,$   
 $(25\pi \cos((3\pi)/25) \cos((97\pi)/3125))/8,$   
 $(25\pi \cos((47\pi)/400) \cos((1553\pi)/50000))/8,$   
 $(25\pi \cos((23\pi)/200) \cos((777\pi)/25000))/8,$   
 $(25\pi \cos((9\pi)/80) \cos((311\pi)/10000))/8,$   
 $(25\pi \cos((11\pi)/100) \cos((389\pi)/12500))/8,$   
 $(25\pi \cos((43\pi)/400) \cos((1557\pi)/50000))/8,$   
 $(25\pi \cos((21\pi)/200) \cos((779\pi)/25000))/8,$   
 $(25\pi \cos((41\pi)/400) \cos((1559\pi)/50000))/8,$   
 $(25 * 2^{(1/2)} * \pi \cos((39\pi)/1250) * (5^{(1/2)} + 5)^{(1/2)})/32,$   
 $(25\pi \cos((39\pi)/400) \cos((1561\pi)/50000))/8,$   
 $(25\pi \cos((19\pi)/200) \cos((781\pi)/25000))/8,$   
 $(25\pi \cos((37\pi)/400) \cos((1563\pi)/50000))/8,$   
 $(25\pi \cos((9\pi)/100) \cos((391\pi)/12500))/8,$   
 $(25\pi \cos((7\pi)/80) \cos((313\pi)/10000))/8,$   
 $(25\pi \cos((17\pi)/200) \cos((783\pi)/25000))/8,$   
 $(25\pi \cos((33\pi)/400) \cos((1567\pi)/50000))/8,$   
 $(25\pi \cos((2\pi)/25) \cos((98\pi)/3125))/8,$   
 $(25\pi \cos((31\pi)/400) \cos((1569\pi)/50000))/8,$   
 $(25\pi \cos((3\pi)/40) \cos((157\pi)/5000))/8,$   
 $(25\pi \cos((29\pi)/400) \cos((1571\pi)/50000))/8,$   
 $(25\pi \cos((7\pi)/100) \cos((393\pi)/12500))/8,$   
 $(25\pi \cos((27\pi)/400) \cos((1573\pi)/50000))/8,$   
 $(25\pi \cos((13\pi)/200) \cos((787\pi)/25000))/8,$   
 $(25\pi \cos(\pi/16) \cos((63\pi)/2000))/8, (25\pi \cos((3\pi)/50) \cos((197\pi)/6250))/8,$   
 $(25\pi \cos((23\pi)/400) \cos((1577\pi)/50000))/8,$   
 $(25\pi \cos((11\pi)/200) \cos((789\pi)/25000))/8,$   
 $(25\pi \cos((21\pi)/400) \cos((1579\pi)/50000))/8,$   
 $(25\pi \cos(\pi/20) \cos((79\pi)/2500))/8,$

$(25\pi \cos((19\pi)/400) \cos((1581\pi)/50000))/8,$   
 $(25\pi \cos((9\pi)/200) \cos((791\pi)/25000))/8,$   
 $(25\pi \cos((17\pi)/400) \cos((1583\pi)/50000))/8,$   
 $(25\pi \cos(\pi/25) \cos((99\pi)/3125))/8, (25\pi \cos((3\pi)/80) \cos((317\pi)/10000))/8,$   
 $(25\pi \cos((7\pi)/200) \cos((793\pi)/25000))/8,$   
 $(25\pi \cos((13\pi)/400) \cos((1587\pi)/50000))/8,$   
 $(25\pi \cos((3\pi)/100) \cos((397\pi)/12500))/8,$   
 $(25\pi \cos((11\pi)/400) \cos((1589\pi)/50000))/8,$   
 $(25\pi \cos(\pi/40) \cos((159\pi)/5000))/8,$   
 $(25\pi \cos((9\pi)/400) \cos((1591\pi)/50000))/8,$   
 $(25\pi \cos(\pi/50) \cos((199\pi)/6250))/8,$   
 $(25\pi \cos((7\pi)/400) \cos((1593\pi)/50000))/8,$   
 $(25\pi \cos((3\pi)/200) \cos((797\pi)/25000))/8,$   
 $(25\pi \cos(\pi/80) \cos((319\pi)/10000))/8, (25\pi \cos(\pi/100) \cos((399\pi)/12500))/8,$   
 $(25\pi \cos((3\pi)/400) \cos((1597\pi)/50000))/8,$   
 $(25\pi \cos(\pi/200) \cos((799\pi)/25000))/8, (25\pi \cos(\pi/400) \cos((1599\pi)/50000))/8,$   
 $(25\pi \cos((4\pi)/125))/8, (25\pi \cos(\pi/400) \cos((1601\pi)/50000))/8,$   
 $(25\pi \cos(\pi/200) \cos((801\pi)/25000))/8,$   
 $(25\pi \cos((3\pi)/400) \cos((1603\pi)/50000))/8,$   
 $(25\pi \cos(\pi/100) \cos((401\pi)/12500))/8, (25\pi \cos(\pi/80) \cos((321\pi)/10000))/8,$   
 $(25\pi \cos((3\pi)/200) \cos((803\pi)/25000))/8,$   
 $(25\pi \cos((7\pi)/400) \cos((1607\pi)/50000))/8,$   
 $(25\pi \cos(\pi/50) \cos((201\pi)/6250))/8,$   
 $(25\pi \cos((9\pi)/400) \cos((1609\pi)/50000))/8,$   
 $(25\pi \cos(\pi/40) \cos((161\pi)/5000))/8,$   
 $(25\pi \cos((11\pi)/400) \cos((1611\pi)/50000))/8,$   
 $(25\pi \cos((3\pi)/100) \cos((403\pi)/12500))/8,$   
 $(25\pi \cos((13\pi)/400) \cos((1613\pi)/50000))/8,$   
 $(25\pi \cos((7\pi)/200) \cos((807\pi)/25000))/8,$   
 $(25\pi \cos((3\pi)/80) \cos((323\pi)/10000))/8, (25\pi \cos(\pi/25) \cos((101\pi)/3125))/8,$   
 $(25\pi \cos((17\pi)/400) \cos((1617\pi)/50000))/8,$   
 $(25\pi \cos((9\pi)/200) \cos((809\pi)/25000))/8,$   
 $(25\pi \cos((19\pi)/400) \cos((1619\pi)/50000))/8,$   
 $(25\pi \cos(\pi/20) \cos((81\pi)/2500))/8,$   
 $(25\pi \cos((21\pi)/400) \cos((1621\pi)/50000))/8,$   
 $(25\pi \cos((11\pi)/200) \cos((811\pi)/25000))/8,$   
 $(25\pi \cos((23\pi)/400) \cos((1623\pi)/50000))/8,$   
 $(25\pi \cos((3\pi)/50) \cos((203\pi)/6250))/8, (25\pi \cos(\pi/16) \cos((13\pi)/400))/8,$   
 $(25\pi \cos((13\pi)/200) \cos((813\pi)/25000))/8,$   
 $(25\pi \cos((27\pi)/400) \cos((1627\pi)/50000))/8,$   
 $(25\pi \cos((7\pi)/100) \cos((407\pi)/12500))/8,$   
 $(25\pi \cos((29\pi)/400) \cos((1629\pi)/50000))/8,$   
 $(25\pi \cos((3\pi)/40) \cos((163\pi)/5000))/8,$   
 $(25\pi \cos((31\pi)/400) \cos((1631\pi)/50000))/8,$   
 $(25\pi \cos((2\pi)/25) \cos((102\pi)/3125))/8,$   
 $(25\pi \cos((33\pi)/400) \cos((1633\pi)/50000))/8,$   
 $(25\pi \cos((17\pi)/200) \cos((817\pi)/25000))/8,$   
 $(25\pi \cos((7\pi)/80) \cos((327\pi)/10000))/8,$   
 $(25\pi \cos((9\pi)/100) \cos((409\pi)/12500))/8,$   
 $(25\pi \cos((37\pi)/400) \cos((1637\pi)/50000))/8,$   
 $(25\pi \cos((19\pi)/200) \cos((819\pi)/25000))/8,$

$(25\pi \cos((39\pi)/400) \cos((1639\pi)/50000))/8,$   
 $(25 \cdot 2^{(1/2)} \pi \cos((41\pi)/1250) \cdot (5^{(1/2)} + 5)^{(1/2)})/32,$   
 $(25\pi \cos((41\pi)/400) \cos((1641\pi)/50000))/8,$   
 $(25\pi \cos((21\pi)/200) \cos((821\pi)/25000))/8,$   
 $(25\pi \cos((43\pi)/400) \cos((1643\pi)/50000))/8,$   
 $(25\pi \cos((11\pi)/100) \cos((411\pi)/12500))/8,$   
 $(25\pi \cos((9\pi)/80) \cos((329\pi)/10000))/8,$   
 $(25\pi \cos((23\pi)/200) \cos((823\pi)/25000))/8,$   
 $(25\pi \cos((47\pi)/400) \cos((1647\pi)/50000))/8,$   
 $(25\pi \cos((3\pi)/25) \cos((103\pi)/3125))/8,$   
 $(25\pi \cos((49\pi)/400) \cos((1649\pi)/50000))/8, (25\pi \cos((33\pi)/1000) \cdot (2^{(1/2)} + 2)^{(1/2)})/16, (25\pi \cos((51\pi)/400) \cos((1651\pi)/50000))/8,$   
 $(25\pi \cos((13\pi)/100) \cos((413\pi)/12500))/8,$   
 $(25\pi \cos((53\pi)/400) \cos((1653\pi)/50000))/8,$   
 $(25\pi \cos((27\pi)/200) \cos((827\pi)/25000))/8,$   
 $(25\pi \cos((11\pi)/80) \cos((331\pi)/10000))/8,$   
 $(25\pi \cos((7\pi)/50) \cos((207\pi)/6250))/8,$   
 $(25\pi \cos((57\pi)/400) \cos((1657\pi)/50000))/8,$   
 $(25\pi \cos((29\pi)/200) \cos((829\pi)/25000))/8,$   
 $(25\pi \cos((59\pi)/400) \cos((1659\pi)/50000))/8,$   
 $(25\pi \cos((3\pi)/20) \cos((83\pi)/2500))/8,$   
 $(25\pi \cos((61\pi)/400) \cos((1661\pi)/50000))/8,$   
 $(25\pi \cos((31\pi)/200) \cos((831\pi)/25000))/8,$   
 $(25\pi \cos((63\pi)/400) \cos((1663\pi)/50000))/8,$   
 $(25\pi \cos((4\pi)/25) \cos((104\pi)/3125))/8,$   
 $(25\pi \cos((13\pi)/80) \cos((333\pi)/10000))/8,$   
 $(25\pi \cos((33\pi)/200) \cos((833\pi)/25000))/8,$   
 $(25\pi \cos((67\pi)/400) \cos((1667\pi)/50000))/8,$   
 $(25\pi \cos((17\pi)/100) \cos((417\pi)/12500))/8,$   
 $(25\pi \cos((69\pi)/400) \cos((1669\pi)/50000))/8,$   
 $(25\pi \cos((7\pi)/40) \cos((167\pi)/5000))/8,$   
 $(25\pi \cos((71\pi)/400) \cos((1671\pi)/50000))/8,$   
 $(25\pi \cos((9\pi)/50) \cos((209\pi)/6250))/8,$   
 $(25\pi \cos((73\pi)/400) \cos((1673\pi)/50000))/8,$   
 $(25\pi \cos((37\pi)/200) \cos((837\pi)/25000))/8,$   
 $(25\pi \cos((3\pi)/16) \cos((67\pi)/2000))/8,$   
 $(25\pi \cos((19\pi)/100) \cos((419\pi)/12500))/8,$   
 $(25\pi \cos((77\pi)/400) \cos((1677\pi)/50000))/8,$   
 $(25\pi \cos((39\pi)/200) \cos((839\pi)/25000))/8,$   
 $(25\pi \cos((79\pi)/400) \cos((1679\pi)/50000))/8, (25\pi \cos((21\pi)/625) \cdot (5^{(1/2)}/4 + 1/4))/8, (25\pi \cos((81\pi)/400) \cos((1681\pi)/50000))/8,$   
 $(25\pi \cos((41\pi)/200) \cos((841\pi)/25000))/8,$   
 $(25\pi \cos((83\pi)/400) \cos((1683\pi)/50000))/8,$   
 $(25\pi \cos((21\pi)/100) \cos((421\pi)/12500))/8,$   
 $(25\pi \cos((17\pi)/80) \cos((337\pi)/10000))/8,$   
 $(25\pi \cos((43\pi)/200) \cos((843\pi)/25000))/8,$   
 $(25\pi \cos((87\pi)/400) \cos((1687\pi)/50000))/8,$   
 $(25\pi \cos((11\pi)/50) \cos((211\pi)/6250))/8,$   
 $(25\pi \cos((89\pi)/400) \cos((1689\pi)/50000))/8,$   
 $(25\pi \cos((9\pi)/40) \cos((169\pi)/5000))/8,$   
 $(25\pi \cos((91\pi)/400) \cos((1691\pi)/50000))/8,$

$(25\pi \cos((23\pi)/100) \cos((423\pi)/12500))/8,$   
 $(25\pi \cos((93\pi)/400) \cos((1693\pi)/50000))/8,$   
 $(25\pi \cos((47\pi)/200) \cos((847\pi)/25000))/8,$   
 $(25\pi \cos((19\pi)/80) \cos((339\pi)/10000))/8,$   
 $(25\pi \cos((6\pi)/25) \cos((106\pi)/3125))/8,$   
 $(25\pi \cos((97\pi)/400) \cos((1697\pi)/50000))/8,$   
 $(25\pi \cos((49\pi)/200) \cos((849\pi)/25000))/8,$   
 $(25\pi \cos((99\pi)/400) \cos((1699\pi)/50000))/8, (25 \cdot 2^{(1/2)} \pi \cos((17\pi)/500))/16,$   
 $(25\pi \cos((101\pi)/400) \cos((1701\pi)/50000))/8,$   
 $(25\pi \cos((51\pi)/200) \cos((851\pi)/25000))/8,$   
 $(25\pi \cos((103\pi)/400) \cos((1703\pi)/50000))/8,$   
 $(25\pi \cos((13\pi)/50) \cos((213\pi)/6250))/8,$   
 $(25\pi \cos((21\pi)/80) \cos((341\pi)/10000))/8,$   
 $(25\pi \cos((53\pi)/200) \cos((853\pi)/25000))/8,$   
 $(25\pi \cos((107\pi)/400) \cos((1707\pi)/50000))/8,$   
 $(25\pi \cos((27\pi)/100) \cos((427\pi)/12500))/8,$   
 $(25\pi \cos((109\pi)/400) \cos((1709\pi)/50000))/8,$   
 $(25\pi \cos((11\pi)/40) \cos((171\pi)/5000))/8,$   
 $(25\pi \cos((111\pi)/400) \cos((1711\pi)/50000))/8,$   
 $(25\pi \cos((7\pi)/25) \cos((107\pi)/3125))/8,$   
 $(25\pi \cos((113\pi)/400) \cos((1713\pi)/50000))/8,$   
 $(25\pi \cos((57\pi)/200) \cos((857\pi)/25000))/8,$   
 $(25\pi \cos((23\pi)/80) \cos((343\pi)/10000))/8,$   
 $(25\pi \cos((29\pi)/100) \cos((429\pi)/12500))/8,$   
 $(25\pi \cos((117\pi)/400) \cos((1717\pi)/50000))/8,$   
 $(25\pi \cos((59\pi)/200) \cos((859\pi)/25000))/8,$   
 $(25\pi \cos((119\pi)/400) \cos((1719\pi)/50000))/8, (25 \cdot 2^{(1/2)} \pi \cos((43\pi)/1250) \cdot (5$   
 $- 5^{(1/2)})^{(1/2)})/32, (25\pi \cos((121\pi)/400) \cos((1721\pi)/50000))/8,$   
 $(25\pi \cos((61\pi)/200) \cos((861\pi)/25000))/8,$   
 $(25\pi \cos((123\pi)/400) \cos((1723\pi)/50000))/8,$   
 $(25\pi \cos((31\pi)/100) \cos((431\pi)/12500))/8,$   
 $(25\pi \cos((5\pi)/16) \cos((69\pi)/2000))/8,$   
 $(25\pi \cos((63\pi)/200) \cos((863\pi)/25000))/8,$   
 $(25\pi \cos((127\pi)/400) \cos((1727\pi)/50000))/8,$   
 $(25\pi \cos((8\pi)/25) \cos((108\pi)/3125))/8,$   
 $(25\pi \cos((129\pi)/400) \cos((1729\pi)/50000))/8,$   
 $(25\pi \cos((13\pi)/40) \cos((173\pi)/5000))/8,$   
 $(25\pi \cos((131\pi)/400) \cos((1731\pi)/50000))/8,$   
 $(25\pi \cos((33\pi)/100) \cos((433\pi)/12500))/8,$   
 $(25\pi \cos((133\pi)/400) \cos((1733\pi)/50000))/8,$   
 $(25\pi \cos((67\pi)/200) \cos((867\pi)/25000))/8,$   
 $(25\pi \cos((27\pi)/80) \cos((347\pi)/10000))/8,$   
 $(25\pi \cos((17\pi)/50) \cos((217\pi)/6250))/8,$   
 $(25\pi \cos((137\pi)/400) \cos((1737\pi)/50000))/8,$   
 $(25\pi \cos((69\pi)/200) \cos((869\pi)/25000))/8,$   
 $(25\pi \cos((139\pi)/400) \cos((1739\pi)/50000))/8,$   
 $(25\pi \cos((7\pi)/20) \cos((87\pi)/2500))/8,$   
 $(25\pi \cos((141\pi)/400) \cos((1741\pi)/50000))/8,$   
 $(25\pi \cos((71\pi)/200) \cos((871\pi)/25000))/8,$   
 $(25\pi \cos((143\pi)/400) \cos((1743\pi)/50000))/8,$   
 $(25\pi \cos((9\pi)/25) \cos((109\pi)/3125))/8,$

$(25\pi \cos((29\pi)/80) \cos((349\pi)/10000))/8,$   
 $(25\pi \cos((73\pi)/200) \cos((873\pi)/25000))/8,$   
 $(25\pi \cos((147\pi)/400) \cos((1747\pi)/50000))/8,$   
 $(25\pi \cos((37\pi)/100) \cos((437\pi)/12500))/8,$   
 $(25\pi \cos((149\pi)/400) \cos((1749\pi)/50000))/8, (25\pi \cos((7\pi)/200) * (2 -$   
 $2^{(1/2)})^{(1/2)})/16, (25\pi \cos((151\pi)/400) \cos((1751\pi)/50000))/8,$   
 $(25\pi \cos((19\pi)/50) \cos((219\pi)/6250))/8,$   
 $(25\pi \cos((153\pi)/400) \cos((1753\pi)/50000))/8,$   
 $(25\pi \cos((77\pi)/200) \cos((877\pi)/25000))/8,$   
 $(25\pi \cos((31\pi)/80) \cos((351\pi)/10000))/8,$   
 $(25\pi \cos((39\pi)/100) \cos((439\pi)/12500))/8,$   
 $(25\pi \cos((157\pi)/400) \cos((1757\pi)/50000))/8,$   
 $(25\pi \cos((79\pi)/200) \cos((879\pi)/25000))/8,$   
 $(25\pi \cos((159\pi)/400) \cos((1759\pi)/50000))/8, (25\pi \cos((22\pi)/625) * (5^{(1/2)}/4 -$   
 $1/4))/8, (25\pi \cos((161\pi)/400) \cos((1761\pi)/50000))/8,$   
 $(25\pi \cos((81\pi)/200) \cos((881\pi)/25000))/8,$   
 $(25\pi \cos((163\pi)/400) \cos((1763\pi)/50000))/8,$   
 $(25\pi \cos((41\pi)/100) \cos((441\pi)/12500))/8,$   
 $(25\pi \cos((33\pi)/80) \cos((353\pi)/10000))/8,$   
 $(25\pi \cos((83\pi)/200) \cos((883\pi)/25000))/8,$   
 $(25\pi \cos((167\pi)/400) \cos((1767\pi)/50000))/8,$   
 $(25\pi \cos((21\pi)/50) \cos((221\pi)/6250))/8,$   
 $(25\pi \cos((169\pi)/400) \cos((1769\pi)/50000))/8,$   
 $(25\pi \cos((17\pi)/40) \cos((177\pi)/5000))/8,$   
 $(25\pi \cos((171\pi)/400) \cos((1771\pi)/50000))/8,$   
 $(25\pi \cos((43\pi)/100) \cos((443\pi)/12500))/8,$   
 $(25\pi \cos((173\pi)/400) \cos((1773\pi)/50000))/8,$   
 $(25\pi \cos((87\pi)/200) \cos((887\pi)/25000))/8,$   
 $(25\pi \cos((7\pi)/16) \cos((71\pi)/2000))/8,$   
 $(25\pi \cos((11\pi)/25) \cos((111\pi)/3125))/8,$   
 $(25\pi \cos((177\pi)/400) \cos((1777\pi)/50000))/8,$   
 $(25\pi \cos((89\pi)/200) \cos((889\pi)/25000))/8,$   
 $(25\pi \cos((179\pi)/400) \cos((1779\pi)/50000))/8,$   
 $(25\pi \cos((9\pi)/20) \cos((89\pi)/2500))/8,$   
 $(25\pi \cos((181\pi)/400) \cos((1781\pi)/50000))/8,$   
 $(25\pi \cos((91\pi)/200) \cos((891\pi)/25000))/8,$   
 $(25\pi \cos((183\pi)/400) \cos((1783\pi)/50000))/8,$   
 $(25\pi \cos((23\pi)/50) \cos((223\pi)/6250))/8,$   
 $(25\pi \cos((37\pi)/80) \cos((357\pi)/10000))/8,$   
 $(25\pi \cos((93\pi)/200) \cos((893\pi)/25000))/8,$   
 $(25\pi \cos((187\pi)/400) \cos((1787\pi)/50000))/8,$   
 $(25\pi \cos((47\pi)/100) \cos((447\pi)/12500))/8,$   
 $(25\pi \cos((189\pi)/400) \cos((1789\pi)/50000))/8,$   
 $(25\pi \cos((19\pi)/40) \cos((179\pi)/5000))/8,$   
 $(25\pi \cos((191\pi)/400) \cos((1791\pi)/50000))/8,$   
 $(25\pi \cos((12\pi)/25) \cos((112\pi)/3125))/8,$   
 $(25\pi \cos((193\pi)/400) \cos((1793\pi)/50000))/8,$   
 $(25\pi \cos((97\pi)/200) \cos((897\pi)/25000))/8,$   
 $(25\pi \cos((39\pi)/80) \cos((359\pi)/10000))/8,$   
 $(25\pi \cos((49\pi)/100) \cos((449\pi)/12500))/8,$   
 $(25\pi \cos((197\pi)/400) \cos((1797\pi)/50000))/8,$

$(25\pi \cos((99\pi)/200) \cos((899\pi)/25000))/8,$   
 $(25\pi \cos((199\pi)/400) \cos((1799\pi)/50000))/8, 0, -$   
 $(25\pi \cos((199\pi)/400) \cos((1801\pi)/50000))/8, -$   
 $(25\pi \cos((99\pi)/200) \cos((901\pi)/25000))/8, -$   
 $(25\pi \cos((197\pi)/400) \cos((1803\pi)/50000))/8, -$   
 $(25\pi \cos((49\pi)/100) \cos((451\pi)/12500))/8, -$   
 $(25\pi \cos((39\pi)/80) \cos((361\pi)/10000))/8, -$   
 $(25\pi \cos((97\pi)/200) \cos((903\pi)/25000))/8, -$   
 $(25\pi \cos((193\pi)/400) \cos((1807\pi)/50000))/8, -$   
 $(25\pi \cos((12\pi)/25) \cos((113\pi)/3125))/8, -$   
 $(25\pi \cos((191\pi)/400) \cos((1809\pi)/50000))/8, -$   
 $(25\pi \cos((19\pi)/40) \cos((181\pi)/5000))/8, -$   
 $(25\pi \cos((189\pi)/400) \cos((1811\pi)/50000))/8, -$   
 $(25\pi \cos((47\pi)/100) \cos((453\pi)/12500))/8, -$   
 $(25\pi \cos((187\pi)/400) \cos((1813\pi)/50000))/8, -$   
 $(25\pi \cos((93\pi)/200) \cos((907\pi)/25000))/8, -$   
 $(25\pi \cos((37\pi)/80) \cos((363\pi)/10000))/8, -$   
 $(25\pi \cos((23\pi)/50) \cos((227\pi)/6250))/8, -$   
 $(25\pi \cos((183\pi)/400) \cos((1817\pi)/50000))/8, -$   
 $(25\pi \cos((91\pi)/200) \cos((909\pi)/25000))/8, -$   
 $(25\pi \cos((181\pi)/400) \cos((1819\pi)/50000))/8, -$   
 $(25\pi \cos((9\pi)/20) \cos((91\pi)/2500))/8, -$   
 $(25\pi \cos((179\pi)/400) \cos((1821\pi)/50000))/8, -$   
 $(25\pi \cos((89\pi)/200) \cos((911\pi)/25000))/8, -$   
 $(25\pi \cos((177\pi)/400) \cos((1823\pi)/50000))/8, -$   
 $(25\pi \cos((11\pi)/25) \cos((114\pi)/3125))/8, -$   
 $(25\pi \cos((7\pi)/16) \cos((73\pi)/2000))/8, -$   
 $(25\pi \cos((87\pi)/200) \cos((913\pi)/25000))/8, -$   
 $(25\pi \cos((173\pi)/400) \cos((1827\pi)/50000))/8, -$   
 $(25\pi \cos((43\pi)/100) \cos((457\pi)/12500))/8, -$   
 $(25\pi \cos((171\pi)/400) \cos((1829\pi)/50000))/8, -$   
 $(25\pi \cos((17\pi)/40) \cos((183\pi)/5000))/8, -$   
 $(25\pi \cos((169\pi)/400) \cos((1831\pi)/50000))/8, -$   
 $(25\pi \cos((21\pi)/50) \cos((229\pi)/6250))/8, -$   
 $(25\pi \cos((167\pi)/400) \cos((1833\pi)/50000))/8, -$   
 $(25\pi \cos((83\pi)/200) \cos((917\pi)/25000))/8, -$   
 $(25\pi \cos((33\pi)/80) \cos((367\pi)/10000))/8, -$   
 $(25\pi \cos((41\pi)/100) \cos((459\pi)/12500))/8, -$   
 $(25\pi \cos((163\pi)/400) \cos((1837\pi)/50000))/8, -$   
 $(25\pi \cos((81\pi)/200) \cos((919\pi)/25000))/8, -$   
 $(25\pi \cos((161\pi)/400) \cos((1839\pi)/50000))/8, - (25\pi \cos((23\pi)/625) * (5^{1/2}) / 4$   
 $- 1/4) / 8, - (25\pi \cos((159\pi)/400) \cos((1841\pi)/50000))/8, -$   
 $(25\pi \cos((79\pi)/200) \cos((921\pi)/25000))/8, -$   
 $(25\pi \cos((157\pi)/400) \cos((1843\pi)/50000))/8, -$   
 $(25\pi \cos((39\pi)/100) \cos((461\pi)/12500))/8, -$   
 $(25\pi \cos((31\pi)/80) \cos((369\pi)/10000))/8, -$   
 $(25\pi \cos((77\pi)/200) \cos((923\pi)/25000))/8, -$   
 $(25\pi \cos((153\pi)/400) \cos((1847\pi)/50000))/8, -$   
 $(25\pi \cos((19\pi)/50) \cos((231\pi)/6250))/8, -$   
 $(25\pi \cos((151\pi)/400) \cos((1849\pi)/50000))/8, - (25\pi \cos((37\pi)/1000) * (2 -$   
 $2^{1/2})^{1/2}) / 16, - (25\pi \cos((149\pi)/400) \cos((1851\pi)/50000))/8, -$



$(25\pi \cos((37\pi)/100) \cos((463\pi)/12500))/8, -$   
 $(25\pi \cos((147\pi)/400) \cos((1853\pi)/50000))/8, -$   
 $(25\pi \cos((73\pi)/200) \cos((927\pi)/25000))/8, -$   
 $(25\pi \cos((29\pi)/80) \cos((371\pi)/10000))/8, -$   
 $(25\pi \cos((9\pi)/25) \cos((116\pi)/3125))/8, -$   
 $(25\pi \cos((143\pi)/400) \cos((1857\pi)/50000))/8, -$   
 $(25\pi \cos((71\pi)/200) \cos((929\pi)/25000))/8, -$   
 $(25\pi \cos((141\pi)/400) \cos((1859\pi)/50000))/8, -$   
 $(25\pi \cos((7\pi)/20) \cos((93\pi)/2500))/8, -$   
 $(25\pi \cos((139\pi)/400) \cos((1861\pi)/50000))/8, -$   
 $(25\pi \cos((69\pi)/200) \cos((931\pi)/25000))/8, -$   
 $(25\pi \cos((137\pi)/400) \cos((1863\pi)/50000))/8, -$   
 $(25\pi \cos((17\pi)/50) \cos((233\pi)/6250))/8, -$   
 $(25\pi \cos((27\pi)/80) \cos((373\pi)/10000))/8, -$   
 $(25\pi \cos((67\pi)/200) \cos((933\pi)/25000))/8, -$   
 $(25\pi \cos((133\pi)/400) \cos((1867\pi)/50000))/8, -$   
 $(25\pi \cos((33\pi)/100) \cos((467\pi)/12500))/8, -$   
 $(25\pi \cos((131\pi)/400) \cos((1869\pi)/50000))/8, -$   
 $(25\pi \cos((13\pi)/40) \cos((187\pi)/5000))/8, -$   
 $(25\pi \cos((129\pi)/400) \cos((1871\pi)/50000))/8, -$   
 $(25\pi \cos((8\pi)/25) \cos((117\pi)/3125))/8, -$   
 $(25\pi \cos((127\pi)/400) \cos((1873\pi)/50000))/8, -$   
 $(25\pi \cos((63\pi)/200) \cos((937\pi)/25000))/8, -$   
 $(25\pi \cos((5\pi)/16) \cos((3\pi)/80))/8, -$   
 $(25\pi \cos((31\pi)/100) \cos((469\pi)/12500))/8, -$   
 $(25\pi \cos((123\pi)/400) \cos((1877\pi)/50000))/8, -$   
 $(25\pi \cos((61\pi)/200) \cos((939\pi)/25000))/8, -$   
 $(25\pi \cos((121\pi)/400) \cos((1879\pi)/50000))/8, - (25 \cdot 2^{(1/2)} \pi \cos((47\pi)/1250) \cdot (5$   
 $- 5^{(1/2)})^{(1/2)})/32, - (25\pi \cos((119\pi)/400) \cos((1881\pi)/50000))/8, -$   
 $(25\pi \cos((59\pi)/200) \cos((941\pi)/25000))/8, -$   
 $(25\pi \cos((117\pi)/400) \cos((1883\pi)/50000))/8, -$   
 $(25\pi \cos((29\pi)/100) \cos((471\pi)/12500))/8, -$   
 $(25\pi \cos((23\pi)/80) \cos((377\pi)/10000))/8, -$   
 $(25\pi \cos((57\pi)/200) \cos((943\pi)/25000))/8, -$   
 $(25\pi \cos((113\pi)/400) \cos((1887\pi)/50000))/8, -$   
 $(25\pi \cos((7\pi)/25) \cos((118\pi)/3125))/8, -$   
 $(25\pi \cos((111\pi)/400) \cos((1889\pi)/50000))/8, -$   
 $(25\pi \cos((11\pi)/40) \cos((189\pi)/5000))/8, -$   
 $(25\pi \cos((109\pi)/400) \cos((1891\pi)/50000))/8, -$   
 $(25\pi \cos((27\pi)/100) \cos((473\pi)/12500))/8, -$   
 $(25\pi \cos((107\pi)/400) \cos((1893\pi)/50000))/8, -$   
 $(25\pi \cos((53\pi)/200) \cos((947\pi)/25000))/8, -$   
 $(25\pi \cos((21\pi)/80) \cos((379\pi)/10000))/8, -$   
 $(25\pi \cos((13\pi)/50) \cos((237\pi)/6250))/8, -$   
 $(25\pi \cos((103\pi)/400) \cos((1897\pi)/50000))/8, -$   
 $(25\pi \cos((51\pi)/200) \cos((949\pi)/25000))/8, -$   
 $(25\pi \cos((101\pi)/400) \cos((1899\pi)/50000))/8, -$   
 $(25 \cdot 2^{(1/2)} \pi \cos((19\pi)/500))/16, - (25\pi \cos((99\pi)/400) \cos((1901\pi)/50000))/8,$   
 $- (25\pi \cos((49\pi)/200) \cos((951\pi)/25000))/8, -$   
 $(25\pi \cos((97\pi)/400) \cos((1903\pi)/50000))/8, -$   
 $(25\pi \cos((6\pi)/25) \cos((119\pi)/3125))/8, -$

$(25\pi \cos((19\pi)/80) \cos((381\pi)/10000))/8, -$   
 $(25\pi \cos((47\pi)/200) \cos((953\pi)/25000))/8, -$   
 $(25\pi \cos((93\pi)/400) \cos((1907\pi)/50000))/8, -$   
 $(25\pi \cos((23\pi)/100) \cos((477\pi)/12500))/8, -$   
 $(25\pi \cos((91\pi)/400) \cos((1909\pi)/50000))/8, -$   
 $(25\pi \cos((9\pi)/40) \cos((191\pi)/5000))/8, -$   
 $(25\pi \cos((89\pi)/400) \cos((1911\pi)/50000))/8, -$   
 $(25\pi \cos((11\pi)/50) \cos((239\pi)/6250))/8, -$   
 $(25\pi \cos((87\pi)/400) \cos((1913\pi)/50000))/8, -$   
 $(25\pi \cos((43\pi)/200) \cos((957\pi)/25000))/8, -$   
 $(25\pi \cos((17\pi)/80) \cos((383\pi)/10000))/8, -$   
 $(25\pi \cos((21\pi)/100) \cos((479\pi)/12500))/8, -$   
 $(25\pi \cos((83\pi)/400) \cos((1917\pi)/50000))/8, -$   
 $(25\pi \cos((41\pi)/200) \cos((959\pi)/25000))/8, -$   
 $(25\pi \cos((81\pi)/400) \cos((1919\pi)/50000))/8, - (25\pi \cos((24\pi)/625) * (5^{1/2})/4 +$   
 $1/4))/8, - (25\pi \cos((79\pi)/400) \cos((1921\pi)/50000))/8, -$   
 $(25\pi \cos((39\pi)/200) \cos((961\pi)/25000))/8, -$   
 $(25\pi \cos((77\pi)/400) \cos((1923\pi)/50000))/8, -$   
 $(25\pi \cos((19\pi)/100) \cos((481\pi)/12500))/8, -$   
 $(25\pi \cos((3\pi)/16) \cos((77\pi)/2000))/8, -$   
 $(25\pi \cos((37\pi)/200) \cos((963\pi)/25000))/8, -$   
 $(25\pi \cos((73\pi)/400) \cos((1927\pi)/50000))/8, -$   
 $(25\pi \cos((9\pi)/50) \cos((241\pi)/6250))/8, -$   
 $(25\pi \cos((71\pi)/400) \cos((1929\pi)/50000))/8, -$   
 $(25\pi \cos((7\pi)/40) \cos((193\pi)/5000))/8, -$   
 $(25\pi \cos((69\pi)/400) \cos((1931\pi)/50000))/8, -$   
 $(25\pi \cos((17\pi)/100) \cos((483\pi)/12500))/8, -$   
 $(25\pi \cos((67\pi)/400) \cos((1933\pi)/50000))/8, -$   
 $(25\pi \cos((33\pi)/200) \cos((967\pi)/25000))/8, -$   
 $(25\pi \cos((13\pi)/80) \cos((387\pi)/10000))/8, -$   
 $(25\pi \cos((4\pi)/25) \cos((121\pi)/3125))/8, -$   
 $(25\pi \cos((63\pi)/400) \cos((1937\pi)/50000))/8, -$   
 $(25\pi \cos((31\pi)/200) \cos((969\pi)/25000))/8, -$   
 $(25\pi \cos((61\pi)/400) \cos((1939\pi)/50000))/8, -$   
 $(25\pi \cos((3\pi)/20) \cos((97\pi)/2500))/8, -$   
 $(25\pi \cos((59\pi)/400) \cos((1941\pi)/50000))/8, -$   
 $(25\pi \cos((29\pi)/200) \cos((971\pi)/25000))/8, -$   
 $(25\pi \cos((57\pi)/400) \cos((1943\pi)/50000))/8, -$   
 $(25\pi \cos((7\pi)/50) \cos((243\pi)/6250))/8, -$   
 $(25\pi \cos((11\pi)/80) \cos((389\pi)/10000))/8, -$   
 $(25\pi \cos((27\pi)/200) \cos((973\pi)/25000))/8, -$   
 $(25\pi \cos((53\pi)/400) \cos((1947\pi)/50000))/8, -$   
 $(25\pi \cos((13\pi)/100) \cos((487\pi)/12500))/8, -$   
 $(25\pi \cos((51\pi)/400) \cos((1949\pi)/50000))/8, - (25\pi \cos((39\pi)/1000) * (2^{1/2} +$   
 $2)^{1/2})/16, - (25\pi \cos((49\pi)/400) \cos((1951\pi)/50000))/8, -$   
 $(25\pi \cos((3\pi)/25) \cos((122\pi)/3125))/8, -$   
 $(25\pi \cos((47\pi)/400) \cos((1953\pi)/50000))/8, -$   
 $(25\pi \cos((23\pi)/200) \cos((977\pi)/25000))/8, -$   
 $(25\pi \cos((9\pi)/80) \cos((391\pi)/10000))/8, -$   
 $(25\pi \cos((11\pi)/100) \cos((489\pi)/12500))/8, -$   
 $(25\pi \cos((43\pi)/400) \cos((1957\pi)/50000))/8, -$

$(25\pi \cos((21\pi)/200) \cos((979\pi)/25000))/8, -$   
 $(25\pi \cos((41\pi)/400) \cos((1959\pi)/50000))/8, -$   
 $(25 \cdot 2^{(1/2)} \pi \cos((49\pi)/1250) \cdot (5^{(1/2)} + 5)^{(1/2)})/32, -$   
 $(25\pi \cos((39\pi)/400) \cos((1961\pi)/50000))/8, -$   
 $(25\pi \cos((19\pi)/200) \cos((981\pi)/25000))/8, -$   
 $(25\pi \cos((37\pi)/400) \cos((1963\pi)/50000))/8, -$   
 $(25\pi \cos((9\pi)/100) \cos((491\pi)/12500))/8, -$   
 $(25\pi \cos((7\pi)/80) \cos((393\pi)/10000))/8, -$   
 $(25\pi \cos((17\pi)/200) \cos((983\pi)/25000))/8, -$   
 $(25\pi \cos((33\pi)/400) \cos((1967\pi)/50000))/8, -$   
 $(25\pi \cos((2\pi)/25) \cos((123\pi)/3125))/8, -$   
 $(25\pi \cos((31\pi)/400) \cos((1969\pi)/50000))/8, -$   
 $(25\pi \cos((3\pi)/40) \cos((197\pi)/5000))/8, -$   
 $(25\pi \cos((29\pi)/400) \cos((1971\pi)/50000))/8, -$   
 $(25\pi \cos((7\pi)/100) \cos((493\pi)/12500))/8, -$   
 $(25\pi \cos((27\pi)/400) \cos((1973\pi)/50000))/8, -$   
 $(25\pi \cos((13\pi)/200) \cos((987\pi)/25000))/8, -$   
 $(25\pi \cos(\pi/16) \cos((79\pi)/2000))/8, - (25\pi \cos((3\pi)/50) \cos((247\pi)/6250))/8,$   
 $- (25\pi \cos((23\pi)/400) \cos((1977\pi)/50000))/8, -$   
 $(25\pi \cos((11\pi)/200) \cos((989\pi)/25000))/8, -$   
 $(25\pi \cos((21\pi)/400) \cos((1979\pi)/50000))/8, -$   
 $(25\pi \cos(\pi/20) \cos((99\pi)/2500))/8, -$   
 $(25\pi \cos((19\pi)/400) \cos((1981\pi)/50000))/8, -$   
 $(25\pi \cos((9\pi)/200) \cos((991\pi)/25000))/8, -$   
 $(25\pi \cos((17\pi)/400) \cos((1983\pi)/50000))/8, -$   
 $(25\pi \cos(\pi/25) \cos((124\pi)/3125))/8, -$   
 $(25\pi \cos((3\pi)/80) \cos((397\pi)/10000))/8, -$   
 $(25\pi \cos((7\pi)/200) \cos((993\pi)/25000))/8, -$   
 $(25\pi \cos((13\pi)/400) \cos((1987\pi)/50000))/8, -$   
 $(25\pi \cos((3\pi)/100) \cos((497\pi)/12500))/8, -$   
 $(25\pi \cos((11\pi)/400) \cos((1989\pi)/50000))/8, -$   
 $(25\pi \cos(\pi/40) \cos((199\pi)/5000))/8, -$   
 $(25\pi \cos((9\pi)/400) \cos((1991\pi)/50000))/8, -$   
 $(25\pi \cos(\pi/50) \cos((249\pi)/6250))/8, -$   
 $(25\pi \cos((7\pi)/400) \cos((1993\pi)/50000))/8, -$   
 $(25\pi \cos((3\pi)/200) \cos((997\pi)/25000))/8, -$   
 $(25\pi \cos(\pi/80) \cos((399\pi)/10000))/8, - (25\pi \cos(\pi/100) \cos((499\pi)/12500))/8,$   
 $- (25\pi \cos((3\pi)/400) \cos((1997\pi)/50000))/8, -$   
 $(25\pi \cos(\pi/200) \cos((999\pi)/25000))/8, -$   
 $(25\pi \cos(\pi/400) \cos((1999\pi)/50000))/8, - (25\pi \cos(\pi/25))/8, -$   
 $(25\pi \cos(\pi/400) \cos((2001\pi)/50000))/8, -$   
 $(25\pi \cos(\pi/200) \cos((1001\pi)/25000))/8, -$   
 $(25\pi \cos((3\pi)/400) \cos((2003\pi)/50000))/8, -$   
 $(25\pi \cos(\pi/100) \cos((501\pi)/12500))/8, - (25\pi \cos(\pi/80) \cos((401\pi)/10000))/8,$   
 $- (25\pi \cos((3\pi)/200) \cos((1003\pi)/25000))/8, -$   
 $(25\pi \cos((7\pi)/400) \cos((2007\pi)/50000))/8, -$   
 $(25\pi \cos(\pi/50) \cos((251\pi)/6250))/8, -$   
 $(25\pi \cos((9\pi)/400) \cos((2009\pi)/50000))/8, -$   
 $(25\pi \cos(\pi/40) \cos((201\pi)/5000))/8, -$   
 $(25\pi \cos((11\pi)/400) \cos((2011\pi)/50000))/8, -$   
 $(25\pi \cos((3\pi)/100) \cos((503\pi)/12500))/8, -$

$(25\pi \cos((13\pi)/400) \cos((2013\pi)/50000))/8, -$   
 $(25\pi \cos((7\pi)/200) \cos((1007\pi)/25000))/8, -$   
 $(25\pi \cos((3\pi)/80) \cos((403\pi)/10000))/8, -$   
 $(25\pi \cos(\pi/25) \cos((126\pi)/3125))/8, -$   
 $(25\pi \cos((17\pi)/400) \cos((2017\pi)/50000))/8, -$   
 $(25\pi \cos((9\pi)/200) \cos((1009\pi)/25000))/8, -$   
 $(25\pi \cos((19\pi)/400) \cos((2019\pi)/50000))/8, -$   
 $(25\pi \cos(\pi/20) \cos((101\pi)/2500))/8, -$   
 $(25\pi \cos((21\pi)/400) \cos((2021\pi)/50000))/8, -$   
 $(25\pi \cos((11\pi)/200) \cos((1011\pi)/25000))/8, -$   
 $(25\pi \cos((23\pi)/400) \cos((2023\pi)/50000))/8, -$   
 $(25\pi \cos((3\pi)/50) \cos((253\pi)/6250))/8, - (25\pi \cos(\pi/16) \cos((81\pi)/2000))/8,$   
 $- (25\pi \cos((13\pi)/200) \cos((1013\pi)/25000))/8, -$   
 $(25\pi \cos((27\pi)/400) \cos((2027\pi)/50000))/8, -$   
 $(25\pi \cos((7\pi)/100) \cos((507\pi)/12500))/8, -$   
 $(25\pi \cos((29\pi)/400) \cos((2029\pi)/50000))/8, -$   
 $(25\pi \cos((3\pi)/40) \cos((203\pi)/5000))/8, -$   
 $(25\pi \cos((31\pi)/400) \cos((2031\pi)/50000))/8, -$   
 $(25\pi \cos((2\pi)/25) \cos((127\pi)/3125))/8, -$   
 $(25\pi \cos((33\pi)/400) \cos((2033\pi)/50000))/8, -$   
 $(25\pi \cos((17\pi)/200) \cos((1017\pi)/25000))/8, -$   
 $(25\pi \cos((7\pi)/80) \cos((407\pi)/10000))/8, -$   
 $(25\pi \cos((9\pi)/100) \cos((509\pi)/12500))/8, -$   
 $(25\pi \cos((37\pi)/400) \cos((2037\pi)/50000))/8, -$   
 $(25\pi \cos((19\pi)/200) \cos((1019\pi)/25000))/8, -$   
 $(25\pi \cos((39\pi)/400) \cos((2039\pi)/50000))/8, -$   
 $(25 \cdot 2^{(1/2)} \pi \cos((51\pi)/1250) \cdot (5^{(1/2)} + 5^{(1/2)}))/32, -$   
 $(25\pi \cos((41\pi)/400) \cos((2041\pi)/50000))/8, -$   
 $(25\pi \cos((21\pi)/200) \cos((1021\pi)/25000))/8, -$   
 $(25\pi \cos((43\pi)/400) \cos((2043\pi)/50000))/8, -$   
 $(25\pi \cos((11\pi)/100) \cos((511\pi)/12500))/8, -$   
 $(25\pi \cos((9\pi)/80) \cos((409\pi)/10000))/8, -$   
 $(25\pi \cos((23\pi)/200) \cos((1023\pi)/25000))/8, -$   
 $(25\pi \cos((47\pi)/400) \cos((2047\pi)/50000))/8, -$   
 $(25\pi \cos((3\pi)/25) \cos((128\pi)/3125))/8, -$   
 $(25\pi \cos((49\pi)/400) \cos((2049\pi)/50000))/8, - (25\pi \cos((41\pi)/1000) \cdot (2^{(1/2)} +$   
 $2)^{(1/2)})/16, - (25\pi \cos((51\pi)/400) \cos((2051\pi)/50000))/8, -$   
 $(25\pi \cos((13\pi)/100) \cos((513\pi)/12500))/8, -$   
 $(25\pi \cos((53\pi)/400) \cos((2053\pi)/50000))/8, -$   
 $(25\pi \cos((27\pi)/200) \cos((1027\pi)/25000))/8, -$   
 $(25\pi \cos((11\pi)/80) \cos((411\pi)/10000))/8, -$   
 $(25\pi \cos((7\pi)/50) \cos((257\pi)/6250))/8, -$   
 $(25\pi \cos((57\pi)/400) \cos((2057\pi)/50000))/8, -$   
 $(25\pi \cos((29\pi)/200) \cos((1029\pi)/25000))/8, -$   
 $(25\pi \cos((59\pi)/400) \cos((2059\pi)/50000))/8, -$   
 $(25\pi \cos((3\pi)/20) \cos((103\pi)/2500))/8, -$   
 $(25\pi \cos((61\pi)/400) \cos((2061\pi)/50000))/8, -$   
 $(25\pi \cos((31\pi)/200) \cos((1031\pi)/25000))/8, -$   
 $(25\pi \cos((63\pi)/400) \cos((2063\pi)/50000))/8, -$   
 $(25\pi \cos((4\pi)/25) \cos((129\pi)/3125))/8, -$   
 $(25\pi \cos((13\pi)/80) \cos((413\pi)/10000))/8, -$

$(25\pi \cos((33\pi)/200) \cos((1033\pi)/25000))/8, -$   
 $(25\pi \cos((67\pi)/400) \cos((2067\pi)/50000))/8, -$   
 $(25\pi \cos((17\pi)/100) \cos((517\pi)/12500))/8, -$   
 $(25\pi \cos((69\pi)/400) \cos((2069\pi)/50000))/8, -$   
 $(25\pi \cos((7\pi)/40) \cos((207\pi)/5000))/8, -$   
 $(25\pi \cos((71\pi)/400) \cos((2071\pi)/50000))/8, -$   
 $(25\pi \cos((9\pi)/50) \cos((259\pi)/6250))/8, -$   
 $(25\pi \cos((73\pi)/400) \cos((2073\pi)/50000))/8, -$   
 $(25\pi \cos((37\pi)/200) \cos((1037\pi)/25000))/8, -$   
 $(25\pi \cos((3\pi)/16) \cos((83\pi)/2000))/8, -$   
 $(25\pi \cos((19\pi)/100) \cos((519\pi)/12500))/8, -$   
 $(25\pi \cos((77\pi)/400) \cos((2077\pi)/50000))/8, -$   
 $(25\pi \cos((39\pi)/200) \cos((1039\pi)/25000))/8, -$   
 $(25\pi \cos((79\pi)/400) \cos((2079\pi)/50000))/8, - (25\pi \cos((26\pi)/625) * (5^{1/2})/4 +$   
 $1/4))/8, - (25\pi \cos((81\pi)/400) \cos((2081\pi)/50000))/8, -$   
 $(25\pi \cos((41\pi)/200) \cos((1041\pi)/25000))/8, -$   
 $(25\pi \cos((83\pi)/400) \cos((2083\pi)/50000))/8, -$   
 $(25\pi \cos((21\pi)/100) \cos((521\pi)/12500))/8, -$   
 $(25\pi \cos((17\pi)/80) \cos((417\pi)/10000))/8, -$   
 $(25\pi \cos((43\pi)/200) \cos((1043\pi)/25000))/8, -$   
 $(25\pi \cos((87\pi)/400) \cos((2087\pi)/50000))/8, -$   
 $(25\pi \cos((11\pi)/50) \cos((261\pi)/6250))/8, -$   
 $(25\pi \cos((89\pi)/400) \cos((2089\pi)/50000))/8, -$   
 $(25\pi \cos((9\pi)/40) \cos((209\pi)/5000))/8, -$   
 $(25\pi \cos((91\pi)/400) \cos((2091\pi)/50000))/8, -$   
 $(25\pi \cos((23\pi)/100) \cos((523\pi)/12500))/8, -$   
 $(25\pi \cos((93\pi)/400) \cos((2093\pi)/50000))/8, -$   
 $(25\pi \cos((47\pi)/200) \cos((1047\pi)/25000))/8, -$   
 $(25\pi \cos((19\pi)/80) \cos((419\pi)/10000))/8, -$   
 $(25\pi \cos((6\pi)/25) \cos((131\pi)/3125))/8, -$   
 $(25\pi \cos((97\pi)/400) \cos((2097\pi)/50000))/8, -$   
 $(25\pi \cos((49\pi)/200) \cos((1049\pi)/25000))/8, -$   
 $(25\pi \cos((99\pi)/400) \cos((2099\pi)/50000))/8, - (25 * 2^{1/2} * \pi * \cos((21\pi)/500))/16,$   
 $- (25\pi \cos((101\pi)/400) \cos((2101\pi)/50000))/8, -$   
 $(25\pi \cos((51\pi)/200) \cos((1051\pi)/25000))/8, -$   
 $(25\pi \cos((103\pi)/400) \cos((2103\pi)/50000))/8, -$   
 $(25\pi \cos((13\pi)/50) \cos((263\pi)/6250))/8, -$   
 $(25\pi \cos((21\pi)/80) \cos((421\pi)/10000))/8, -$   
 $(25\pi \cos((53\pi)/200) \cos((1053\pi)/25000))/8, -$   
 $(25\pi \cos((107\pi)/400) \cos((2107\pi)/50000))/8, -$   
 $(25\pi \cos((27\pi)/100) \cos((527\pi)/12500))/8, -$   
 $(25\pi \cos((109\pi)/400) \cos((2109\pi)/50000))/8, -$   
 $(25\pi \cos((11\pi)/40) \cos((211\pi)/5000))/8, -$   
 $(25\pi \cos((111\pi)/400) \cos((2111\pi)/50000))/8, -$   
 $(25\pi \cos((7\pi)/25) \cos((132\pi)/3125))/8, -$   
 $(25\pi \cos((113\pi)/400) \cos((2113\pi)/50000))/8, -$   
 $(25\pi \cos((57\pi)/200) \cos((1057\pi)/25000))/8, -$   
 $(25\pi \cos((23\pi)/80) \cos((423\pi)/10000))/8, -$   
 $(25\pi \cos((29\pi)/100) \cos((529\pi)/12500))/8, -$   
 $(25\pi \cos((117\pi)/400) \cos((2117\pi)/50000))/8, -$   
 $(25\pi \cos((59\pi)/200) \cos((1059\pi)/25000))/8, -$

$(25\pi \cos((119\pi)/400) \cos((2119\pi)/50000))/8, - (25 \cdot 2^{(1/2)} \pi \cos((53\pi)/1250) \cdot (5 - 5^{(1/2)})^{(1/2)})/32, - (25\pi \cos((121\pi)/400) \cos((2121\pi)/50000))/8, -$   
 $(25\pi \cos((61\pi)/200) \cos((1061\pi)/25000))/8, -$   
 $(25\pi \cos((123\pi)/400) \cos((2123\pi)/50000))/8, -$   
 $(25\pi \cos((31\pi)/100) \cos((531\pi)/12500))/8, -$   
 $(25\pi \cos((5\pi)/16) \cos((17\pi)/400))/8, -$   
 $(25\pi \cos((63\pi)/200) \cos((1063\pi)/25000))/8, -$   
 $(25\pi \cos((127\pi)/400) \cos((2127\pi)/50000))/8, -$   
 $(25\pi \cos((8\pi)/25) \cos((133\pi)/3125))/8, -$   
 $(25\pi \cos((129\pi)/400) \cos((2129\pi)/50000))/8, -$   
 $(25\pi \cos((13\pi)/40) \cos((213\pi)/5000))/8, -$   
 $(25\pi \cos((131\pi)/400) \cos((2131\pi)/50000))/8, -$   
 $(25\pi \cos((33\pi)/100) \cos((533\pi)/12500))/8, -$   
 $(25\pi \cos((133\pi)/400) \cos((2133\pi)/50000))/8, -$   
 $(25\pi \cos((67\pi)/200) \cos((1067\pi)/25000))/8, -$   
 $(25\pi \cos((27\pi)/80) \cos((427\pi)/10000))/8, -$   
 $(25\pi \cos((17\pi)/50) \cos((267\pi)/6250))/8, -$   
 $(25\pi \cos((137\pi)/400) \cos((2137\pi)/50000))/8, -$   
 $(25\pi \cos((69\pi)/200) \cos((1069\pi)/25000))/8, -$   
 $(25\pi \cos((139\pi)/400) \cos((2139\pi)/50000))/8, -$   
 $(25\pi \cos((7\pi)/20) \cos((107\pi)/2500))/8, -$   
 $(25\pi \cos((141\pi)/400) \cos((2141\pi)/50000))/8, -$   
 $(25\pi \cos((71\pi)/200) \cos((1071\pi)/25000))/8, -$   
 $(25\pi \cos((143\pi)/400) \cos((2143\pi)/50000))/8, -$   
 $(25\pi \cos((9\pi)/25) \cos((134\pi)/3125))/8, -$   
 $(25\pi \cos((29\pi)/80) \cos((429\pi)/10000))/8, -$   
 $(25\pi \cos((73\pi)/200) \cos((1073\pi)/25000))/8, -$   
 $(25\pi \cos((147\pi)/400) \cos((2147\pi)/50000))/8, -$   
 $(25\pi \cos((37\pi)/100) \cos((537\pi)/12500))/8, -$   
 $(25\pi \cos((149\pi)/400) \cos((2149\pi)/50000))/8, - (25\pi \cos((43\pi)/1000) \cdot (2 - 2^{(1/2)})^{(1/2)})/16, - (25\pi \cos((151\pi)/400) \cos((2151\pi)/50000))/8, -$   
 $(25\pi \cos((19\pi)/50) \cos((269\pi)/6250))/8, -$   
 $(25\pi \cos((153\pi)/400) \cos((2153\pi)/50000))/8, -$   
 $(25\pi \cos((77\pi)/200) \cos((1077\pi)/25000))/8, -$   
 $(25\pi \cos((31\pi)/80) \cos((431\pi)/10000))/8, -$   
 $(25\pi \cos((39\pi)/100) \cos((539\pi)/12500))/8, -$   
 $(25\pi \cos((157\pi)/400) \cos((2157\pi)/50000))/8, -$   
 $(25\pi \cos((79\pi)/200) \cos((1079\pi)/25000))/8, -$   
 $(25\pi \cos((159\pi)/400) \cos((2159\pi)/50000))/8, - (25\pi \cos((27\pi)/625) \cdot (5^{(1/2)}/4 - 1/4))/8, - (25\pi \cos((161\pi)/400) \cos((2161\pi)/50000))/8, -$   
 $(25\pi \cos((81\pi)/200) \cos((1081\pi)/25000))/8, -$   
 $(25\pi \cos((163\pi)/400) \cos((2163\pi)/50000))/8, -$   
 $(25\pi \cos((41\pi)/100) \cos((541\pi)/12500))/8, -$   
 $(25\pi \cos((33\pi)/80) \cos((433\pi)/10000))/8, -$   
 $(25\pi \cos((83\pi)/200) \cos((1083\pi)/25000))/8, -$   
 $(25\pi \cos((167\pi)/400) \cos((2167\pi)/50000))/8, -$   
 $(25\pi \cos((21\pi)/50) \cos((271\pi)/6250))/8, -$   
 $(25\pi \cos((169\pi)/400) \cos((2169\pi)/50000))/8, -$   
 $(25\pi \cos((17\pi)/40) \cos((217\pi)/5000))/8, -$   
 $(25\pi \cos((171\pi)/400) \cos((2171\pi)/50000))/8, -$   
 $(25\pi \cos((43\pi)/100) \cos((543\pi)/12500))/8, -$

$(25\pi \cos((173\pi)/400) \cos((2173\pi)/50000))/8, -$   
 $(25\pi \cos((87\pi)/200) \cos((1087\pi)/25000))/8, -$   
 $(25\pi \cos((7\pi)/16) \cos((87\pi)/2000))/8, -$   
 $(25\pi \cos((11\pi)/25) \cos((136\pi)/3125))/8, -$   
 $(25\pi \cos((177\pi)/400) \cos((2177\pi)/50000))/8, -$   
 $(25\pi \cos((89\pi)/200) \cos((1089\pi)/25000))/8, -$   
 $(25\pi \cos((179\pi)/400) \cos((2179\pi)/50000))/8, -$   
 $(25\pi \cos((9\pi)/20) \cos((109\pi)/2500))/8, -$   
 $(25\pi \cos((181\pi)/400) \cos((2181\pi)/50000))/8, -$   
 $(25\pi \cos((91\pi)/200) \cos((1091\pi)/25000))/8, -$   
 $(25\pi \cos((183\pi)/400) \cos((2183\pi)/50000))/8, -$   
 $(25\pi \cos((23\pi)/50) \cos((273\pi)/6250))/8, -$   
 $(25\pi \cos((37\pi)/80) \cos((437\pi)/10000))/8, -$   
 $(25\pi \cos((93\pi)/200) \cos((1093\pi)/25000))/8, -$   
 $(25\pi \cos((187\pi)/400) \cos((2187\pi)/50000))/8, -$   
 $(25\pi \cos((47\pi)/100) \cos((547\pi)/12500))/8, -$   
 $(25\pi \cos((189\pi)/400) \cos((2189\pi)/50000))/8, -$   
 $(25\pi \cos((19\pi)/40) \cos((219\pi)/5000))/8, -$   
 $(25\pi \cos((191\pi)/400) \cos((2191\pi)/50000))/8, -$   
 $(25\pi \cos((12\pi)/25) \cos((137\pi)/3125))/8, -$   
 $(25\pi \cos((193\pi)/400) \cos((2193\pi)/50000))/8, -$   
 $(25\pi \cos((97\pi)/200) \cos((1097\pi)/25000))/8, -$   
 $(25\pi \cos((39\pi)/80) \cos((439\pi)/10000))/8, -$   
 $(25\pi \cos((49\pi)/100) \cos((549\pi)/12500))/8, -$   
 $(25\pi \cos((197\pi)/400) \cos((2197\pi)/50000))/8, -$   
 $(25\pi \cos((99\pi)/200) \cos((1099\pi)/25000))/8, -$   
 $(25\pi \cos((199\pi)/400) \cos((2199\pi)/50000))/8, 0,$   
 $(25\pi \cos((199\pi)/400) \cos((2201\pi)/50000))/8,$   
 $(25\pi \cos((99\pi)/200) \cos((1101\pi)/25000))/8,$   
 $(25\pi \cos((197\pi)/400) \cos((2203\pi)/50000))/8,$   
 $(25\pi \cos((49\pi)/100) \cos((551\pi)/12500))/8,$   
 $(25\pi \cos((39\pi)/80) \cos((441\pi)/10000))/8,$   
 $(25\pi \cos((97\pi)/200) \cos((1103\pi)/25000))/8,$   
 $(25\pi \cos((193\pi)/400) \cos((2207\pi)/50000))/8,$   
 $(25\pi \cos((12\pi)/25) \cos((138\pi)/3125))/8,$   
 $(25\pi \cos((191\pi)/400) \cos((2209\pi)/50000))/8,$   
 $(25\pi \cos((19\pi)/40) \cos((221\pi)/5000))/8,$   
 $(25\pi \cos((189\pi)/400) \cos((2211\pi)/50000))/8,$   
 $(25\pi \cos((47\pi)/100) \cos((553\pi)/12500))/8,$   
 $(25\pi \cos((187\pi)/400) \cos((2213\pi)/50000))/8,$   
 $(25\pi \cos((93\pi)/200) \cos((1107\pi)/25000))/8,$   
 $(25\pi \cos((37\pi)/80) \cos((443\pi)/10000))/8,$   
 $(25\pi \cos((23\pi)/50) \cos((277\pi)/6250))/8,$   
 $(25\pi \cos((183\pi)/400) \cos((2217\pi)/50000))/8,$   
 $(25\pi \cos((91\pi)/200) \cos((1109\pi)/25000))/8,$   
 $(25\pi \cos((181\pi)/400) \cos((2219\pi)/50000))/8,$   
 $(25\pi \cos((9\pi)/20) \cos((111\pi)/2500))/8,$   
 $(25\pi \cos((179\pi)/400) \cos((2221\pi)/50000))/8,$   
 $(25\pi \cos((89\pi)/200) \cos((1111\pi)/25000))/8,$   
 $(25\pi \cos((177\pi)/400) \cos((2223\pi)/50000))/8,$   
 $(25\pi \cos((11\pi)/25) \cos((139\pi)/3125))/8,$

$(25\pi \cos((7\pi)/16) \cos((89\pi)/2000))/8,$   
 $(25\pi \cos((87\pi)/200) \cos((1113\pi)/25000))/8,$   
 $(25\pi \cos((173\pi)/400) \cos((2227\pi)/50000))/8,$   
 $(25\pi \cos((43\pi)/100) \cos((557\pi)/12500))/8,$   
 $(25\pi \cos((171\pi)/400) \cos((2229\pi)/50000))/8,$   
 $(25\pi \cos((17\pi)/40) \cos((223\pi)/5000))/8,$   
 $(25\pi \cos((169\pi)/400) \cos((2231\pi)/50000))/8,$   
 $(25\pi \cos((21\pi)/50) \cos((279\pi)/6250))/8,$   
 $(25\pi \cos((167\pi)/400) \cos((2233\pi)/50000))/8,$   
 $(25\pi \cos((83\pi)/200) \cos((1117\pi)/25000))/8,$   
 $(25\pi \cos((33\pi)/80) \cos((447\pi)/10000))/8,$   
 $(25\pi \cos((41\pi)/100) \cos((559\pi)/12500))/8,$   
 $(25\pi \cos((163\pi)/400) \cos((2237\pi)/50000))/8,$   
 $(25\pi \cos((81\pi)/200) \cos((1119\pi)/25000))/8,$   
 $(25\pi \cos((161\pi)/400) \cos((2239\pi)/50000))/8, (25\pi \cos((28\pi)/625) * (5^{1/2})/4 -$   
 $1/4))/8, (25\pi \cos((159\pi)/400) \cos((2241\pi)/50000))/8,$   
 $(25\pi \cos((79\pi)/200) \cos((1121\pi)/25000))/8,$   
 $(25\pi \cos((157\pi)/400) \cos((2243\pi)/50000))/8,$   
 $(25\pi \cos((39\pi)/100) \cos((561\pi)/12500))/8,$   
 $(25\pi \cos((31\pi)/80) \cos((449\pi)/10000))/8,$   
 $(25\pi \cos((77\pi)/200) \cos((1123\pi)/25000))/8,$   
 $(25\pi \cos((153\pi)/400) \cos((2247\pi)/50000))/8,$   
 $(25\pi \cos((19\pi)/50) \cos((281\pi)/6250))/8,$   
 $(25\pi \cos((151\pi)/400) \cos((2249\pi)/50000))/8, (25\pi \cos((9\pi)/200) * (2 -$   
 $2^{1/2})^{1/2})/16, (25\pi \cos((149\pi)/400) \cos((2251\pi)/50000))/8,$   
 $(25\pi \cos((37\pi)/100) \cos((563\pi)/12500))/8,$   
 $(25\pi \cos((147\pi)/400) \cos((2253\pi)/50000))/8,$   
 $(25\pi \cos((73\pi)/200) \cos((1127\pi)/25000))/8,$   
 $(25\pi \cos((29\pi)/80) \cos((451\pi)/10000))/8,$   
 $(25\pi \cos((9\pi)/25) \cos((141\pi)/3125))/8,$   
 $(25\pi \cos((143\pi)/400) \cos((2257\pi)/50000))/8,$   
 $(25\pi \cos((71\pi)/200) \cos((1129\pi)/25000))/8,$   
 $(25\pi \cos((141\pi)/400) \cos((2259\pi)/50000))/8,$   
 $(25\pi \cos((7\pi)/20) \cos((113\pi)/2500))/8,$   
 $(25\pi \cos((139\pi)/400) \cos((2261\pi)/50000))/8,$   
 $(25\pi \cos((69\pi)/200) \cos((1131\pi)/25000))/8,$   
 $(25\pi \cos((137\pi)/400) \cos((2263\pi)/50000))/8,$   
 $(25\pi \cos((17\pi)/50) \cos((283\pi)/6250))/8,$   
 $(25\pi \cos((27\pi)/80) \cos((453\pi)/10000))/8,$   
 $(25\pi \cos((67\pi)/200) \cos((1133\pi)/25000))/8,$   
 $(25\pi \cos((133\pi)/400) \cos((2267\pi)/50000))/8,$   
 $(25\pi \cos((33\pi)/100) \cos((567\pi)/12500))/8,$   
 $(25\pi \cos((131\pi)/400) \cos((2269\pi)/50000))/8,$   
 $(25\pi \cos((13\pi)/40) \cos((227\pi)/5000))/8,$   
 $(25\pi \cos((129\pi)/400) \cos((2271\pi)/50000))/8,$   
 $(25\pi \cos((8\pi)/25) \cos((142\pi)/3125))/8,$   
 $(25\pi \cos((127\pi)/400) \cos((2273\pi)/50000))/8,$   
 $(25\pi \cos((63\pi)/200) \cos((1137\pi)/25000))/8,$   
 $(25\pi \cos((5\pi)/16) \cos((91\pi)/2000))/8,$   
 $(25\pi \cos((31\pi)/100) \cos((569\pi)/12500))/8,$   
 $(25\pi \cos((123\pi)/400) \cos((2277\pi)/50000))/8,$



$(25\pi \cos((61\pi)/200) \cos((1139\pi)/25000))/8,$   
 $(25\pi \cos((121\pi)/400) \cos((2279\pi)/50000))/8, (25 \cdot 2^{(1/2)} \pi \cos((57\pi)/1250) \cdot (5$   
 $- 5^{(1/2)})^{(1/2)})/32, (25\pi \cos((119\pi)/400) \cos((2281\pi)/50000))/8,$   
 $(25\pi \cos((59\pi)/200) \cos((1141\pi)/25000))/8,$   
 $(25\pi \cos((117\pi)/400) \cos((2283\pi)/50000))/8,$   
 $(25\pi \cos((29\pi)/100) \cos((571\pi)/12500))/8,$   
 $(25\pi \cos((23\pi)/80) \cos((457\pi)/10000))/8,$   
 $(25\pi \cos((57\pi)/200) \cos((1143\pi)/25000))/8,$   
 $(25\pi \cos((113\pi)/400) \cos((2287\pi)/50000))/8,$   
 $(25\pi \cos((7\pi)/25) \cos((143\pi)/3125))/8,$   
 $(25\pi \cos((111\pi)/400) \cos((2289\pi)/50000))/8,$   
 $(25\pi \cos((11\pi)/40) \cos((229\pi)/5000))/8,$   
 $(25\pi \cos((109\pi)/400) \cos((2291\pi)/50000))/8,$   
 $(25\pi \cos((27\pi)/100) \cos((573\pi)/12500))/8,$   
 $(25\pi \cos((107\pi)/400) \cos((2293\pi)/50000))/8,$   
 $(25\pi \cos((53\pi)/200) \cos((1147\pi)/25000))/8,$   
 $(25\pi \cos((21\pi)/80) \cos((459\pi)/10000))/8,$   
 $(25\pi \cos((13\pi)/50) \cos((287\pi)/6250))/8,$   
 $(25\pi \cos((103\pi)/400) \cos((2297\pi)/50000))/8,$   
 $(25\pi \cos((51\pi)/200) \cos((1149\pi)/25000))/8,$   
 $(25\pi \cos((101\pi)/400) \cos((2299\pi)/50000))/8, (25 \cdot 2^{(1/2)} \pi \cos((23\pi)/500))/16,$   
 $(25\pi \cos((99\pi)/400) \cos((2301\pi)/50000))/8,$   
 $(25\pi \cos((49\pi)/200) \cos((1151\pi)/25000))/8,$   
 $(25\pi \cos((97\pi)/400) \cos((2303\pi)/50000))/8,$   
 $(25\pi \cos((6\pi)/25) \cos((144\pi)/3125))/8,$   
 $(25\pi \cos((19\pi)/80) \cos((461\pi)/10000))/8,$   
 $(25\pi \cos((47\pi)/200) \cos((1153\pi)/25000))/8,$   
 $(25\pi \cos((93\pi)/400) \cos((2307\pi)/50000))/8,$   
 $(25\pi \cos((23\pi)/100) \cos((577\pi)/12500))/8,$   
 $(25\pi \cos((91\pi)/400) \cos((2309\pi)/50000))/8,$   
 $(25\pi \cos((9\pi)/40) \cos((231\pi)/5000))/8,$   
 $(25\pi \cos((89\pi)/400) \cos((2311\pi)/50000))/8,$   
 $(25\pi \cos((11\pi)/50) \cos((289\pi)/6250))/8,$   
 $(25\pi \cos((87\pi)/400) \cos((2313\pi)/50000))/8,$   
 $(25\pi \cos((43\pi)/200) \cos((1157\pi)/25000))/8,$   
 $(25\pi \cos((17\pi)/80) \cos((463\pi)/10000))/8,$   
 $(25\pi \cos((21\pi)/100) \cos((579\pi)/12500))/8,$   
 $(25\pi \cos((83\pi)/400) \cos((2317\pi)/50000))/8,$   
 $(25\pi \cos((41\pi)/200) \cos((1159\pi)/25000))/8,$   
 $(25\pi \cos((81\pi)/400) \cos((2319\pi)/50000))/8, (25\pi \cos((29\pi)/625) \cdot (5^{(1/2)}/4 +$   
 $1/4))/8, (25\pi \cos((79\pi)/400) \cos((2321\pi)/50000))/8,$   
 $(25\pi \cos((39\pi)/200) \cos((1161\pi)/25000))/8,$   
 $(25\pi \cos((77\pi)/400) \cos((2323\pi)/50000))/8,$   
 $(25\pi \cos((19\pi)/100) \cos((581\pi)/12500))/8,$   
 $(25\pi \cos((3\pi)/16) \cos((93\pi)/2000))/8,$   
 $(25\pi \cos((37\pi)/200) \cos((1163\pi)/25000))/8,$   
 $(25\pi \cos((73\pi)/400) \cos((2327\pi)/50000))/8,$   
 $(25\pi \cos((9\pi)/50) \cos((291\pi)/6250))/8,$   
 $(25\pi \cos((71\pi)/400) \cos((2329\pi)/50000))/8,$   
 $(25\pi \cos((7\pi)/40) \cos((233\pi)/5000))/8,$   
 $(25\pi \cos((69\pi)/400) \cos((2331\pi)/50000))/8,$

$(25\pi \cos((17\pi)/100) \cos((583\pi)/12500))/8,$   
 $(25\pi \cos((67\pi)/400) \cos((2333\pi)/50000))/8,$   
 $(25\pi \cos((33\pi)/200) \cos((1167\pi)/25000))/8,$   
 $(25\pi \cos((13\pi)/80) \cos((467\pi)/10000))/8,$   
 $(25\pi \cos((4\pi)/25) \cos((146\pi)/3125))/8,$   
 $(25\pi \cos((63\pi)/400) \cos((2337\pi)/50000))/8,$   
 $(25\pi \cos((31\pi)/200) \cos((1169\pi)/25000))/8,$   
 $(25\pi \cos((61\pi)/400) \cos((2339\pi)/50000))/8,$   
 $(25\pi \cos((3\pi)/20) \cos((117\pi)/2500))/8,$   
 $(25\pi \cos((59\pi)/400) \cos((2341\pi)/50000))/8,$   
 $(25\pi \cos((29\pi)/200) \cos((1171\pi)/25000))/8,$   
 $(25\pi \cos((57\pi)/400) \cos((2343\pi)/50000))/8,$   
 $(25\pi \cos((7\pi)/50) \cos((293\pi)/6250))/8,$   
 $(25\pi \cos((11\pi)/80) \cos((469\pi)/10000))/8,$   
 $(25\pi \cos((27\pi)/200) \cos((1173\pi)/25000))/8,$   
 $(25\pi \cos((53\pi)/400) \cos((2347\pi)/50000))/8,$   
 $(25\pi \cos((13\pi)/100) \cos((587\pi)/12500))/8,$   
 $(25\pi \cos((51\pi)/400) \cos((2349\pi)/50000))/8, (25\pi \cos((47\pi)/1000) * (2^{(1/2)} + 2)^{(1/2)})/16, (25\pi \cos((49\pi)/400) \cos((2351\pi)/50000))/8,$   
 $(25\pi \cos((3\pi)/25) \cos((147\pi)/3125))/8,$   
 $(25\pi \cos((47\pi)/400) \cos((2353\pi)/50000))/8,$   
 $(25\pi \cos((23\pi)/200) \cos((1177\pi)/25000))/8,$   
 $(25\pi \cos((9\pi)/80) \cos((471\pi)/10000))/8,$   
 $(25\pi \cos((11\pi)/100) \cos((589\pi)/12500))/8,$   
 $(25\pi \cos((43\pi)/400) \cos((2357\pi)/50000))/8,$   
 $(25\pi \cos((21\pi)/200) \cos((1179\pi)/25000))/8,$   
 $(25\pi \cos((41\pi)/400) \cos((2359\pi)/50000))/8,$   
 $(25 * 2^{(1/2)} * \pi \cos((59\pi)/1250) * (5^{(1/2)} + 5)^{(1/2)})/32,$   
 $(25\pi \cos((39\pi)/400) \cos((2361\pi)/50000))/8,$   
 $(25\pi \cos((19\pi)/200) \cos((1181\pi)/25000))/8,$   
 $(25\pi \cos((37\pi)/400) \cos((2363\pi)/50000))/8,$   
 $(25\pi \cos((9\pi)/100) \cos((591\pi)/12500))/8,$   
 $(25\pi \cos((7\pi)/80) \cos((473\pi)/10000))/8,$   
 $(25\pi \cos((17\pi)/200) \cos((1183\pi)/25000))/8,$   
 $(25\pi \cos((33\pi)/400) \cos((2367\pi)/50000))/8,$   
 $(25\pi \cos((2\pi)/25) \cos((148\pi)/3125))/8,$   
 $(25\pi \cos((31\pi)/400) \cos((2369\pi)/50000))/8,$   
 $(25\pi \cos((3\pi)/40) \cos((237\pi)/5000))/8,$   
 $(25\pi \cos((29\pi)/400) \cos((2371\pi)/50000))/8,$   
 $(25\pi \cos((7\pi)/100) \cos((593\pi)/12500))/8,$   
 $(25\pi \cos((27\pi)/400) \cos((2373\pi)/50000))/8,$   
 $(25\pi \cos((13\pi)/200) \cos((1187\pi)/25000))/8,$   
 $(25\pi \cos(\pi/16) \cos((19\pi)/400))/8, (25\pi \cos((3\pi)/50) \cos((297\pi)/6250))/8,$   
 $(25\pi \cos((23\pi)/400) \cos((2377\pi)/50000))/8,$   
 $(25\pi \cos((11\pi)/200) \cos((1189\pi)/25000))/8,$   
 $(25\pi \cos((21\pi)/400) \cos((2379\pi)/50000))/8,$   
 $(25\pi \cos(\pi/20) \cos((119\pi)/2500))/8,$   
 $(25\pi \cos((19\pi)/400) \cos((2381\pi)/50000))/8,$   
 $(25\pi \cos((9\pi)/200) \cos((1191\pi)/25000))/8,$   
 $(25\pi \cos((17\pi)/400) \cos((2383\pi)/50000))/8,$   
 $(25\pi \cos(\pi/25) \cos((149\pi)/3125))/8, (25\pi \cos((3\pi)/80) \cos((477\pi)/10000))/8,$

$(25\pi \cos((7\pi)/200) \cos((1193\pi)/25000))/8,$   
 $(25\pi \cos((13\pi)/400) \cos((2387\pi)/50000))/8,$   
 $(25\pi \cos((3\pi)/100) \cos((597\pi)/12500))/8,$   
 $(25\pi \cos((11\pi)/400) \cos((2389\pi)/50000))/8,$   
 $(25\pi \cos(\pi/40) \cos((239\pi)/5000))/8,$   
 $(25\pi \cos((9\pi)/400) \cos((2391\pi)/50000))/8,$   
 $(25\pi \cos(\pi/50) \cos((299\pi)/6250))/8,$   
 $(25\pi \cos((7\pi)/400) \cos((2393\pi)/50000))/8,$   
 $(25\pi \cos((3\pi)/200) \cos((1197\pi)/25000))/8,$   
 $(25\pi \cos(\pi/80) \cos((479\pi)/10000))/8, (25\pi \cos(\pi/100) \cos((599\pi)/12500))/8,$   
 $(25\pi \cos((3\pi)/400) \cos((2397\pi)/50000))/8,$   
 $(25\pi \cos(\pi/200) \cos((1199\pi)/25000))/8,$   
 $(25\pi \cos(\pi/400) \cos((2399\pi)/50000))/8, (25\pi \cos((6\pi)/125))/8,$   
 $(25\pi \cos(\pi/400) \cos((2401\pi)/50000))/8,$   
 $(25\pi \cos(\pi/200) \cos((1201\pi)/25000))/8,$   
 $(25\pi \cos((3\pi)/400) \cos((2403\pi)/50000))/8,$   
 $(25\pi \cos(\pi/100) \cos((601\pi)/12500))/8, (25\pi \cos(\pi/80) \cos((481\pi)/10000))/8,$   
 $(25\pi \cos((3\pi)/200) \cos((1203\pi)/25000))/8,$   
 $(25\pi \cos((7\pi)/400) \cos((2407\pi)/50000))/8,$   
 $(25\pi \cos(\pi/50) \cos((301\pi)/6250))/8,$   
 $(25\pi \cos((9\pi)/400) \cos((2409\pi)/50000))/8,$   
 $(25\pi \cos(\pi/40) \cos((241\pi)/5000))/8,$   
 $(25\pi \cos((11\pi)/400) \cos((2411\pi)/50000))/8,$   
 $(25\pi \cos((3\pi)/100) \cos((603\pi)/12500))/8,$   
 $(25\pi \cos((13\pi)/400) \cos((2413\pi)/50000))/8,$   
 $(25\pi \cos((7\pi)/200) \cos((1207\pi)/25000))/8,$   
 $(25\pi \cos((3\pi)/80) \cos((483\pi)/10000))/8, (25\pi \cos(\pi/25) \cos((151\pi)/3125))/8,$   
 $(25\pi \cos((17\pi)/400) \cos((2417\pi)/50000))/8,$   
 $(25\pi \cos((9\pi)/200) \cos((1209\pi)/25000))/8,$   
 $(25\pi \cos((19\pi)/400) \cos((2419\pi)/50000))/8,$   
 $(25\pi \cos(\pi/20) \cos((121\pi)/2500))/8,$   
 $(25\pi \cos((21\pi)/400) \cos((2421\pi)/50000))/8,$   
 $(25\pi \cos((11\pi)/200) \cos((1211\pi)/25000))/8,$   
 $(25\pi \cos((23\pi)/400) \cos((2423\pi)/50000))/8,$   
 $(25\pi \cos((3\pi)/50) \cos((303\pi)/6250))/8, (25\pi \cos(\pi/16) \cos((97\pi)/2000))/8,$   
 $(25\pi \cos((13\pi)/200) \cos((1213\pi)/25000))/8,$   
 $(25\pi \cos((27\pi)/400) \cos((2427\pi)/50000))/8,$   
 $(25\pi \cos((7\pi)/100) \cos((607\pi)/12500))/8,$   
 $(25\pi \cos((29\pi)/400) \cos((2429\pi)/50000))/8,$   
 $(25\pi \cos((3\pi)/40) \cos((243\pi)/5000))/8,$   
 $(25\pi \cos((31\pi)/400) \cos((2431\pi)/50000))/8,$   
 $(25\pi \cos((2\pi)/25) \cos((152\pi)/3125))/8,$   
 $(25\pi \cos((33\pi)/400) \cos((2433\pi)/50000))/8,$   
 $(25\pi \cos((17\pi)/200) \cos((1217\pi)/25000))/8,$   
 $(25\pi \cos((7\pi)/80) \cos((487\pi)/10000))/8,$   
 $(25\pi \cos((9\pi)/100) \cos((609\pi)/12500))/8,$   
 $(25\pi \cos((37\pi)/400) \cos((2437\pi)/50000))/8,$   
 $(25\pi \cos((19\pi)/200) \cos((1219\pi)/25000))/8,$   
 $(25\pi \cos((39\pi)/400) \cos((2439\pi)/50000))/8,$   
 $(25 \cdot 2^{(1/2)} \pi \cos((61\pi)/1250) \cdot (5^{(1/2)} + 5^{(1/2)}))/32,$   
 $(25\pi \cos((41\pi)/400) \cos((2441\pi)/50000))/8,$

$(25\pi \cos((21\pi)/200) \cos((1221\pi)/25000))/8,$   
 $(25\pi \cos((43\pi)/400) \cos((2443\pi)/50000))/8,$   
 $(25\pi \cos((11\pi)/100) \cos((611\pi)/12500))/8,$   
 $(25\pi \cos((9\pi)/80) \cos((489\pi)/10000))/8,$   
 $(25\pi \cos((23\pi)/200) \cos((1223\pi)/25000))/8,$   
 $(25\pi \cos((47\pi)/400) \cos((2447\pi)/50000))/8,$   
 $(25\pi \cos((3\pi)/25) \cos((153\pi)/3125))/8,$   
 $(25\pi \cos((49\pi)/400) \cos((2449\pi)/50000))/8, (25\pi \cos((49\pi)/1000) * (2^{(1/2)} + 2)^{(1/2)})/16, (25\pi \cos((51\pi)/400) \cos((2451\pi)/50000))/8,$   
 $(25\pi \cos((13\pi)/100) \cos((613\pi)/12500))/8,$   
 $(25\pi \cos((53\pi)/400) \cos((2453\pi)/50000))/8,$   
 $(25\pi \cos((27\pi)/200) \cos((1227\pi)/25000))/8,$   
 $(25\pi \cos((11\pi)/80) \cos((491\pi)/10000))/8,$   
 $(25\pi \cos((7\pi)/50) \cos((307\pi)/6250))/8,$   
 $(25\pi \cos((57\pi)/400) \cos((2457\pi)/50000))/8,$   
 $(25\pi \cos((29\pi)/200) \cos((1229\pi)/25000))/8,$   
 $(25\pi \cos((59\pi)/400) \cos((2459\pi)/50000))/8,$   
 $(25\pi \cos((3\pi)/20) \cos((123\pi)/2500))/8,$   
 $(25\pi \cos((61\pi)/400) \cos((2461\pi)/50000))/8,$   
 $(25\pi \cos((31\pi)/200) \cos((1231\pi)/25000))/8,$   
 $(25\pi \cos((63\pi)/400) \cos((2463\pi)/50000))/8,$   
 $(25\pi \cos((4\pi)/25) \cos((154\pi)/3125))/8,$   
 $(25\pi \cos((13\pi)/80) \cos((493\pi)/10000))/8,$   
 $(25\pi \cos((33\pi)/200) \cos((1233\pi)/25000))/8,$   
 $(25\pi \cos((67\pi)/400) \cos((2467\pi)/50000))/8,$   
 $(25\pi \cos((17\pi)/100) \cos((617\pi)/12500))/8,$   
 $(25\pi \cos((69\pi)/400) \cos((2469\pi)/50000))/8,$   
 $(25\pi \cos((7\pi)/40) \cos((247\pi)/5000))/8,$   
 $(25\pi \cos((71\pi)/400) \cos((2471\pi)/50000))/8,$   
 $(25\pi \cos((9\pi)/50) \cos((309\pi)/6250))/8,$   
 $(25\pi \cos((73\pi)/400) \cos((2473\pi)/50000))/8,$   
 $(25\pi \cos((37\pi)/200) \cos((1237\pi)/25000))/8,$   
 $(25\pi \cos((3\pi)/16) \cos((99\pi)/2000))/8,$   
 $(25\pi \cos((19\pi)/100) \cos((619\pi)/12500))/8,$   
 $(25\pi \cos((77\pi)/400) \cos((2477\pi)/50000))/8,$   
 $(25\pi \cos((39\pi)/200) \cos((1239\pi)/25000))/8,$   
 $(25\pi \cos((79\pi)/400) \cos((2479\pi)/50000))/8, (25\pi \cos((31\pi)/625) * (5^{(1/2)}/4 + 1/4))/8, (25\pi \cos((81\pi)/400) \cos((2481\pi)/50000))/8,$   
 $(25\pi \cos((41\pi)/200) \cos((1241\pi)/25000))/8,$   
 $(25\pi \cos((83\pi)/400) \cos((2483\pi)/50000))/8,$   
 $(25\pi \cos((21\pi)/100) \cos((621\pi)/12500))/8,$   
 $(25\pi \cos((17\pi)/80) \cos((497\pi)/10000))/8,$   
 $(25\pi \cos((43\pi)/200) \cos((1243\pi)/25000))/8,$   
 $(25\pi \cos((87\pi)/400) \cos((2487\pi)/50000))/8,$   
 $(25\pi \cos((11\pi)/50) \cos((311\pi)/6250))/8,$   
 $(25\pi \cos((89\pi)/400) \cos((2489\pi)/50000))/8,$   
 $(25\pi \cos((9\pi)/40) \cos((249\pi)/5000))/8,$   
 $(25\pi \cos((91\pi)/400) \cos((2491\pi)/50000))/8,$   
 $(25\pi \cos((23\pi)/100) \cos((623\pi)/12500))/8,$   
 $(25\pi \cos((93\pi)/400) \cos((2493\pi)/50000))/8,$   
 $(25\pi \cos((47\pi)/200) \cos((1247\pi)/25000))/8,$

$(25\pi \cos((19\pi)/80) \cos((499\pi)/10000))/8,$   
 $(25\pi \cos((6\pi)/25) \cos((156\pi)/3125))/8,$   
 $(25\pi \cos((97\pi)/400) \cos((2497\pi)/50000))/8,$   
 $(25\pi \cos((49\pi)/200) \cos((1249\pi)/25000))/8,$   
 $(25\pi \cos((99\pi)/400) \cos((2499\pi)/50000))/8, (25 \cdot 2^{(1/2)} \pi \cos(\pi/20))/16,$   
 $(25\pi \cos((101\pi)/400) \cos((2501\pi)/50000))/8,$   
 $(25\pi \cos((51\pi)/200) \cos((1251\pi)/25000))/8,$   
 $(25\pi \cos((103\pi)/400) \cos((2503\pi)/50000))/8,$   
 $(25\pi \cos((13\pi)/50) \cos((313\pi)/6250))/8,$   
 $(25\pi \cos((21\pi)/80) \cos((501\pi)/10000))/8,$   
 $(25\pi \cos((53\pi)/200) \cos((1253\pi)/25000))/8,$   
 $(25\pi \cos((107\pi)/400) \cos((2507\pi)/50000))/8,$   
 $(25\pi \cos((27\pi)/100) \cos((627\pi)/12500))/8,$   
 $(25\pi \cos((109\pi)/400) \cos((2509\pi)/50000))/8,$   
 $(25\pi \cos((11\pi)/40) \cos((251\pi)/5000))/8,$   
 $(25\pi \cos((111\pi)/400) \cos((2511\pi)/50000))/8,$   
 $(25\pi \cos((7\pi)/25) \cos((157\pi)/3125))/8,$   
 $(25\pi \cos((113\pi)/400) \cos((2513\pi)/50000))/8,$   
 $(25\pi \cos((57\pi)/200) \cos((1257\pi)/25000))/8,$   
 $(25\pi \cos((23\pi)/80) \cos((503\pi)/10000))/8,$   
 $(25\pi \cos((29\pi)/100) \cos((629\pi)/12500))/8,$   
 $(25\pi \cos((117\pi)/400) \cos((2517\pi)/50000))/8,$   
 $(25\pi \cos((59\pi)/200) \cos((1259\pi)/25000))/8,$   
 $(25\pi \cos((119\pi)/400) \cos((2519\pi)/50000))/8, (25 \cdot 2^{(1/2)} \pi \cos((63\pi)/1250) \cdot (5$   
 $- 5^{(1/2)})^{(1/2)})/32, (25\pi \cos((121\pi)/400) \cos((2521\pi)/50000))/8,$   
 $(25\pi \cos((61\pi)/200) \cos((1261\pi)/25000))/8,$   
 $(25\pi \cos((123\pi)/400) \cos((2523\pi)/50000))/8,$   
 $(25\pi \cos((31\pi)/100) \cos((631\pi)/12500))/8,$   
 $(25\pi \cos((5\pi)/16) \cos((101\pi)/2000))/8,$   
 $(25\pi \cos((63\pi)/200) \cos((1263\pi)/25000))/8,$   
 $(25\pi \cos((127\pi)/400) \cos((2527\pi)/50000))/8,$   
 $(25\pi \cos((8\pi)/25) \cos((158\pi)/3125))/8,$   
 $(25\pi \cos((129\pi)/400) \cos((2529\pi)/50000))/8,$   
 $(25\pi \cos((13\pi)/40) \cos((253\pi)/5000))/8,$   
 $(25\pi \cos((131\pi)/400) \cos((2531\pi)/50000))/8,$   
 $(25\pi \cos((33\pi)/100) \cos((633\pi)/12500))/8,$   
 $(25\pi \cos((133\pi)/400) \cos((2533\pi)/50000))/8,$   
 $(25\pi \cos((67\pi)/200) \cos((1267\pi)/25000))/8,$   
 $(25\pi \cos((27\pi)/80) \cos((507\pi)/10000))/8,$   
 $(25\pi \cos((17\pi)/50) \cos((317\pi)/6250))/8,$   
 $(25\pi \cos((137\pi)/400) \cos((2537\pi)/50000))/8,$   
 $(25\pi \cos((69\pi)/200) \cos((1269\pi)/25000))/8,$   
 $(25\pi \cos((139\pi)/400) \cos((2539\pi)/50000))/8,$   
 $(25\pi \cos((7\pi)/20) \cos((127\pi)/2500))/8,$   
 $(25\pi \cos((141\pi)/400) \cos((2541\pi)/50000))/8,$   
 $(25\pi \cos((71\pi)/200) \cos((1271\pi)/25000))/8,$   
 $(25\pi \cos((143\pi)/400) \cos((2543\pi)/50000))/8,$   
 $(25\pi \cos((9\pi)/25) \cos((159\pi)/3125))/8,$   
 $(25\pi \cos((29\pi)/80) \cos((509\pi)/10000))/8,$   
 $(25\pi \cos((73\pi)/200) \cos((1273\pi)/25000))/8,$   
 $(25\pi \cos((147\pi)/400) \cos((2547\pi)/50000))/8,$

$(25\pi \cos((37\pi)/100) \cos((637\pi)/12500))/8,$   
 $(25\pi \cos((149\pi)/400) \cos((2549\pi)/50000))/8, (25\pi \cos((51\pi)/1000) * (2 - 2^{(1/2)})^{(1/2)})/16, (25\pi \cos((151\pi)/400) \cos((2551\pi)/50000))/8,$   
 $(25\pi \cos((19\pi)/50) \cos((319\pi)/6250))/8,$   
 $(25\pi \cos((153\pi)/400) \cos((2553\pi)/50000))/8,$   
 $(25\pi \cos((77\pi)/200) \cos((1277\pi)/25000))/8,$   
 $(25\pi \cos((31\pi)/80) \cos((511\pi)/10000))/8,$   
 $(25\pi \cos((39\pi)/100) \cos((639\pi)/12500))/8,$   
 $(25\pi \cos((157\pi)/400) \cos((2557\pi)/50000))/8,$   
 $(25\pi \cos((79\pi)/200) \cos((1279\pi)/25000))/8,$   
 $(25\pi \cos((159\pi)/400) \cos((2559\pi)/50000))/8, (25\pi \cos((32\pi)/625) * (5^{(1/2)}/4 - 1/4))/8, (25\pi \cos((161\pi)/400) \cos((2561\pi)/50000))/8,$   
 $(25\pi \cos((81\pi)/200) \cos((1281\pi)/25000))/8,$   
 $(25\pi \cos((163\pi)/400) \cos((2563\pi)/50000))/8,$   
 $(25\pi \cos((41\pi)/100) \cos((641\pi)/12500))/8,$   
 $(25\pi \cos((33\pi)/80) \cos((513\pi)/10000))/8,$   
 $(25\pi \cos((83\pi)/200) \cos((1283\pi)/25000))/8,$   
 $(25\pi \cos((167\pi)/400) \cos((2567\pi)/50000))/8,$   
 $(25\pi \cos((21\pi)/50) \cos((321\pi)/6250))/8,$   
 $(25\pi \cos((169\pi)/400) \cos((2569\pi)/50000))/8,$   
 $(25\pi \cos((17\pi)/40) \cos((257\pi)/5000))/8,$   
 $(25\pi \cos((171\pi)/400) \cos((2571\pi)/50000))/8,$   
 $(25\pi \cos((43\pi)/100) \cos((643\pi)/12500))/8,$   
 $(25\pi \cos((173\pi)/400) \cos((2573\pi)/50000))/8,$   
 $(25\pi \cos((87\pi)/200) \cos((1287\pi)/25000))/8,$   
 $(25\pi \cos((7\pi)/16) \cos((103\pi)/2000))/8,$   
 $(25\pi \cos((11\pi)/25) \cos((161\pi)/3125))/8,$   
 $(25\pi \cos((177\pi)/400) \cos((2577\pi)/50000))/8,$   
 $(25\pi \cos((89\pi)/200) \cos((1289\pi)/25000))/8,$   
 $(25\pi \cos((179\pi)/400) \cos((2579\pi)/50000))/8,$   
 $(25\pi \cos((9\pi)/20) \cos((129\pi)/2500))/8,$   
 $(25\pi \cos((181\pi)/400) \cos((2581\pi)/50000))/8,$   
 $(25\pi \cos((91\pi)/200) \cos((1291\pi)/25000))/8,$   
 $(25\pi \cos((183\pi)/400) \cos((2583\pi)/50000))/8,$   
 $(25\pi \cos((23\pi)/50) \cos((323\pi)/6250))/8,$   
 $(25\pi \cos((37\pi)/80) \cos((517\pi)/10000))/8,$   
 $(25\pi \cos((93\pi)/200) \cos((1293\pi)/25000))/8,$   
 $(25\pi \cos((187\pi)/400) \cos((2587\pi)/50000))/8,$   
 $(25\pi \cos((47\pi)/100) \cos((647\pi)/12500))/8,$   
 $(25\pi \cos((189\pi)/400) \cos((2589\pi)/50000))/8,$   
 $(25\pi \cos((19\pi)/40) \cos((259\pi)/5000))/8,$   
 $(25\pi \cos((191\pi)/400) \cos((2591\pi)/50000))/8,$   
 $(25\pi \cos((12\pi)/25) \cos((162\pi)/3125))/8,$   
 $(25\pi \cos((193\pi)/400) \cos((2593\pi)/50000))/8,$   
 $(25\pi \cos((97\pi)/200) \cos((1297\pi)/25000))/8,$   
 $(25\pi \cos((39\pi)/80) \cos((519\pi)/10000))/8,$   
 $(25\pi \cos((49\pi)/100) \cos((649\pi)/12500))/8,$   
 $(25\pi \cos((197\pi)/400) \cos((2597\pi)/50000))/8,$   
 $(25\pi \cos((99\pi)/200) \cos((1299\pi)/25000))/8,$   
 $(25\pi \cos((199\pi)/400) \cos((2599\pi)/50000))/8, 0, -$   
 $(25\pi \cos((199\pi)/400) \cos((2601\pi)/50000))/8, -$

$(25\pi \cos((99\pi)/200) \cos((1301\pi)/25000))/8, -$   
 $(25\pi \cos((197\pi)/400) \cos((2603\pi)/50000))/8, -$   
 $(25\pi \cos((49\pi)/100) \cos((651\pi)/12500))/8, -$   
 $(25\pi \cos((39\pi)/80) \cos((521\pi)/10000))/8, -$   
 $(25\pi \cos((97\pi)/200) \cos((1303\pi)/25000))/8, -$   
 $(25\pi \cos((193\pi)/400) \cos((2607\pi)/50000))/8, -$   
 $(25\pi \cos((12\pi)/25) \cos((163\pi)/3125))/8, -$   
 $(25\pi \cos((191\pi)/400) \cos((2609\pi)/50000))/8, -$   
 $(25\pi \cos((19\pi)/40) \cos((261\pi)/5000))/8, -$   
 $(25\pi \cos((189\pi)/400) \cos((2611\pi)/50000))/8, -$   
 $(25\pi \cos((47\pi)/100) \cos((653\pi)/12500))/8, -$   
 $(25\pi \cos((187\pi)/400) \cos((2613\pi)/50000))/8, -$   
 $(25\pi \cos((93\pi)/200) \cos((1307\pi)/25000))/8, -$   
 $(25\pi \cos((37\pi)/80) \cos((523\pi)/10000))/8, -$   
 $(25\pi \cos((23\pi)/50) \cos((327\pi)/6250))/8, -$   
 $(25\pi \cos((183\pi)/400) \cos((2617\pi)/50000))/8, -$   
 $(25\pi \cos((91\pi)/200) \cos((1309\pi)/25000))/8, -$   
 $(25\pi \cos((181\pi)/400) \cos((2619\pi)/50000))/8, -$   
 $(25\pi \cos((9\pi)/20) \cos((131\pi)/2500))/8, -$   
 $(25\pi \cos((179\pi)/400) \cos((2621\pi)/50000))/8, -$   
 $(25\pi \cos((89\pi)/200) \cos((1311\pi)/25000))/8, -$   
 $(25\pi \cos((177\pi)/400) \cos((2623\pi)/50000))/8, -$   
 $(25\pi \cos((11\pi)/25) \cos((164\pi)/3125))/8, -$   
 $(25\pi \cos((7\pi)/16) \cos((21\pi)/400))/8, -$   
 $(25\pi \cos((87\pi)/200) \cos((1313\pi)/25000))/8, -$   
 $(25\pi \cos((173\pi)/400) \cos((2627\pi)/50000))/8, -$   
 $(25\pi \cos((43\pi)/100) \cos((657\pi)/12500))/8, -$   
 $(25\pi \cos((171\pi)/400) \cos((2629\pi)/50000))/8, -$   
 $(25\pi \cos((17\pi)/40) \cos((263\pi)/5000))/8, -$   
 $(25\pi \cos((169\pi)/400) \cos((2631\pi)/50000))/8, -$   
 $(25\pi \cos((21\pi)/50) \cos((329\pi)/6250))/8, -$   
 $(25\pi \cos((167\pi)/400) \cos((2633\pi)/50000))/8, -$   
 $(25\pi \cos((83\pi)/200) \cos((1317\pi)/25000))/8, -$   
 $(25\pi \cos((33\pi)/80) \cos((527\pi)/10000))/8, -$   
 $(25\pi \cos((41\pi)/100) \cos((659\pi)/12500))/8, -$   
 $(25\pi \cos((163\pi)/400) \cos((2637\pi)/50000))/8, -$   
 $(25\pi \cos((81\pi)/200) \cos((1319\pi)/25000))/8, -$   
 $(25\pi \cos((161\pi)/400) \cos((2639\pi)/50000))/8, - (25\pi \cos((33\pi)/625) * (5^{1/2}/4 - 1/4))/8, -$   
 $(25\pi \cos((159\pi)/400) \cos((2641\pi)/50000))/8, -$   
 $(25\pi \cos((79\pi)/200) \cos((1321\pi)/25000))/8, -$   
 $(25\pi \cos((157\pi)/400) \cos((2643\pi)/50000))/8, -$   
 $(25\pi \cos((39\pi)/100) \cos((661\pi)/12500))/8, -$   
 $(25\pi \cos((31\pi)/80) \cos((529\pi)/10000))/8, -$   
 $(25\pi \cos((77\pi)/200) \cos((1323\pi)/25000))/8, -$   
 $(25\pi \cos((153\pi)/400) \cos((2647\pi)/50000))/8, -$   
 $(25\pi \cos((19\pi)/50) \cos((331\pi)/6250))/8, -$   
 $(25\pi \cos((151\pi)/400) \cos((2649\pi)/50000))/8, - (25\pi \cos((53\pi)/1000) * (2 - 2^{1/2})^{1/2})/16, -$   
 $(25\pi \cos((149\pi)/400) \cos((2651\pi)/50000))/8, -$   
 $(25\pi \cos((37\pi)/100) \cos((663\pi)/12500))/8, -$   
 $(25\pi \cos((147\pi)/400) \cos((2653\pi)/50000))/8, -$   
 $(25\pi \cos((73\pi)/200) \cos((1327\pi)/25000))/8, -$

$(25\pi \cos((29\pi)/80) \cos((531\pi)/10000))/8, -$   
 $(25\pi \cos((9\pi)/25) \cos((166\pi)/3125))/8, -$   
 $(25\pi \cos((143\pi)/400) \cos((2657\pi)/50000))/8, -$   
 $(25\pi \cos((71\pi)/200) \cos((1329\pi)/25000))/8, -$   
 $(25\pi \cos((141\pi)/400) \cos((2659\pi)/50000))/8, -$   
 $(25\pi \cos((7\pi)/20) \cos((133\pi)/2500))/8, -$   
 $(25\pi \cos((139\pi)/400) \cos((2661\pi)/50000))/8, -$   
 $(25\pi \cos((69\pi)/200) \cos((1331\pi)/25000))/8, -$   
 $(25\pi \cos((137\pi)/400) \cos((2663\pi)/50000))/8, -$   
 $(25\pi \cos((17\pi)/50) \cos((333\pi)/6250))/8, -$   
 $(25\pi \cos((27\pi)/80) \cos((533\pi)/10000))/8, -$   
 $(25\pi \cos((67\pi)/200) \cos((1333\pi)/25000))/8, -$   
 $(25\pi \cos((133\pi)/400) \cos((2667\pi)/50000))/8, -$   
 $(25\pi \cos((33\pi)/100) \cos((667\pi)/12500))/8, -$   
 $(25\pi \cos((131\pi)/400) \cos((2669\pi)/50000))/8, -$   
 $(25\pi \cos((13\pi)/40) \cos((267\pi)/5000))/8, -$   
 $(25\pi \cos((129\pi)/400) \cos((2671\pi)/50000))/8, -$   
 $(25\pi \cos((8\pi)/25) \cos((167\pi)/3125))/8, -$   
 $(25\pi \cos((127\pi)/400) \cos((2673\pi)/50000))/8, -$   
 $(25\pi \cos((63\pi)/200) \cos((1337\pi)/25000))/8, -$   
 $(25\pi \cos((5\pi)/16) \cos((107\pi)/2000))/8, -$   
 $(25\pi \cos((31\pi)/100) \cos((669\pi)/12500))/8, -$   
 $(25\pi \cos((123\pi)/400) \cos((2677\pi)/50000))/8, -$   
 $(25\pi \cos((61\pi)/200) \cos((1339\pi)/25000))/8, -$   
 $(25\pi \cos((121\pi)/400) \cos((2679\pi)/50000))/8, - (25 \cdot 2^{(1/2)} \pi \cos((67\pi)/1250) \cdot (5$   
 $- 5^{(1/2)})^{(1/2)})/32, - (25\pi \cos((119\pi)/400) \cos((2681\pi)/50000))/8, -$   
 $(25\pi \cos((59\pi)/200) \cos((1341\pi)/25000))/8, -$   
 $(25\pi \cos((117\pi)/400) \cos((2683\pi)/50000))/8, -$   
 $(25\pi \cos((29\pi)/100) \cos((671\pi)/12500))/8, -$   
 $(25\pi \cos((23\pi)/80) \cos((537\pi)/10000))/8, -$   
 $(25\pi \cos((57\pi)/200) \cos((1343\pi)/25000))/8, -$   
 $(25\pi \cos((113\pi)/400) \cos((2687\pi)/50000))/8, -$   
 $(25\pi \cos((7\pi)/25) \cos((168\pi)/3125))/8, -$   
 $(25\pi \cos((111\pi)/400) \cos((2689\pi)/50000))/8, -$   
 $(25\pi \cos((11\pi)/40) \cos((269\pi)/5000))/8, -$   
 $(25\pi \cos((109\pi)/400) \cos((2691\pi)/50000))/8, -$   
 $(25\pi \cos((27\pi)/100) \cos((673\pi)/12500))/8, -$   
 $(25\pi \cos((107\pi)/400) \cos((2693\pi)/50000))/8, -$   
 $(25\pi \cos((53\pi)/200) \cos((1347\pi)/25000))/8, -$   
 $(25\pi \cos((21\pi)/80) \cos((539\pi)/10000))/8, -$   
 $(25\pi \cos((13\pi)/50) \cos((337\pi)/6250))/8, -$   
 $(25\pi \cos((103\pi)/400) \cos((2697\pi)/50000))/8, -$   
 $(25\pi \cos((51\pi)/200) \cos((1349\pi)/25000))/8, -$   
 $(25\pi \cos((101\pi)/400) \cos((2699\pi)/50000))/8, -$   
 $(25 \cdot 2^{(1/2)} \pi \cos((27\pi)/500))/16, - (25\pi \cos((99\pi)/400) \cos((2701\pi)/50000))/8,$   
 $- (25\pi \cos((49\pi)/200) \cos((1351\pi)/25000))/8, -$   
 $(25\pi \cos((97\pi)/400) \cos((2703\pi)/50000))/8, -$   
 $(25\pi \cos((6\pi)/25) \cos((169\pi)/3125))/8, -$   
 $(25\pi \cos((19\pi)/80) \cos((541\pi)/10000))/8, -$   
 $(25\pi \cos((47\pi)/200) \cos((1353\pi)/25000))/8, -$   
 $(25\pi \cos((93\pi)/400) \cos((2707\pi)/50000))/8, -$



$(25\pi \cos((23\pi)/100) \cos((677\pi)/12500))/8, -$   
 $(25\pi \cos((91\pi)/400) \cos((2709\pi)/50000))/8, -$   
 $(25\pi \cos((9\pi)/40) \cos((271\pi)/5000))/8, -$   
 $(25\pi \cos((89\pi)/400) \cos((2711\pi)/50000))/8, -$   
 $(25\pi \cos((11\pi)/50) \cos((339\pi)/6250))/8, -$   
 $(25\pi \cos((87\pi)/400) \cos((2713\pi)/50000))/8, -$   
 $(25\pi \cos((43\pi)/200) \cos((1357\pi)/25000))/8, -$   
 $(25\pi \cos((17\pi)/80) \cos((543\pi)/10000))/8, -$   
 $(25\pi \cos((21\pi)/100) \cos((679\pi)/12500))/8, -$   
 $(25\pi \cos((83\pi)/400) \cos((2717\pi)/50000))/8, -$   
 $(25\pi \cos((41\pi)/200) \cos((1359\pi)/25000))/8, -$   
 $(25\pi \cos((81\pi)/400) \cos((2719\pi)/50000))/8, - (25\pi \cos((34\pi)/625) * (5^{(1/2)}/4 + 1/4))/8, - (25\pi \cos((79\pi)/400) \cos((2721\pi)/50000))/8, -$   
 $(25\pi \cos((39\pi)/200) \cos((1361\pi)/25000))/8, -$   
 $(25\pi \cos((77\pi)/400) \cos((2723\pi)/50000))/8, -$   
 $(25\pi \cos((19\pi)/100) \cos((681\pi)/12500))/8, -$   
 $(25\pi \cos((3\pi)/16) \cos((109\pi)/2000))/8, -$   
 $(25\pi \cos((37\pi)/200) \cos((1363\pi)/25000))/8, -$   
 $(25\pi \cos((73\pi)/400) \cos((2727\pi)/50000))/8, -$   
 $(25\pi \cos((9\pi)/50) \cos((341\pi)/6250))/8, -$   
 $(25\pi \cos((71\pi)/400) \cos((2729\pi)/50000))/8, -$   
 $(25\pi \cos((7\pi)/40) \cos((273\pi)/5000))/8, -$   
 $(25\pi \cos((69\pi)/400) \cos((2731\pi)/50000))/8, -$   
 $(25\pi \cos((17\pi)/100) \cos((683\pi)/12500))/8, -$   
 $(25\pi \cos((67\pi)/400) \cos((2733\pi)/50000))/8, -$   
 $(25\pi \cos((33\pi)/200) \cos((1367\pi)/25000))/8, -$   
 $(25\pi \cos((13\pi)/80) \cos((547\pi)/10000))/8, -$   
 $(25\pi \cos((4\pi)/25) \cos((171\pi)/3125))/8, -$   
 $(25\pi \cos((63\pi)/400) \cos((2737\pi)/50000))/8, -$   
 $(25\pi \cos((31\pi)/200) \cos((1369\pi)/25000))/8, -$   
 $(25\pi \cos((61\pi)/400) \cos((2739\pi)/50000))/8, -$   
 $(25\pi \cos((3\pi)/20) \cos((137\pi)/2500))/8, -$   
 $(25\pi \cos((59\pi)/400) \cos((2741\pi)/50000))/8, -$   
 $(25\pi \cos((29\pi)/200) \cos((1371\pi)/25000))/8, -$   
 $(25\pi \cos((57\pi)/400) \cos((2743\pi)/50000))/8, -$   
 $(25\pi \cos((7\pi)/50) \cos((343\pi)/6250))/8, -$   
 $(25\pi \cos((11\pi)/80) \cos((549\pi)/10000))/8, -$   
 $(25\pi \cos((27\pi)/200) \cos((1373\pi)/25000))/8, -$   
 $(25\pi \cos((53\pi)/400) \cos((2747\pi)/50000))/8, -$   
 $(25\pi \cos((13\pi)/100) \cos((687\pi)/12500))/8, -$   
 $(25\pi \cos((51\pi)/400) \cos((2749\pi)/50000))/8, - (25\pi \cos((11\pi)/200) * (2^{(1/2)} + 2)^{(1/2)})/16, - (25\pi \cos((49\pi)/400) \cos((2751\pi)/50000))/8, -$   
 $(25\pi \cos((3\pi)/25) \cos((172\pi)/3125))/8, -$   
 $(25\pi \cos((47\pi)/400) \cos((2753\pi)/50000))/8, -$   
 $(25\pi \cos((23\pi)/200) \cos((1377\pi)/25000))/8, -$   
 $(25\pi \cos((9\pi)/80) \cos((551\pi)/10000))/8, -$   
 $(25\pi \cos((11\pi)/100) \cos((689\pi)/12500))/8, -$   
 $(25\pi \cos((43\pi)/400) \cos((2757\pi)/50000))/8, -$   
 $(25\pi \cos((21\pi)/200) \cos((1379\pi)/25000))/8, -$   
 $(25\pi \cos((41\pi)/400) \cos((2759\pi)/50000))/8, -$   
 $(25 * 2^{(1/2)} * \pi * \cos((69\pi)/1250) * (5^{(1/2)} + 5)^{(1/2)})/32, -$

$(25\pi \cos((39\pi)/400) \cos((2761\pi)/50000))/8, -$   
 $(25\pi \cos((19\pi)/200) \cos((1381\pi)/25000))/8, -$   
 $(25\pi \cos((37\pi)/400) \cos((2763\pi)/50000))/8, -$   
 $(25\pi \cos((9\pi)/100) \cos((691\pi)/12500))/8, -$   
 $(25\pi \cos((7\pi)/80) \cos((553\pi)/10000))/8, -$   
 $(25\pi \cos((17\pi)/200) \cos((1383\pi)/25000))/8, -$   
 $(25\pi \cos((33\pi)/400) \cos((2767\pi)/50000))/8, -$   
 $(25\pi \cos((2\pi)/25) \cos((173\pi)/3125))/8, -$   
 $(25\pi \cos((31\pi)/400) \cos((2769\pi)/50000))/8, -$   
 $(25\pi \cos((3\pi)/40) \cos((277\pi)/5000))/8, -$   
 $(25\pi \cos((29\pi)/400) \cos((2771\pi)/50000))/8, -$   
 $(25\pi \cos((7\pi)/100) \cos((693\pi)/12500))/8, -$   
 $(25\pi \cos((27\pi)/400) \cos((2773\pi)/50000))/8, -$   
 $(25\pi \cos((13\pi)/200) \cos((1387\pi)/25000))/8, -$   
 $(25\pi \cos(\pi/16) \cos((111\pi)/2000))/8, - (25\pi \cos((3\pi)/50) \cos((347\pi)/6250))/8,$   
 $- (25\pi \cos((23\pi)/400) \cos((2777\pi)/50000))/8, -$   
 $(25\pi \cos((11\pi)/200) \cos((1389\pi)/25000))/8, -$   
 $(25\pi \cos((21\pi)/400) \cos((2779\pi)/50000))/8, -$   
 $(25\pi \cos(\pi/20) \cos((139\pi)/2500))/8, -$   
 $(25\pi \cos((19\pi)/400) \cos((2781\pi)/50000))/8, -$   
 $(25\pi \cos((9\pi)/200) \cos((1391\pi)/25000))/8, -$   
 $(25\pi \cos((17\pi)/400) \cos((2783\pi)/50000))/8, -$   
 $(25\pi \cos(\pi/25) \cos((174\pi)/3125))/8, -$   
 $(25\pi \cos((3\pi)/80) \cos((557\pi)/10000))/8, -$   
 $(25\pi \cos((7\pi)/200) \cos((1393\pi)/25000))/8, -$   
 $(25\pi \cos((13\pi)/400) \cos((2787\pi)/50000))/8, -$   
 $(25\pi \cos((3\pi)/100) \cos((697\pi)/12500))/8, -$   
 $(25\pi \cos((11\pi)/400) \cos((2789\pi)/50000))/8, -$   
 $(25\pi \cos(\pi/40) \cos((279\pi)/5000))/8, -$   
 $(25\pi \cos((9\pi)/400) \cos((2791\pi)/50000))/8, -$   
 $(25\pi \cos(\pi/50) \cos((349\pi)/6250))/8, -$   
 $(25\pi \cos((7\pi)/400) \cos((2793\pi)/50000))/8, -$   
 $(25\pi \cos((3\pi)/200) \cos((1397\pi)/25000))/8, -$   
 $(25\pi \cos(\pi/80) \cos((559\pi)/10000))/8, - (25\pi \cos(\pi/100) \cos((699\pi)/12500))/8,$   
 $- (25\pi \cos((3\pi)/400) \cos((2797\pi)/50000))/8, -$   
 $(25\pi \cos(\pi/200) \cos((1399\pi)/25000))/8, -$   
 $(25\pi \cos(\pi/400) \cos((2799\pi)/50000))/8, - (25\pi \cos((7\pi)/125))/8, -$   
 $(25\pi \cos(\pi/400) \cos((2801\pi)/50000))/8, -$   
 $(25\pi \cos(\pi/200) \cos((1401\pi)/25000))/8, -$   
 $(25\pi \cos((3\pi)/400) \cos((2803\pi)/50000))/8, -$   
 $(25\pi \cos(\pi/100) \cos((701\pi)/12500))/8, - (25\pi \cos(\pi/80) \cos((561\pi)/10000))/8,$   
 $- (25\pi \cos((3\pi)/200) \cos((1403\pi)/25000))/8, -$   
 $(25\pi \cos((7\pi)/400) \cos((2807\pi)/50000))/8, -$   
 $(25\pi \cos(\pi/50) \cos((351\pi)/6250))/8, -$   
 $(25\pi \cos((9\pi)/400) \cos((2809\pi)/50000))/8, -$   
 $(25\pi \cos(\pi/40) \cos((281\pi)/5000))/8, -$   
 $(25\pi \cos((11\pi)/400) \cos((2811\pi)/50000))/8, -$   
 $(25\pi \cos((3\pi)/100) \cos((703\pi)/12500))/8, -$   
 $(25\pi \cos((13\pi)/400) \cos((2813\pi)/50000))/8, -$   
 $(25\pi \cos((7\pi)/200) \cos((1407\pi)/25000))/8, -$   
 $(25\pi \cos((3\pi)/80) \cos((563\pi)/10000))/8, -$

$(25\pi \cos(\pi/25) \cos((176\pi)/3125))/8, -$   
 $(25\pi \cos((17\pi)/400) \cos((2817\pi)/50000))/8, -$   
 $(25\pi \cos((9\pi)/200) \cos((1409\pi)/25000))/8, -$   
 $(25\pi \cos((19\pi)/400) \cos((2819\pi)/50000))/8, -$   
 $(25\pi \cos(\pi/20) \cos((141\pi)/2500))/8, -$   
 $(25\pi \cos((21\pi)/400) \cos((2821\pi)/50000))/8, -$   
 $(25\pi \cos((11\pi)/200) \cos((1411\pi)/25000))/8, -$   
 $(25\pi \cos((23\pi)/400) \cos((2823\pi)/50000))/8, -$   
 $(25\pi \cos((3\pi)/50) \cos((353\pi)/6250))/8, - (25\pi \cos(\pi/16) \cos((113\pi)/2000))/8,$   
 $- (25\pi \cos((13\pi)/200) \cos((1413\pi)/25000))/8, -$   
 $(25\pi \cos((27\pi)/400) \cos((2827\pi)/50000))/8, -$   
 $(25\pi \cos((7\pi)/100) \cos((707\pi)/12500))/8, -$   
 $(25\pi \cos((29\pi)/400) \cos((2829\pi)/50000))/8, -$   
 $(25\pi \cos((3\pi)/40) \cos((283\pi)/5000))/8, -$   
 $(25\pi \cos((31\pi)/400) \cos((2831\pi)/50000))/8, -$   
 $(25\pi \cos((2\pi)/25) \cos((177\pi)/3125))/8, -$   
 $(25\pi \cos((33\pi)/400) \cos((2833\pi)/50000))/8, -$   
 $(25\pi \cos((17\pi)/200) \cos((1417\pi)/25000))/8, -$   
 $(25\pi \cos((7\pi)/80) \cos((567\pi)/10000))/8, -$   
 $(25\pi \cos((9\pi)/100) \cos((709\pi)/12500))/8, -$   
 $(25\pi \cos((37\pi)/400) \cos((2837\pi)/50000))/8, -$   
 $(25\pi \cos((19\pi)/200) \cos((1419\pi)/25000))/8, -$   
 $(25\pi \cos((39\pi)/400) \cos((2839\pi)/50000))/8, -$   
 $(25 \cdot 2^{(1/2)} \pi \cos((71\pi)/1250) \cdot (5^{(1/2)} + 5^{(1/2)})/32, -$   
 $(25\pi \cos((41\pi)/400) \cos((2841\pi)/50000))/8, -$   
 $(25\pi \cos((21\pi)/200) \cos((1421\pi)/25000))/8, -$   
 $(25\pi \cos((43\pi)/400) \cos((2843\pi)/50000))/8, -$   
 $(25\pi \cos((11\pi)/100) \cos((711\pi)/12500))/8, -$   
 $(25\pi \cos((9\pi)/80) \cos((569\pi)/10000))/8, -$   
 $(25\pi \cos((23\pi)/200) \cos((1423\pi)/25000))/8, -$   
 $(25\pi \cos((47\pi)/400) \cos((2847\pi)/50000))/8, -$   
 $(25\pi \cos((3\pi)/25) \cos((178\pi)/3125))/8, -$   
 $(25\pi \cos((49\pi)/400) \cos((2849\pi)/50000))/8, - (25\pi \cos((57\pi)/1000) \cdot (2^{(1/2)} +$   
 $2^{(1/2)})/16, - (25\pi \cos((51\pi)/400) \cos((2851\pi)/50000))/8, -$   
 $(25\pi \cos((13\pi)/100) \cos((713\pi)/12500))/8, -$   
 $(25\pi \cos((53\pi)/400) \cos((2853\pi)/50000))/8, -$   
 $(25\pi \cos((27\pi)/200) \cos((1427\pi)/25000))/8, -$   
 $(25\pi \cos((11\pi)/80) \cos((571\pi)/10000))/8, -$   
 $(25\pi \cos((7\pi)/50) \cos((357\pi)/6250))/8, -$   
 $(25\pi \cos((57\pi)/400) \cos((2857\pi)/50000))/8, -$   
 $(25\pi \cos((29\pi)/200) \cos((1429\pi)/25000))/8, -$   
 $(25\pi \cos((59\pi)/400) \cos((2859\pi)/50000))/8, -$   
 $(25\pi \cos((3\pi)/20) \cos((143\pi)/2500))/8, -$   
 $(25\pi \cos((61\pi)/400) \cos((2861\pi)/50000))/8, -$   
 $(25\pi \cos((31\pi)/200) \cos((1431\pi)/25000))/8, -$   
 $(25\pi \cos((63\pi)/400) \cos((2863\pi)/50000))/8, -$   
 $(25\pi \cos((4\pi)/25) \cos((179\pi)/3125))/8, -$   
 $(25\pi \cos((13\pi)/80) \cos((573\pi)/10000))/8, -$   
 $(25\pi \cos((33\pi)/200) \cos((1433\pi)/25000))/8, -$   
 $(25\pi \cos((67\pi)/400) \cos((2867\pi)/50000))/8, -$   
 $(25\pi \cos((17\pi)/100) \cos((717\pi)/12500))/8, -$

$(25\pi \cos((69\pi)/400) \cos((2869\pi)/50000))/8, -$   
 $(25\pi \cos((7\pi)/40) \cos((287\pi)/5000))/8, -$   
 $(25\pi \cos((71\pi)/400) \cos((2871\pi)/50000))/8, -$   
 $(25\pi \cos((9\pi)/50) \cos((359\pi)/6250))/8, -$   
 $(25\pi \cos((73\pi)/400) \cos((2873\pi)/50000))/8, -$   
 $(25\pi \cos((37\pi)/200) \cos((1437\pi)/25000))/8, -$   
 $(25\pi \cos((3\pi)/16) \cos((23\pi)/400))/8, -$   
 $(25\pi \cos((19\pi)/100) \cos((719\pi)/12500))/8, -$   
 $(25\pi \cos((77\pi)/400) \cos((2877\pi)/50000))/8, -$   
 $(25\pi \cos((39\pi)/200) \cos((1439\pi)/25000))/8, -$   
 $(25\pi \cos((79\pi)/400) \cos((2879\pi)/50000))/8, - (25\pi \cos((36\pi)/625) * (5^{(1/2)}/4 +$   
 $1/4))/8, - (25\pi \cos((81\pi)/400) \cos((2881\pi)/50000))/8, -$   
 $(25\pi \cos((41\pi)/200) \cos((1441\pi)/25000))/8, -$   
 $(25\pi \cos((83\pi)/400) \cos((2883\pi)/50000))/8, -$   
 $(25\pi \cos((21\pi)/100) \cos((721\pi)/12500))/8, -$   
 $(25\pi \cos((17\pi)/80) \cos((577\pi)/10000))/8, -$   
 $(25\pi \cos((43\pi)/200) \cos((1443\pi)/25000))/8, -$   
 $(25\pi \cos((87\pi)/400) \cos((2887\pi)/50000))/8, -$   
 $(25\pi \cos((11\pi)/50) \cos((361\pi)/6250))/8, -$   
 $(25\pi \cos((89\pi)/400) \cos((2889\pi)/50000))/8, -$   
 $(25\pi \cos((9\pi)/40) \cos((289\pi)/5000))/8, -$   
 $(25\pi \cos((91\pi)/400) \cos((2891\pi)/50000))/8, -$   
 $(25\pi \cos((23\pi)/100) \cos((723\pi)/12500))/8, -$   
 $(25\pi \cos((93\pi)/400) \cos((2893\pi)/50000))/8, -$   
 $(25\pi \cos((47\pi)/200) \cos((1447\pi)/25000))/8, -$   
 $(25\pi \cos((19\pi)/80) \cos((579\pi)/10000))/8, -$   
 $(25\pi \cos((6\pi)/25) \cos((181\pi)/3125))/8, -$   
 $(25\pi \cos((97\pi)/400) \cos((2897\pi)/50000))/8, -$   
 $(25\pi \cos((49\pi)/200) \cos((1449\pi)/25000))/8, -$   
 $(25\pi \cos((99\pi)/400) \cos((2899\pi)/50000))/8, - (25*2^{(1/2)}*\pi*\cos((29\pi)/500))/16,$   
 $- (25\pi \cos((101\pi)/400) \cos((2901\pi)/50000))/8, -$   
 $(25\pi \cos((51\pi)/200) \cos((1451\pi)/25000))/8, -$   
 $(25\pi \cos((103\pi)/400) \cos((2903\pi)/50000))/8, -$   
 $(25\pi \cos((13\pi)/50) \cos((363\pi)/6250))/8, -$   
 $(25\pi \cos((21\pi)/80) \cos((581\pi)/10000))/8, -$   
 $(25\pi \cos((53\pi)/200) \cos((1453\pi)/25000))/8, -$   
 $(25\pi \cos((107\pi)/400) \cos((2907\pi)/50000))/8, -$   
 $(25\pi \cos((27\pi)/100) \cos((727\pi)/12500))/8, -$   
 $(25\pi \cos((109\pi)/400) \cos((2909\pi)/50000))/8, -$   
 $(25\pi \cos((11\pi)/40) \cos((291\pi)/5000))/8, -$   
 $(25\pi \cos((111\pi)/400) \cos((2911\pi)/50000))/8, -$   
 $(25\pi \cos((7\pi)/25) \cos((182\pi)/3125))/8, -$   
 $(25\pi \cos((113\pi)/400) \cos((2913\pi)/50000))/8, -$   
 $(25\pi \cos((57\pi)/200) \cos((1457\pi)/25000))/8, -$   
 $(25\pi \cos((23\pi)/80) \cos((583\pi)/10000))/8, -$   
 $(25\pi \cos((29\pi)/100) \cos((729\pi)/12500))/8, -$   
 $(25\pi \cos((117\pi)/400) \cos((2917\pi)/50000))/8, -$   
 $(25\pi \cos((59\pi)/200) \cos((1459\pi)/25000))/8, -$   
 $(25\pi \cos((119\pi)/400) \cos((2919\pi)/50000))/8, - (25*2^{(1/2)}*\pi*\cos((73\pi)/1250) * (5$   
 $- 5^{(1/2)})^{(1/2)})/32, - (25\pi \cos((121\pi)/400) \cos((2921\pi)/50000))/8, -$   
 $(25\pi \cos((61\pi)/200) \cos((1461\pi)/25000))/8, -$

$(25\pi \cos((123\pi)/400) \cos((2923\pi)/50000))/8, -$   
 $(25\pi \cos((31\pi)/100) \cos((731\pi)/12500))/8, -$   
 $(25\pi \cos((5\pi)/16) \cos((117\pi)/2000))/8, -$   
 $(25\pi \cos((63\pi)/200) \cos((1463\pi)/25000))/8, -$   
 $(25\pi \cos((127\pi)/400) \cos((2927\pi)/50000))/8, -$   
 $(25\pi \cos((8\pi)/25) \cos((183\pi)/3125))/8, -$   
 $(25\pi \cos((129\pi)/400) \cos((2929\pi)/50000))/8, -$   
 $(25\pi \cos((13\pi)/40) \cos((293\pi)/5000))/8, -$   
 $(25\pi \cos((131\pi)/400) \cos((2931\pi)/50000))/8, -$   
 $(25\pi \cos((33\pi)/100) \cos((733\pi)/12500))/8, -$   
 $(25\pi \cos((133\pi)/400) \cos((2933\pi)/50000))/8, -$   
 $(25\pi \cos((67\pi)/200) \cos((1467\pi)/25000))/8, -$   
 $(25\pi \cos((27\pi)/80) \cos((587\pi)/10000))/8, -$   
 $(25\pi \cos((17\pi)/50) \cos((367\pi)/6250))/8, -$   
 $(25\pi \cos((137\pi)/400) \cos((2937\pi)/50000))/8, -$   
 $(25\pi \cos((69\pi)/200) \cos((1469\pi)/25000))/8, -$   
 $(25\pi \cos((139\pi)/400) \cos((2939\pi)/50000))/8, -$   
 $(25\pi \cos((7\pi)/20) \cos((147\pi)/2500))/8, -$   
 $(25\pi \cos((141\pi)/400) \cos((2941\pi)/50000))/8, -$   
 $(25\pi \cos((71\pi)/200) \cos((1471\pi)/25000))/8, -$   
 $(25\pi \cos((143\pi)/400) \cos((2943\pi)/50000))/8, -$   
 $(25\pi \cos((9\pi)/25) \cos((184\pi)/3125))/8, -$   
 $(25\pi \cos((29\pi)/80) \cos((589\pi)/10000))/8, -$   
 $(25\pi \cos((73\pi)/200) \cos((1473\pi)/25000))/8, -$   
 $(25\pi \cos((147\pi)/400) \cos((2947\pi)/50000))/8, -$   
 $(25\pi \cos((37\pi)/100) \cos((737\pi)/12500))/8, -$   
 $(25\pi \cos((149\pi)/400) \cos((2949\pi)/50000))/8, - (25\pi \cos((59\pi)/1000) * (2 -$   
 $2^{(1/2)})^{(1/2)})/16, - (25\pi \cos((151\pi)/400) \cos((2951\pi)/50000))/8, -$   
 $(25\pi \cos((19\pi)/50) \cos((369\pi)/6250))/8, -$   
 $(25\pi \cos((153\pi)/400) \cos((2953\pi)/50000))/8, -$   
 $(25\pi \cos((77\pi)/200) \cos((1477\pi)/25000))/8, -$   
 $(25\pi \cos((31\pi)/80) \cos((591\pi)/10000))/8, -$   
 $(25\pi \cos((39\pi)/100) \cos((739\pi)/12500))/8, -$   
 $(25\pi \cos((157\pi)/400) \cos((2957\pi)/50000))/8, -$   
 $(25\pi \cos((79\pi)/200) \cos((1479\pi)/25000))/8, -$   
 $(25\pi \cos((159\pi)/400) \cos((2959\pi)/50000))/8, - (25\pi \cos((37\pi)/625) * (5^{(1/2)}/4$   
 $- 1/4))/8, - (25\pi \cos((161\pi)/400) \cos((2961\pi)/50000))/8, -$   
 $(25\pi \cos((81\pi)/200) \cos((1481\pi)/25000))/8, -$   
 $(25\pi \cos((163\pi)/400) \cos((2963\pi)/50000))/8, -$   
 $(25\pi \cos((41\pi)/100) \cos((741\pi)/12500))/8, -$   
 $(25\pi \cos((33\pi)/80) \cos((593\pi)/10000))/8, -$   
 $(25\pi \cos((83\pi)/200) \cos((1483\pi)/25000))/8, -$   
 $(25\pi \cos((167\pi)/400) \cos((2967\pi)/50000))/8, -$   
 $(25\pi \cos((21\pi)/50) \cos((371\pi)/6250))/8, -$   
 $(25\pi \cos((169\pi)/400) \cos((2969\pi)/50000))/8, -$   
 $(25\pi \cos((17\pi)/40) \cos((297\pi)/5000))/8, -$   
 $(25\pi \cos((171\pi)/400) \cos((2971\pi)/50000))/8, -$   
 $(25\pi \cos((43\pi)/100) \cos((743\pi)/12500))/8, -$   
 $(25\pi \cos((173\pi)/400) \cos((2973\pi)/50000))/8, -$   
 $(25\pi \cos((87\pi)/200) \cos((1487\pi)/25000))/8, -$   
 $(25\pi \cos((7\pi)/16) \cos((119\pi)/2000))/8, -$

$(25\pi \cos((11\pi)/25) \cos((186\pi)/3125))/8, -$   
 $(25\pi \cos((177\pi)/400) \cos((2977\pi)/50000))/8, -$   
 $(25\pi \cos((89\pi)/200) \cos((1489\pi)/25000))/8, -$   
 $(25\pi \cos((179\pi)/400) \cos((2979\pi)/50000))/8, -$   
 $(25\pi \cos((9\pi)/20) \cos((149\pi)/2500))/8, -$   
 $(25\pi \cos((181\pi)/400) \cos((2981\pi)/50000))/8, -$   
 $(25\pi \cos((91\pi)/200) \cos((1491\pi)/25000))/8, -$   
 $(25\pi \cos((183\pi)/400) \cos((2983\pi)/50000))/8, -$   
 $(25\pi \cos((23\pi)/50) \cos((373\pi)/6250))/8, -$   
 $(25\pi \cos((37\pi)/80) \cos((597\pi)/10000))/8, -$   
 $(25\pi \cos((93\pi)/200) \cos((1493\pi)/25000))/8, -$   
 $(25\pi \cos((187\pi)/400) \cos((2987\pi)/50000))/8, -$   
 $(25\pi \cos((47\pi)/100) \cos((747\pi)/12500))/8, -$   
 $(25\pi \cos((189\pi)/400) \cos((2989\pi)/50000))/8, -$   
 $(25\pi \cos((19\pi)/40) \cos((299\pi)/5000))/8, -$   
 $(25\pi \cos((191\pi)/400) \cos((2991\pi)/50000))/8, -$   
 $(25\pi \cos((12\pi)/25) \cos((187\pi)/3125))/8, -$   
 $(25\pi \cos((193\pi)/400) \cos((2993\pi)/50000))/8, -$   
 $(25\pi \cos((97\pi)/200) \cos((1497\pi)/25000))/8, -$   
 $(25\pi \cos((39\pi)/80) \cos((599\pi)/10000))/8, -$   
 $(25\pi \cos((49\pi)/100) \cos((749\pi)/12500))/8, -$   
 $(25\pi \cos((197\pi)/400) \cos((2997\pi)/50000))/8, -$   
 $(25\pi \cos((99\pi)/200) \cos((1499\pi)/25000))/8, -$   
 $(25\pi \cos((199\pi)/400) \cos((2999\pi)/50000))/8, 0,$   
 $(25\pi \cos((199\pi)/400) \cos((3001\pi)/50000))/8,$   
 $(25\pi \cos((99\pi)/200) \cos((1501\pi)/25000))/8,$   
 $(25\pi \cos((197\pi)/400) \cos((3003\pi)/50000))/8,$   
 $(25\pi \cos((49\pi)/100) \cos((751\pi)/12500))/8,$   
 $(25\pi \cos((39\pi)/80) \cos((601\pi)/10000))/8,$   
 $(25\pi \cos((97\pi)/200) \cos((1503\pi)/25000))/8,$   
 $(25\pi \cos((193\pi)/400) \cos((3007\pi)/50000))/8,$   
 $(25\pi \cos((12\pi)/25) \cos((188\pi)/3125))/8,$   
 $(25\pi \cos((191\pi)/400) \cos((3009\pi)/50000))/8,$   
 $(25\pi \cos((19\pi)/40) \cos((301\pi)/5000))/8,$   
 $(25\pi \cos((189\pi)/400) \cos((3011\pi)/50000))/8,$   
 $(25\pi \cos((47\pi)/100) \cos((753\pi)/12500))/8,$   
 $(25\pi \cos((187\pi)/400) \cos((3013\pi)/50000))/8,$   
 $(25\pi \cos((93\pi)/200) \cos((1507\pi)/25000))/8,$   
 $(25\pi \cos((37\pi)/80) \cos((603\pi)/10000))/8,$   
 $(25\pi \cos((23\pi)/50) \cos((377\pi)/6250))/8,$   
 $(25\pi \cos((183\pi)/400) \cos((3017\pi)/50000))/8,$   
 $(25\pi \cos((91\pi)/200) \cos((1509\pi)/25000))/8,$   
 $(25\pi \cos((181\pi)/400) \cos((3019\pi)/50000))/8,$   
 $(25\pi \cos((9\pi)/20) \cos((151\pi)/2500))/8,$   
 $(25\pi \cos((179\pi)/400) \cos((3021\pi)/50000))/8,$   
 $(25\pi \cos((89\pi)/200) \cos((1511\pi)/25000))/8,$   
 $(25\pi \cos((177\pi)/400) \cos((3023\pi)/50000))/8,$   
 $(25\pi \cos((11\pi)/25) \cos((189\pi)/3125))/8,$   
 $(25\pi \cos((7\pi)/16) \cos((121\pi)/2000))/8,$   
 $(25\pi \cos((87\pi)/200) \cos((1513\pi)/25000))/8,$   
 $(25\pi \cos((173\pi)/400) \cos((3027\pi)/50000))/8,$

$(25\pi \cos((43\pi)/100) \cos((757\pi)/12500))/8,$   
 $(25\pi \cos((171\pi)/400) \cos((3029\pi)/50000))/8,$   
 $(25\pi \cos((17\pi)/40) \cos((303\pi)/5000))/8,$   
 $(25\pi \cos((169\pi)/400) \cos((3031\pi)/50000))/8,$   
 $(25\pi \cos((21\pi)/50) \cos((379\pi)/6250))/8,$   
 $(25\pi \cos((167\pi)/400) \cos((3033\pi)/50000))/8,$   
 $(25\pi \cos((83\pi)/200) \cos((1517\pi)/25000))/8,$   
 $(25\pi \cos((33\pi)/80) \cos((607\pi)/10000))/8,$   
 $(25\pi \cos((41\pi)/100) \cos((759\pi)/12500))/8,$   
 $(25\pi \cos((163\pi)/400) \cos((3037\pi)/50000))/8,$   
 $(25\pi \cos((81\pi)/200) \cos((1519\pi)/25000))/8,$   
 $(25\pi \cos((161\pi)/400) \cos((3039\pi)/50000))/8, (25\pi \cos((38\pi)/625) * (5^{1/2})/4 -$   
 $1/4))/8, (25\pi \cos((159\pi)/400) \cos((3041\pi)/50000))/8,$   
 $(25\pi \cos((79\pi)/200) \cos((1521\pi)/25000))/8,$   
 $(25\pi \cos((157\pi)/400) \cos((3043\pi)/50000))/8,$   
 $(25\pi \cos((39\pi)/100) \cos((761\pi)/12500))/8,$   
 $(25\pi \cos((31\pi)/80) \cos((609\pi)/10000))/8,$   
 $(25\pi \cos((77\pi)/200) \cos((1523\pi)/25000))/8,$   
 $(25\pi \cos((153\pi)/400) \cos((3047\pi)/50000))/8,$   
 $(25\pi \cos((19\pi)/50) \cos((381\pi)/6250))/8,$   
 $(25\pi \cos((151\pi)/400) \cos((3049\pi)/50000))/8, (25\pi \cos((61\pi)/1000) * (2 -$   
 $2^{1/2})^{1/2})/16, (25\pi \cos((149\pi)/400) \cos((3051\pi)/50000))/8,$   
 $(25\pi \cos((37\pi)/100) \cos((763\pi)/12500))/8,$   
 $(25\pi \cos((147\pi)/400) \cos((3053\pi)/50000))/8,$   
 $(25\pi \cos((73\pi)/200) \cos((1527\pi)/25000))/8,$   
 $(25\pi \cos((29\pi)/80) \cos((611\pi)/10000))/8,$   
 $(25\pi \cos((9\pi)/25) \cos((191\pi)/3125))/8,$   
 $(25\pi \cos((143\pi)/400) \cos((3057\pi)/50000))/8,$   
 $(25\pi \cos((71\pi)/200) \cos((1529\pi)/25000))/8,$   
 $(25\pi \cos((141\pi)/400) \cos((3059\pi)/50000))/8,$   
 $(25\pi \cos((7\pi)/20) \cos((153\pi)/2500))/8,$   
 $(25\pi \cos((139\pi)/400) \cos((3061\pi)/50000))/8,$   
 $(25\pi \cos((69\pi)/200) \cos((1531\pi)/25000))/8,$   
 $(25\pi \cos((137\pi)/400) \cos((3063\pi)/50000))/8,$   
 $(25\pi \cos((17\pi)/50) \cos((383\pi)/6250))/8,$   
 $(25\pi \cos((27\pi)/80) \cos((613\pi)/10000))/8,$   
 $(25\pi \cos((67\pi)/200) \cos((1533\pi)/25000))/8,$   
 $(25\pi \cos((133\pi)/400) \cos((3067\pi)/50000))/8,$   
 $(25\pi \cos((33\pi)/100) \cos((767\pi)/12500))/8,$   
 $(25\pi \cos((131\pi)/400) \cos((3069\pi)/50000))/8,$   
 $(25\pi \cos((13\pi)/40) \cos((307\pi)/5000))/8,$   
 $(25\pi \cos((129\pi)/400) \cos((3071\pi)/50000))/8,$   
 $(25\pi \cos((8\pi)/25) \cos((192\pi)/3125))/8,$   
 $(25\pi \cos((127\pi)/400) \cos((3073\pi)/50000))/8,$   
 $(25\pi \cos((63\pi)/200) \cos((1537\pi)/25000))/8,$   
 $(25\pi \cos((5\pi)/16) \cos((123\pi)/2000))/8,$   
 $(25\pi \cos((31\pi)/100) \cos((769\pi)/12500))/8,$   
 $(25\pi \cos((123\pi)/400) \cos((3077\pi)/50000))/8,$   
 $(25\pi \cos((61\pi)/200) \cos((1539\pi)/25000))/8,$   
 $(25\pi \cos((121\pi)/400) \cos((3079\pi)/50000))/8, (25 * 2^{1/2} * \pi \cos((77\pi)/1250) * (5$   
 $- 5^{1/2})^{1/2})/32, (25\pi \cos((119\pi)/400) \cos((3081\pi)/50000))/8,$

$(25\pi \cos((59\pi)/200) \cos((1541\pi)/25000))/8,$   
 $(25\pi \cos((117\pi)/400) \cos((3083\pi)/50000))/8,$   
 $(25\pi \cos((29\pi)/100) \cos((771\pi)/12500))/8,$   
 $(25\pi \cos((23\pi)/80) \cos((617\pi)/10000))/8,$   
 $(25\pi \cos((57\pi)/200) \cos((1543\pi)/25000))/8,$   
 $(25\pi \cos((113\pi)/400) \cos((3087\pi)/50000))/8,$   
 $(25\pi \cos((7\pi)/25) \cos((193\pi)/3125))/8,$   
 $(25\pi \cos((111\pi)/400) \cos((3089\pi)/50000))/8,$   
 $(25\pi \cos((11\pi)/40) \cos((309\pi)/5000))/8,$   
 $(25\pi \cos((109\pi)/400) \cos((3091\pi)/50000))/8,$   
 $(25\pi \cos((27\pi)/100) \cos((773\pi)/12500))/8,$   
 $(25\pi \cos((107\pi)/400) \cos((3093\pi)/50000))/8,$   
 $(25\pi \cos((53\pi)/200) \cos((1547\pi)/25000))/8,$   
 $(25\pi \cos((21\pi)/80) \cos((619\pi)/10000))/8,$   
 $(25\pi \cos((13\pi)/50) \cos((387\pi)/6250))/8,$   
 $(25\pi \cos((103\pi)/400) \cos((3097\pi)/50000))/8,$   
 $(25\pi \cos((51\pi)/200) \cos((1549\pi)/25000))/8,$   
 $(25\pi \cos((101\pi)/400) \cos((3099\pi)/50000))/8, (25 \cdot 2^{(1/2)} \pi \cos((31\pi)/500))/16,$   
 $(25\pi \cos((99\pi)/400) \cos((3101\pi)/50000))/8,$   
 $(25\pi \cos((49\pi)/200) \cos((1551\pi)/25000))/8,$   
 $(25\pi \cos((97\pi)/400) \cos((3103\pi)/50000))/8,$   
 $(25\pi \cos((6\pi)/25) \cos((194\pi)/3125))/8,$   
 $(25\pi \cos((19\pi)/80) \cos((621\pi)/10000))/8,$   
 $(25\pi \cos((47\pi)/200) \cos((1553\pi)/25000))/8,$   
 $(25\pi \cos((93\pi)/400) \cos((3107\pi)/50000))/8,$   
 $(25\pi \cos((23\pi)/100) \cos((777\pi)/12500))/8,$   
 $(25\pi \cos((91\pi)/400) \cos((3109\pi)/50000))/8,$   
 $(25\pi \cos((9\pi)/40) \cos((311\pi)/5000))/8,$   
 $(25\pi \cos((89\pi)/400) \cos((3111\pi)/50000))/8,$   
 $(25\pi \cos((11\pi)/50) \cos((389\pi)/6250))/8,$   
 $(25\pi \cos((87\pi)/400) \cos((3113\pi)/50000))/8,$   
 $(25\pi \cos((43\pi)/200) \cos((1557\pi)/25000))/8,$   
 $(25\pi \cos((17\pi)/80) \cos((623\pi)/10000))/8,$   
 $(25\pi \cos((21\pi)/100) \cos((779\pi)/12500))/8,$   
 $(25\pi \cos((83\pi)/400) \cos((3117\pi)/50000))/8,$   
 $(25\pi \cos((41\pi)/200) \cos((1559\pi)/25000))/8,$   
 $(25\pi \cos((81\pi)/400) \cos((3119\pi)/50000))/8, (25\pi \cos((39\pi)/625) \cdot (5^{(1/2)}/4 + 1/4))/8,$   
 $(25\pi \cos((79\pi)/400) \cos((3121\pi)/50000))/8,$   
 $(25\pi \cos((39\pi)/200) \cos((1561\pi)/25000))/8,$   
 $(25\pi \cos((77\pi)/400) \cos((3123\pi)/50000))/8,$   
 $(25\pi \cos((19\pi)/100) \cos((781\pi)/12500))/8, (25\pi \cos(\pi/16) \cos((3\pi)/16))/8,$   
 $(25\pi \cos((37\pi)/200) \cos((1563\pi)/25000))/8,$   
 $(25\pi \cos((73\pi)/400) \cos((3127\pi)/50000))/8,$   
 $(25\pi \cos((9\pi)/50) \cos((391\pi)/6250))/8,$   
 $(25\pi \cos((71\pi)/400) \cos((3129\pi)/50000))/8,$   
 $(25\pi \cos((7\pi)/40) \cos((313\pi)/5000))/8,$   
 $(25\pi \cos((69\pi)/400) \cos((3131\pi)/50000))/8,$   
 $(25\pi \cos((17\pi)/100) \cos((783\pi)/12500))/8,$   
 $(25\pi \cos((67\pi)/400) \cos((3133\pi)/50000))/8,$   
 $(25\pi \cos((33\pi)/200) \cos((1567\pi)/25000))/8,$   
 $(25\pi \cos((13\pi)/80) \cos((627\pi)/10000))/8,$



$(25\pi \cos((4\pi)/25) \cos((196\pi)/3125))/8,$   
 $(25\pi \cos((63\pi)/400) \cos((3137\pi)/50000))/8,$   
 $(25\pi \cos((31\pi)/200) \cos((1569\pi)/25000))/8,$   
 $(25\pi \cos((61\pi)/400) \cos((3139\pi)/50000))/8,$   
 $(25\pi \cos((3\pi)/20) \cos((157\pi)/2500))/8,$   
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 $(25\pi \cos((57\pi)/400) \cos((3143\pi)/50000))/8,$   
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 $(25\pi \cos((51\pi)/400) \cos((3149\pi)/50000))/8, (25\pi \cos((63\pi)/1000) * (2^{(1/2)} + 2)^{(1/2)})/16, (25\pi \cos((49\pi)/400) \cos((3151\pi)/50000))/8,$   
 $(25\pi \cos((3\pi)/25) \cos((197\pi)/3125))/8,$   
 $(25\pi \cos((47\pi)/400) \cos((3153\pi)/50000))/8,$   
 $(25\pi \cos((23\pi)/200) \cos((1577\pi)/25000))/8,$   
 $(25\pi \cos((9\pi)/80) \cos((631\pi)/10000))/8,$   
 $(25\pi \cos((11\pi)/100) \cos((789\pi)/12500))/8,$   
 $(25\pi \cos((43\pi)/400) \cos((3157\pi)/50000))/8,$   
 $(25\pi \cos((21\pi)/200) \cos((1579\pi)/25000))/8,$   
 $(25\pi \cos((41\pi)/400) \cos((3159\pi)/50000))/8,$   
 $(25 * 2^{(1/2)} * \pi \cos((79\pi)/1250) * (5^{(1/2)} + 5)^{(1/2)})/32,$   
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 $(25\pi \cos((7\pi)/80) \cos((633\pi)/10000))/8,$   
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 $(25\pi \cos((11\pi)/200) \cos((1589\pi)/25000))/8,$   
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 $(25\pi \cos((17\pi)/400) \cos((3183\pi)/50000))/8,$   
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 $(25\pi \cos((3\pi)/100) \cos((797\pi)/12500))/8,$   
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$(25\pi \cos(\pi/40) \cos((319\pi)/5000))/8,$   
 $(25\pi \cos((9\pi)/400) \cos((3191\pi)/50000))/8,$   
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 $(25\pi \cos((7\pi)/400) \cos((3193\pi)/50000))/8,$   
 $(25\pi \cos((3\pi)/200) \cos((1597\pi)/25000))/8,$   
 $(25\pi \cos(\pi/80) \cos((639\pi)/10000))/8, (25\pi \cos(\pi/100) \cos((799\pi)/12500))/8,$   
 $(25\pi \cos((3\pi)/400) \cos((3197\pi)/50000))/8,$   
 $(25\pi \cos(\pi/200) \cos((1599\pi)/25000))/8,$   
 $(25\pi \cos(\pi/400) \cos((3199\pi)/50000))/8, (25\pi \cos((8\pi)/125))/8,$   
 $(25\pi \cos(\pi/400) \cos((3201\pi)/50000))/8,$   
 $(25\pi \cos(\pi/200) \cos((1601\pi)/25000))/8,$   
 $(25\pi \cos((3\pi)/400) \cos((3203\pi)/50000))/8,$   
 $(25\pi \cos(\pi/100) \cos((801\pi)/12500))/8, (25\pi \cos(\pi/80) \cos((641\pi)/10000))/8,$   
 $(25\pi \cos((3\pi)/200) \cos((1603\pi)/25000))/8,$   
 $(25\pi \cos((7\pi)/400) \cos((3207\pi)/50000))/8,$   
 $(25\pi \cos(\pi/50) \cos((401\pi)/6250))/8,$   
 $(25\pi \cos((9\pi)/400) \cos((3209\pi)/50000))/8,$   
 $(25\pi \cos(\pi/40) \cos((321\pi)/5000))/8,$   
 $(25\pi \cos((11\pi)/400) \cos((3211\pi)/50000))/8,$   
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 $(25\pi \cos((13\pi)/400) \cos((3213\pi)/50000))/8,$   
 $(25\pi \cos((7\pi)/200) \cos((1607\pi)/25000))/8,$   
 $(25\pi \cos((3\pi)/80) \cos((643\pi)/10000))/8, (25\pi \cos(\pi/25) \cos((201\pi)/3125))/8,$   
 $(25\pi \cos((17\pi)/400) \cos((3217\pi)/50000))/8,$   
 $(25\pi \cos((9\pi)/200) \cos((1609\pi)/25000))/8,$   
 $(25\pi \cos((19\pi)/400) \cos((3219\pi)/50000))/8,$   
 $(25\pi \cos(\pi/20) \cos((161\pi)/2500))/8,$   
 $(25\pi \cos((21\pi)/400) \cos((3221\pi)/50000))/8,$   
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 $(25\pi \cos((23\pi)/400) \cos((3223\pi)/50000))/8,$   
 $(25\pi \cos((3\pi)/50) \cos((403\pi)/6250))/8, (25\pi \cos(\pi/16) \cos((129\pi)/2000))/8,$   
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 $(25\pi \cos((27\pi)/400) \cos((3227\pi)/50000))/8,$   
 $(25\pi \cos((7\pi)/100) \cos((807\pi)/12500))/8,$   
 $(25\pi \cos((29\pi)/400) \cos((3229\pi)/50000))/8,$   
 $(25\pi \cos((3\pi)/40) \cos((323\pi)/5000))/8,$   
 $(25\pi \cos((31\pi)/400) \cos((3231\pi)/50000))/8,$   
 $(25\pi \cos((2\pi)/25) \cos((202\pi)/3125))/8,$   
 $(25\pi \cos((33\pi)/400) \cos((3233\pi)/50000))/8,$   
 $(25\pi \cos((17\pi)/200) \cos((1617\pi)/25000))/8,$   
 $(25\pi \cos((7\pi)/80) \cos((647\pi)/10000))/8,$   
 $(25\pi \cos((9\pi)/100) \cos((809\pi)/12500))/8,$   
 $(25\pi \cos((37\pi)/400) \cos((3237\pi)/50000))/8,$   
 $(25\pi \cos((19\pi)/200) \cos((1619\pi)/25000))/8,$   
 $(25\pi \cos((39\pi)/400) \cos((3239\pi)/50000))/8,$   
 $(25 \cdot 2^{(1/2)} \pi \cos((81\pi)/1250) \cdot (5^{(1/2)} + 5)^{(1/2)})/32,$   
 $(25\pi \cos((41\pi)/400) \cos((3241\pi)/50000))/8,$   
 $(25\pi \cos((21\pi)/200) \cos((1621\pi)/25000))/8,$   
 $(25\pi \cos((43\pi)/400) \cos((3243\pi)/50000))/8,$   
 $(25\pi \cos((11\pi)/100) \cos((811\pi)/12500))/8,$   
 $(25\pi \cos((9\pi)/80) \cos((649\pi)/10000))/8,$

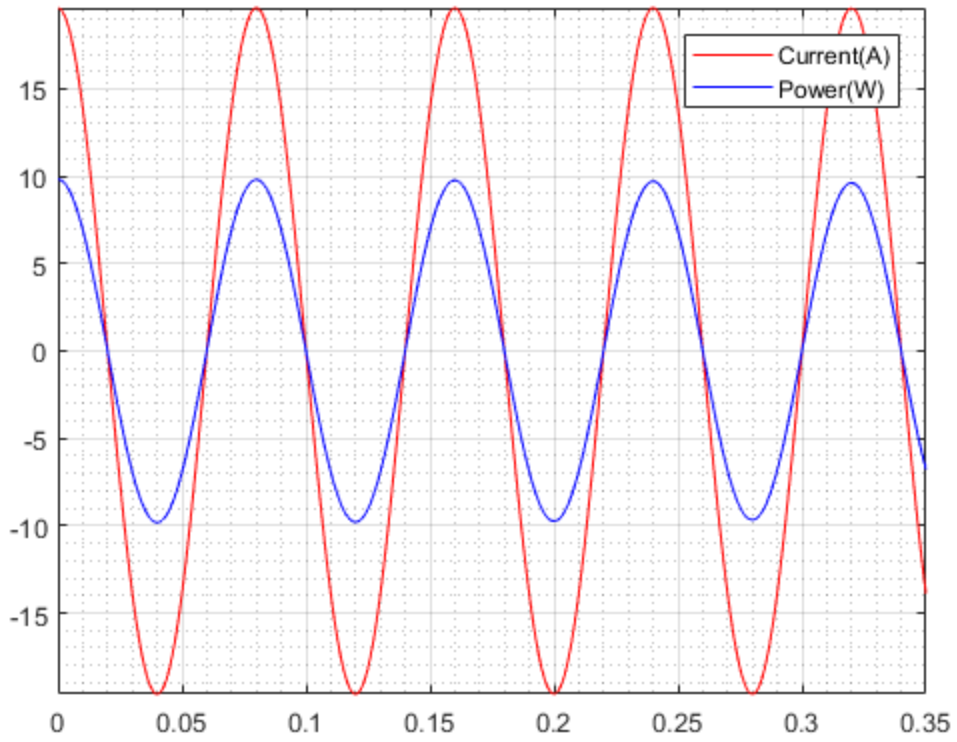
$(25\pi \cos((23\pi)/200) \cos((1623\pi)/25000))/8,$   
 $(25\pi \cos((47\pi)/400) \cos((3247\pi)/50000))/8,$   
 $(25\pi \cos((3\pi)/25) \cos((203\pi)/3125))/8,$   
 $(25\pi \cos((49\pi)/400) \cos((3249\pi)/50000))/8, (25\pi \cos((13\pi)/200) * (2^{(1/2)} + 2)^{(1/2)})/16, (25\pi \cos((51\pi)/400) \cos((3251\pi)/50000))/8,$   
 $(25\pi \cos((13\pi)/100) \cos((813\pi)/12500))/8,$   
 $(25\pi \cos((53\pi)/400) \cos((3253\pi)/50000))/8,$   
 $(25\pi \cos((27\pi)/200) \cos((1627\pi)/25000))/8,$   
 $(25\pi \cos((11\pi)/80) \cos((651\pi)/10000))/8,$   
 $(25\pi \cos((7\pi)/50) \cos((407\pi)/6250))/8,$   
 $(25\pi \cos((57\pi)/400) \cos((3257\pi)/50000))/8,$   
 $(25\pi \cos((29\pi)/200) \cos((1629\pi)/25000))/8,$   
 $(25\pi \cos((59\pi)/400) \cos((3259\pi)/50000))/8,$   
 $(25\pi \cos((3\pi)/20) \cos((163\pi)/2500))/8,$   
 $(25\pi \cos((61\pi)/400) \cos((3261\pi)/50000))/8,$   
 $(25\pi \cos((31\pi)/200) \cos((1631\pi)/25000))/8,$   
 $(25\pi \cos((63\pi)/400) \cos((3263\pi)/50000))/8,$   
 $(25\pi \cos((4\pi)/25) \cos((204\pi)/3125))/8,$   
 $(25\pi \cos((13\pi)/80) \cos((653\pi)/10000))/8,$   
 $(25\pi \cos((33\pi)/200) \cos((1633\pi)/25000))/8,$   
 $(25\pi \cos((67\pi)/400) \cos((3267\pi)/50000))/8,$   
 $(25\pi \cos((17\pi)/100) \cos((817\pi)/12500))/8,$   
 $(25\pi \cos((69\pi)/400) \cos((3269\pi)/50000))/8,$   
 $(25\pi \cos((7\pi)/40) \cos((327\pi)/5000))/8,$   
 $(25\pi \cos((71\pi)/400) \cos((3271\pi)/50000))/8,$   
 $(25\pi \cos((9\pi)/50) \cos((409\pi)/6250))/8,$   
 $(25\pi \cos((73\pi)/400) \cos((3273\pi)/50000))/8,$   
 $(25\pi \cos((37\pi)/200) \cos((1637\pi)/25000))/8,$   
 $(25\pi \cos((3\pi)/16) \cos((131\pi)/2000))/8,$   
 $(25\pi \cos((19\pi)/100) \cos((819\pi)/12500))/8,$   
 $(25\pi \cos((77\pi)/400) \cos((3277\pi)/50000))/8,$   
 $(25\pi \cos((39\pi)/200) \cos((1639\pi)/25000))/8,$   
 $(25\pi \cos((79\pi)/400) \cos((3279\pi)/50000))/8, (25\pi \cos((41\pi)/625) * (5^{(1/2)}/4 + 1/4))/8, (25\pi \cos((81\pi)/400) \cos((3281\pi)/50000))/8,$   
 $(25\pi \cos((41\pi)/200) \cos((1641\pi)/25000))/8,$   
 $(25\pi \cos((83\pi)/400) \cos((3283\pi)/50000))/8,$   
 $(25\pi \cos((21\pi)/100) \cos((821\pi)/12500))/8,$   
 $(25\pi \cos((17\pi)/80) \cos((657\pi)/10000))/8,$   
 $(25\pi \cos((43\pi)/200) \cos((1643\pi)/25000))/8,$   
 $(25\pi \cos((87\pi)/400) \cos((3287\pi)/50000))/8,$   
 $(25\pi \cos((11\pi)/50) \cos((411\pi)/6250))/8,$   
 $(25\pi \cos((89\pi)/400) \cos((3289\pi)/50000))/8,$   
 $(25\pi \cos((9\pi)/40) \cos((329\pi)/5000))/8,$   
 $(25\pi \cos((91\pi)/400) \cos((3291\pi)/50000))/8,$   
 $(25\pi \cos((23\pi)/100) \cos((823\pi)/12500))/8,$   
 $(25\pi \cos((93\pi)/400) \cos((3293\pi)/50000))/8,$   
 $(25\pi \cos((47\pi)/200) \cos((1647\pi)/25000))/8,$   
 $(25\pi \cos((19\pi)/80) \cos((659\pi)/10000))/8,$   
 $(25\pi \cos((6\pi)/25) \cos((206\pi)/3125))/8,$   
 $(25\pi \cos((97\pi)/400) \cos((3297\pi)/50000))/8,$   
 $(25\pi \cos((49\pi)/200) \cos((1649\pi)/25000))/8,$

$(25\pi \cos((99\pi)/400) \cos((3299\pi)/50000))/8, (25 \cdot 2^{(1/2)} \pi \cos((33\pi)/500))/16,$   
 $(25\pi \cos((101\pi)/400) \cos((3301\pi)/50000))/8,$   
 $(25\pi \cos((51\pi)/200) \cos((1651\pi)/25000))/8,$   
 $(25\pi \cos((103\pi)/400) \cos((3303\pi)/50000))/8,$   
 $(25\pi \cos((13\pi)/50) \cos((413\pi)/6250))/8,$   
 $(25\pi \cos((21\pi)/80) \cos((661\pi)/10000))/8,$   
 $(25\pi \cos((53\pi)/200) \cos((1653\pi)/25000))/8,$   
 $(25\pi \cos((107\pi)/400) \cos((3307\pi)/50000))/8,$   
 $(25\pi \cos((27\pi)/100) \cos((827\pi)/12500))/8,$   
 $(25\pi \cos((109\pi)/400) \cos((3309\pi)/50000))/8,$   
 $(25\pi \cos((11\pi)/40) \cos((331\pi)/5000))/8,$   
 $(25\pi \cos((111\pi)/400) \cos((3311\pi)/50000))/8,$   
 $(25\pi \cos((7\pi)/25) \cos((207\pi)/3125))/8,$   
 $(25\pi \cos((113\pi)/400) \cos((3313\pi)/50000))/8,$   
 $(25\pi \cos((57\pi)/200) \cos((1657\pi)/25000))/8,$   
 $(25\pi \cos((23\pi)/80) \cos((663\pi)/10000))/8,$   
 $(25\pi \cos((29\pi)/100) \cos((829\pi)/12500))/8,$   
 $(25\pi \cos((117\pi)/400) \cos((3317\pi)/50000))/8,$   
 $(25\pi \cos((59\pi)/200) \cos((1659\pi)/25000))/8,$   
 $(25\pi \cos((119\pi)/400) \cos((3319\pi)/50000))/8, (25 \cdot 2^{(1/2)} \pi \cos((83\pi)/1250) \cdot (5$   
 $- 5^{(1/2)})^{(1/2)})/32, (25\pi \cos((121\pi)/400) \cos((3321\pi)/50000))/8,$   
 $(25\pi \cos((61\pi)/200) \cos((1661\pi)/25000))/8,$   
 $(25\pi \cos((123\pi)/400) \cos((3323\pi)/50000))/8,$   
 $(25\pi \cos((31\pi)/100) \cos((831\pi)/12500))/8,$   
 $(25\pi \cos((5\pi)/16) \cos((133\pi)/2000))/8,$   
 $(25\pi \cos((63\pi)/200) \cos((1663\pi)/25000))/8,$   
 $(25\pi \cos((127\pi)/400) \cos((3327\pi)/50000))/8,$   
 $(25\pi \cos((8\pi)/25) \cos((208\pi)/3125))/8,$   
 $(25\pi \cos((129\pi)/400) \cos((3329\pi)/50000))/8,$   
 $(25\pi \cos((13\pi)/40) \cos((333\pi)/5000))/8,$   
 $(25\pi \cos((131\pi)/400) \cos((3331\pi)/50000))/8,$   
 $(25\pi \cos((33\pi)/100) \cos((833\pi)/12500))/8,$   
 $(25\pi \cos((133\pi)/400) \cos((3333\pi)/50000))/8,$   
 $(25\pi \cos((67\pi)/200) \cos((1667\pi)/25000))/8,$   
 $(25\pi \cos((27\pi)/80) \cos((667\pi)/10000))/8,$   
 $(25\pi \cos((17\pi)/50) \cos((417\pi)/6250))/8,$   
 $(25\pi \cos((137\pi)/400) \cos((3337\pi)/50000))/8,$   
 $(25\pi \cos((69\pi)/200) \cos((1669\pi)/25000))/8,$   
 $(25\pi \cos((139\pi)/400) \cos((3339\pi)/50000))/8,$   
 $(25\pi \cos((7\pi)/20) \cos((167\pi)/2500))/8,$   
 $(25\pi \cos((141\pi)/400) \cos((3341\pi)/50000))/8,$   
 $(25\pi \cos((71\pi)/200) \cos((1671\pi)/25000))/8,$   
 $(25\pi \cos((143\pi)/400) \cos((3343\pi)/50000))/8,$   
 $(25\pi \cos((9\pi)/25) \cos((209\pi)/3125))/8,$   
 $(25\pi \cos((29\pi)/80) \cos((669\pi)/10000))/8,$   
 $(25\pi \cos((73\pi)/200) \cos((1673\pi)/25000))/8,$   
 $(25\pi \cos((147\pi)/400) \cos((3347\pi)/50000))/8,$   
 $(25\pi \cos((37\pi)/100) \cos((837\pi)/12500))/8,$   
 $(25\pi \cos((149\pi)/400) \cos((3349\pi)/50000))/8, (25\pi \cos((67\pi)/1000) \cdot (2$   
 $- 2^{(1/2)})^{(1/2)})/16, (25\pi \cos((151\pi)/400) \cos((3351\pi)/50000))/8,$   
 $(25\pi \cos((19\pi)/50) \cos((419\pi)/6250))/8,$

$(25\pi \cos((153\pi)/400) \cos((3353\pi)/50000))/8,$   
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 $(25\pi \cos((31\pi)/80) \cos((671\pi)/10000))/8,$   
 $(25\pi \cos((39\pi)/100) \cos((839\pi)/12500))/8,$   
 $(25\pi \cos((157\pi)/400) \cos((3357\pi)/50000))/8,$   
 $(25\pi \cos((79\pi)/200) \cos((1679\pi)/25000))/8,$   
 $(25\pi \cos((159\pi)/400) \cos((3359\pi)/50000))/8, (25\pi \cos((42\pi)/625) * (5^{(1/2)}/4 -$   
 $1/4))/8, (25\pi \cos((161\pi)/400) \cos((3361\pi)/50000))/8,$   
 $(25\pi \cos((81\pi)/200) \cos((1681\pi)/25000))/8,$   
 $(25\pi \cos((163\pi)/400) \cos((3363\pi)/50000))/8,$   
 $(25\pi \cos((41\pi)/100) \cos((841\pi)/12500))/8,$   
 $(25\pi \cos((33\pi)/80) \cos((673\pi)/10000))/8,$   
 $(25\pi \cos((83\pi)/200) \cos((1683\pi)/25000))/8,$   
 $(25\pi \cos((167\pi)/400) \cos((3367\pi)/50000))/8,$   
 $(25\pi \cos((21\pi)/50) \cos((421\pi)/6250))/8,$   
 $(25\pi \cos((169\pi)/400) \cos((3369\pi)/50000))/8,$   
 $(25\pi \cos((17\pi)/40) \cos((337\pi)/5000))/8,$   
 $(25\pi \cos((171\pi)/400) \cos((3371\pi)/50000))/8,$   
 $(25\pi \cos((43\pi)/100) \cos((843\pi)/12500))/8,$   
 $(25\pi \cos((173\pi)/400) \cos((3373\pi)/50000))/8,$   
 $(25\pi \cos((87\pi)/200) \cos((1687\pi)/25000))/8,$   
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 $(25\pi \cos((177\pi)/400) \cos((3377\pi)/50000))/8,$   
 $(25\pi \cos((89\pi)/200) \cos((1689\pi)/25000))/8,$   
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 $(25\pi \cos((9\pi)/20) \cos((169\pi)/2500))/8,$   
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 $(25\pi \cos((91\pi)/200) \cos((1691\pi)/25000))/8,$   
 $(25\pi \cos((183\pi)/400) \cos((3383\pi)/50000))/8,$   
 $(25\pi \cos((23\pi)/50) \cos((423\pi)/6250))/8,$   
 $(25\pi \cos((37\pi)/80) \cos((677\pi)/10000))/8,$   
 $(25\pi \cos((93\pi)/200) \cos((1693\pi)/25000))/8,$   
 $(25\pi \cos((187\pi)/400) \cos((3387\pi)/50000))/8,$   
 $(25\pi \cos((47\pi)/100) \cos((847\pi)/12500))/8,$   
 $(25\pi \cos((189\pi)/400) \cos((3389\pi)/50000))/8,$   
 $(25\pi \cos((19\pi)/40) \cos((339\pi)/5000))/8,$   
 $(25\pi \cos((191\pi)/400) \cos((3391\pi)/50000))/8,$   
 $(25\pi \cos((12\pi)/25) \cos((212\pi)/3125))/8,$   
 $(25\pi \cos((193\pi)/400) \cos((3393\pi)/50000))/8,$   
 $(25\pi \cos((97\pi)/200) \cos((1697\pi)/25000))/8,$   
 $(25\pi \cos((39\pi)/80) \cos((679\pi)/10000))/8,$   
 $(25\pi \cos((49\pi)/100) \cos((849\pi)/12500))/8,$   
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 $(25\pi \cos((99\pi)/200) \cos((1699\pi)/25000))/8,$   
 $(25\pi \cos((199\pi)/400) \cos((3399\pi)/50000))/8, 0, -$   
 $(25\pi \cos((199\pi)/400) \cos((3401\pi)/50000))/8, -$   
 $(25\pi \cos((99\pi)/200) \cos((1701\pi)/25000))/8, -$   
 $(25\pi \cos((197\pi)/400) \cos((3403\pi)/50000))/8, -$   
 $(25\pi \cos((49\pi)/100) \cos((851\pi)/12500))/8, -$   
 $(25\pi \cos((39\pi)/80) \cos((681\pi)/10000))/8, -$

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 $(25\pi \cos((191\pi)/400) \cos((3409\pi)/50000))/8, -$   
 $(25\pi \cos((19\pi)/40) \cos((341\pi)/5000))/8, -$   
 $(25\pi \cos((189\pi)/400) \cos((3411\pi)/50000))/8, -$   
 $(25\pi \cos((47\pi)/100) \cos((853\pi)/12500))/8, -$   
 $(25\pi \cos((187\pi)/400) \cos((3413\pi)/50000))/8, -$   
 $(25\pi \cos((93\pi)/200) \cos((1707\pi)/25000))/8, -$   
 $(25\pi \cos((37\pi)/80) \cos((683\pi)/10000))/8, -$   
 $(25\pi \cos((23\pi)/50) \cos((427\pi)/6250))/8, -$   
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 $(25\pi \cos((91\pi)/200) \cos((1709\pi)/25000))/8, -$   
 $(25\pi \cos((181\pi)/400) \cos((3419\pi)/50000))/8, -$   
 $(25\pi \cos((9\pi)/20) \cos((171\pi)/2500))/8, -$   
 $(25\pi \cos((179\pi)/400) \cos((3421\pi)/50000))/8, -$   
 $(25\pi \cos((89\pi)/200) \cos((1711\pi)/25000))/8, -$   
 $(25\pi \cos((177\pi)/400) \cos((3423\pi)/50000))/8, -$   
 $(25\pi \cos((11\pi)/25) \cos((214\pi)/3125))/8, -$   
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 $(25\pi \cos((87\pi)/200) \cos((1713\pi)/25000))/8, -$   
 $(25\pi \cos((173\pi)/400) \cos((3427\pi)/50000))/8, -$   
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 $(25\pi \cos((81\pi)/200) \cos((1719\pi)/25000))/8, -$   
 $(25\pi \cos((161\pi)/400) \cos((3439\pi)/50000))/8, - (25\pi \cos((43\pi)/625) * (5^{(1/2)}/4$   
 $- 1/4))/8, - (25\pi \cos((159\pi)/400) \cos((3441\pi)/50000))/8, -$   
 $(25\pi \cos((79\pi)/200) \cos((1721\pi)/25000))/8, -$   
 $(25\pi \cos((157\pi)/400) \cos((3443\pi)/50000))/8, -$   
 $(25\pi \cos((39\pi)/100) \cos((861\pi)/12500))/8, -$   
 $(25\pi \cos((31\pi)/80) \cos((689\pi)/10000))/8, -$   
 $(25\pi \cos((77\pi)/200) \cos((1723\pi)/25000))/8, -$   
 $(25\pi \cos((153\pi)/400) \cos((3447\pi)/50000))/8, -$   
 $(25\pi \cos((19\pi)/50) \cos((431\pi)/6250))/8, -$   
 $(25\pi \cos((151\pi)/400) \cos((3449\pi)/50000))/8, - (25\pi \cos((69\pi)/1000) * (2 -$   
 $2^{(1/2)})^{(1/2)})/16, - (25\pi \cos((149\pi)/400) \cos((3451\pi)/50000))/8, -$   
 $(25\pi \cos((37\pi)/100) \cos((863\pi)/12500))/8, -$   
 $(25\pi \cos((147\pi)/400) \cos((3453\pi)/50000))/8, -$   
 $(25\pi \cos((73\pi)/200) \cos((1727\pi)/25000))/8, -$   
 $(25\pi \cos((29\pi)/80) \cos((691\pi)/10000))/8, -$   
 $(25\pi \cos((9\pi)/25) \cos((216\pi)/3125))/8, -$   
 $(25\pi \cos((143\pi)/400) \cos((3457\pi)/50000))/8, -$   
 $(25\pi \cos((71\pi)/200) \cos((1729\pi)/25000))/8, -$

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 $(25\pi \cos((7\pi)/20) \cos((173\pi)/2500))/8, -$   
 $(25\pi \cos((139\pi)/400) \cos((3461\pi)/50000))/8, -$   
 $(25\pi \cos((69\pi)/200) \cos((1731\pi)/25000))/8, -$   
 $(25\pi \cos((137\pi)/400) \cos((3463\pi)/50000))/8, -$   
 $(25\pi \cos((17\pi)/50) \cos((433\pi)/6250))/8, -$   
 $(25\pi \cos((27\pi)/80) \cos((693\pi)/10000))/8, -$   
 $(25\pi \cos((67\pi)/200) \cos((1733\pi)/25000))/8, -$   
 $(25\pi \cos((133\pi)/400) \cos((3467\pi)/50000))/8, -$   
 $(25\pi \cos((33\pi)/100) \cos((867\pi)/12500))/8, -$   
 $(25\pi \cos((131\pi)/400) \cos((3469\pi)/50000))/8, -$   
 $(25\pi \cos((13\pi)/40) \cos((347\pi)/5000))/8, -$   
 $(25\pi \cos((129\pi)/400) \cos((3471\pi)/50000))/8, -$   
 $(25\pi \cos((8\pi)/25) \cos((217\pi)/3125))/8, -$   
 $(25\pi \cos((127\pi)/400) \cos((3473\pi)/50000))/8, -$   
 $(25\pi \cos((63\pi)/200) \cos((1737\pi)/25000))/8, -$   
 $(25\pi \cos((5\pi)/16) \cos((139\pi)/2000))/8, -$   
 $(25\pi \cos((31\pi)/100) \cos((869\pi)/12500))/8, -$   
 $(25\pi \cos((123\pi)/400) \cos((3477\pi)/50000))/8, -$   
 $(25\pi \cos((61\pi)/200) \cos((1739\pi)/25000))/8, -$   
 $(25\pi \cos((121\pi)/400) \cos((3479\pi)/50000))/8, - (25 \cdot 2^{(1/2)} \pi \cos((87\pi)/1250) \cdot (5$   
 $- 5^{(1/2)})^{(1/2)})/32, - (25\pi \cos((119\pi)/400) \cos((3481\pi)/50000))/8, -$   
 $(25\pi \cos((59\pi)/200) \cos((1741\pi)/25000))/8, -$   
 $(25\pi \cos((117\pi)/400) \cos((3483\pi)/50000))/8, -$   
 $(25\pi \cos((29\pi)/100) \cos((871\pi)/12500))/8, -$   
 $(25\pi \cos((23\pi)/80) \cos((697\pi)/10000))/8, -$   
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 $(25\pi \cos((11\pi)/40) \cos((349\pi)/5000))/8, -$   
 $(25\pi \cos((109\pi)/400) \cos((3491\pi)/50000))/8, -$   
 $(25\pi \cos((27\pi)/100) \cos((873\pi)/12500))/8, -$   
 $(25\pi \cos((107\pi)/400) \cos((3493\pi)/50000))/8, -$   
 $(25\pi \cos((53\pi)/200) \cos((1747\pi)/25000))/8, -$   
 $(25\pi \cos((21\pi)/80) \cos((699\pi)/10000))/8, -$   
 $(25\pi \cos((13\pi)/50) \cos((437\pi)/6250))/8, -$   
 $(25\pi \cos((103\pi)/400) \cos((3497\pi)/50000))/8, -$   
 $(25\pi \cos((51\pi)/200) \cos((1749\pi)/25000))/8, -$   
 $(25\pi \cos((101\pi)/400) \cos((3499\pi)/50000))/8, - (25 \cdot 2^{(1/2)} \pi \cos((7\pi)/100))/16]$



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