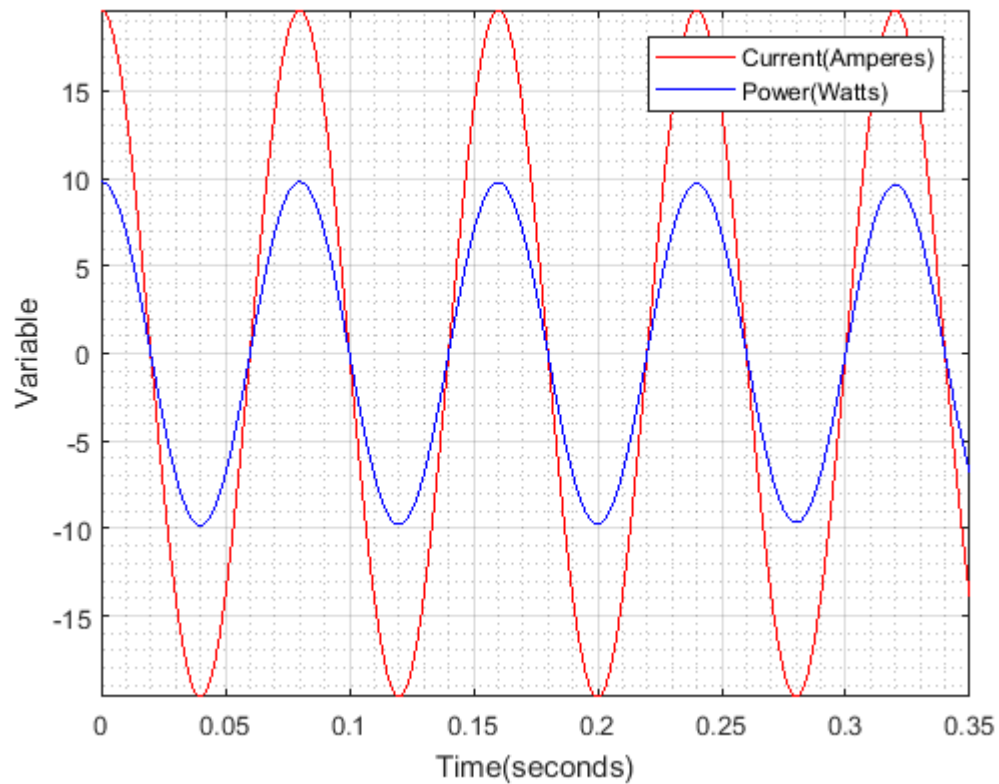


```

1. commandwindow
2. clear
3. clc
4. close all
5. syms t
6. Q = 0.25*sin (25*pi*t)
7. V = 0.5*cos(0.2*pi*t)
8. tn = 0:0.0001:0.35
9. Qp = subs( Q,tn)
10. Vp = subs (V,tn)
11. current = Q/t
12. I = diff(Q)
13. In = subs(I,tn)
14. Power = I*V
15. Pn = subs(Power,tn)
16. Pn=double(Pn)
17. figure(1)
18. plot(tn,In,tn,Pn)
19. plot(tn,In,'red',tn,Pn,'blue')
20. axis tight
21. grid on
22. grid minor
23. xlabel('Time(seconds)')
24. ylabel('Variable')
25. legend('Current (Amperes) ','Power (Watts)')

```



commandwindow

Q =

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

V =

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

tn =

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
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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

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Columns 1457 through 1463

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Columns 1800 through 1806

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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

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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 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 2171 through 2177

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Columns 2199 through 2205

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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 2381 through 2387

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Columns 2983 through 2989

0.2982 0.2983 0.2984 0.2985 0.2986 0.2987 0.2988

Columns 2990 through 2996

0.2989 0.2990 0.2991 0.2992 0.2993 0.2994 0.2995

Columns 2997 through 3003

0.2996 0.2997 0.2998 0.2999 0.3000 0.3001 0.3002

Columns 3004 through 3010

0.3003 0.3004 0.3005 0.3006 0.3007 0.3008 0.3009

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 3032 through 3038

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Columns 3039 through 3045

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Columns 3046 through 3052

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Columns 3053 through 3059

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Columns 3060 through 3066

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Columns 3067 through 3073

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Columns 3074 through 3080

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Columns 3081 through 3087

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Columns 3088 through 3094

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Columns 3095 through 3101

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Columns 3102 through 3108

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Columns 3109 through 3115

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Columns 3116 through 3122

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Columns 3123 through 3129

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Columns 3130 through 3136

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Columns 3137 through 3143

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Columns 3144 through 3150

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Columns 3151 through 3157

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Columns 3158 through 3164

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Columns 3172 through 3178

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Columns 3179 through 3185

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Columns 3186 through 3192

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Columns 3193 through 3199

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Columns 3200 through 3206

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Columns 3207 through 3213

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Columns 3214 through 3220

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Columns 3221 through 3227

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Columns 3228 through 3234

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Columns 3235 through 3241

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Columns 3242 through 3248

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Columns 3249 through 3255

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Columns 3256 through 3262

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Columns 3263 through 3269

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Columns 3270 through 3276

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Columns 3277 through 3283

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Columns 3284 through 3290

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Columns 3291 through 3297

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Columns 3298 through 3304

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Columns 3305 through 3311

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Columns 3312 through 3318

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Columns 3319 through 3325

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Columns 3326 through 3332

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Columns 3333 through 3339

0.3332 0.3333 0.3334 0.3335 0.3336 0.3337 0.3338

Columns 3340 through 3346

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Columns 3347 through 3353

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Columns 3354 through 3360

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Columns 3361 through 3367

0.3360 0.3361 0.3362 0.3363 0.3364 0.3365 0.3366

Columns 3368 through 3374

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Columns 3375 through 3381

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Columns 3382 through 3388

0.3381 0.3382 0.3383 0.3384 0.3385 0.3386 0.3387

Columns 3389 through 3395

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Columns 3396 through 3402

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Columns 3403 through 3409

0.3402 0.3403 0.3404 0.3405 0.3406 0.3407 0.3408

Columns 3410 through 3416

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Columns 3417 through 3423

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Columns 3424 through 3430

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Columns 3431 through 3437

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Columns 3438 through 3444

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Columns 3445 through 3451

0.3444 0.3445 0.3446 0.3447 0.3448 0.3449 0.3450

Columns 3452 through 3458

0.3451 0.3452 0.3453 0.3454 0.3455 0.3456 0.3457

Columns 3459 through 3465

0.3458 0.3459 0.3460 0.3461 0.3462 0.3463 0.3464

Columns 3466 through 3472

0.3465 0.3466 0.3467 0.3468 0.3469 0.3470 0.3471

Columns 3473 through 3479

0.3472 0.3473 0.3474 0.3475 0.3476 0.3477 0.3478

Columns 3480 through 3486

0.3479 0.3480 0.3481 0.3482 0.3483 0.3484 0.3485

Columns 3487 through 3493

0.3486 0.3487 0.3488 0.3489 0.3490 0.3491 0.3492

Columns 3494 through 3500

0.3493 0.3494 0.3495 0.3496 0.3497 0.3498 0.3499

Column 3501

0.3500

$\mathbb{Q}_p =$

[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, 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,

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

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

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

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

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

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

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

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 $-\sin((37\pi)/400)/4, -\sin((19\pi)/200)/4, -\sin((39\pi)/400)/4, 1/16 - 5^{(1/2)}/16,$
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 $-\sin((9\pi)/80)/4, -\sin((23\pi)/200)/4, -\sin((47\pi)/400)/4, -\sin((3\pi)/25)/4,$
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 $5^{(1/2)}/16 - 1/16, -\sin((121\pi)/400)/4, -\sin((61\pi)/200)/4, -\sin((123\pi)/400)/4,$
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 $-\sin((37\pi)/100)/4, -\sin((149\pi)/400)/4, -(2^{(1/2)} + 2)^{(1/2)}/8,$
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 $5^{(1/2)}/16 - 1/16, -\sin((119\pi)/400)/4, -\sin((59\pi)/200)/4, -\sin((117\pi)/400)/4,$
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 $(2^{(1/2)} * (5 - 5^{(1/2)}))^{(1/2)}/16, -\sin((79\pi)/400)/4, -\sin((39\pi)/200)/4,$
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 $\sin((43\pi)/400)/4, \sin((11\pi)/100)/4, \sin((9\pi)/80)/4, \sin((23\pi)/200)/4,$
 $\sin((47\pi)/400)/4, \sin((3\pi)/25)/4, \sin((49\pi)/400)/4, (2 - 2^{(1/2)})^{(1/2)}/8,$
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$\sin((59\pi)/400)/4, \sin((3\pi)/20)/4, \sin((61\pi)/400)/4, \sin((31\pi)/200)/4,$
 $\sin((63\pi)/400)/4, \sin((4\pi)/25)/4, \sin((13\pi)/80)/4, \sin((33\pi)$

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

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

$V_p =$

$[1/2, \cos(\pi/50000)/2, \cos(\pi/25000)/2, \cos((3\pi)/50000)/2, \cos(\pi/12500)/2,$
 $\cos(\pi/10000)/2, \cos((3\pi)/25000)/2, \cos((7\pi)/50000)/2, \cos(\pi/6250)/2,$
 $\cos((9\pi)/50000)/2, \cos(\pi/5000)/2, \cos((11\pi)/50000)/2, \cos((3\pi)/12500)/2,$
 $\cos((13\pi)/50000)/2, \cos((7\pi)/25000)/2, \cos((3\pi)/10000)/2, \cos(\pi/3125)/2,$
 $\cos((17\pi)/50000)/2, \cos((9\pi)/25000)/2, \cos((19\pi)/50000)/2, \cos(\pi/2500)/2,$
 $\cos((21\pi)/50000)/2, \cos((11\pi)/25000)/2, \cos((23\pi)/50000)/2, \cos((3\pi)/6250)/2,$
 $\cos(\pi/2000)/2, \cos((13\pi)/25000)/2, \cos((27\pi)/50000)/2, \cos((7\pi)/12500)/2,$
 $\cos((29\pi)/50000)/2, \cos((3\pi)/5000)/2, \cos((31\pi)/50000)/2, \cos((2\pi)/3125)/2,$
 $\cos((33\pi)/50000)/2, \cos((17\pi)/25000)/2, \cos((7\pi)/10000)/2, \cos((9\pi)/12500)/2,$
 $\cos((37\pi)/50000)/2, \cos((19\pi)/25000)/2, \cos((39\pi)/50000)/2, \cos(\pi/1250)/2,$
 $\cos((41\pi)/50000)/2, \cos((21\pi)/25000)/2, \cos((43\pi)/50000)/2, \cos((11\pi)/12500)/2,$
 $\cos((9\pi)/10000)/2, \cos((23\pi)/25000)/2, \cos((47\pi)/50000)/2, \cos((3\pi)/3125)/2,$
 $\cos((49\pi)/50000)/2, \cos(\pi/1000)/2, \cos((51\pi)/50000)/2, \cos((13\pi)/12500)/2,$
 $\cos((53\pi)/50000)/2, \cos((27\pi)/25000)/2, \cos((11\pi)/10000)/2, \cos((7\pi)/6250)/2,$
 $\cos((57\pi)/50000)/2, \cos((29\pi)/25000)/2, \cos((59\pi)/50000)/2, \cos((3\pi)/2500)/2,$
 $\cos((61\pi)/50000)/2, \cos((31\pi)/25000)/2, \cos((63\pi)/50000)/2, \cos((4\pi)/3125)/2,$
 $\cos((13\pi)/10000)/2, \cos((33\pi)/25000)/2, \cos((67\pi)/50000)/2, \cos((17\pi)/12500)/2,$
 $\cos((69\pi)/50000)/2, \cos((7\pi)/5000)/2, \cos((71\pi)/50000)/2, \cos((9\pi)/6250)/2,$
 $\cos((73\pi)/50000)/2, \cos((37\pi)/25000)/2, \cos((3\pi)/2000)/2, \cos((19\pi)/12500)/2,$
 $\cos((77\pi)/50000)/2, \cos((39\pi)/25000)/2, \cos((79\pi)/50000)/2, \cos(\pi/625)/2,$
 $\cos((81\pi)/50000)/2, \cos((41\pi)/25000)/2, \cos((83\pi)/50000)/2, \cos((21\pi)/12500)/2,$
 $\cos((17\pi)/10000)/2, \cos((43\pi)/25000)/2, \cos((87\pi)/50000)/2, \cos((11\pi)/6250)/2,$
 $\cos((89\pi)/50000)/2, \cos((9\pi)/5000)/2, \cos((91\pi)/50000)/2, \cos((23\pi)/12500)/2,$
 $\cos((93\pi)/50000)/2, \cos((47\pi)/25000)/2, \cos((19\pi)/10000)/2, \cos((6\pi)/3125)/2,$
 $\cos((97\pi)/50000)/2, \cos((49\pi)/25000)/2, \cos((99\pi)/50000)/2, \cos(\pi/500)/2,$
 $\cos((101\pi)/50000)/2, \cos((51\pi)/25000)/2, \cos((103\pi)/50000)/2,$
 $\cos((13\pi)/6250)/2, \cos((21\pi)/10000)/2, \cos((53\pi)/25000)/2, \cos((107\pi)/50000)/2,$
 $\cos((27\pi)/12500)/2, \cos((109\pi)/50000)/2, \cos((11\pi)/5000)/2,$
 $\cos((111\pi)/50000)/2, \cos((7\pi)/3125)/2, \cos((113\pi)/50000)/2, \cos((57\pi)/25000)/2,$
 $\cos((23\pi)/10000)/2, \cos((29\pi)/12500)/2, \cos((117\pi)/50000)/2,$
 $\cos((59\pi)/25000)/2, \cos((119\pi)/50000)/2, \cos((3\pi)/1250)/2, \cos((121\pi)/50000)/2,$

cos((61*pi)/25000)/2, cos((123*pi)/50000)/2, cos((31*pi)/12500)/2, cos(pi/400)/2,
cos((63*pi)/25000)/2, cos((127*pi)/50000)/2, cos((8*pi)/3125)/2, cos((129*pi)/50000)/2,
cos((13*pi)/5000)/2, cos((131*pi)/50000)/2, cos((33*pi)/12500)/2,
cos((133*pi)/50000)/2, cos((67*pi)/25000)/2, cos((27*pi)/10000)/2, cos((17*pi)/6250)/2,
cos((137*pi)/50000)/2, cos((69*pi)/25000)/2, cos((139*pi)/50000)/2, cos((7*pi)/2500)/2,
cos((141*pi)/50000)/2, cos((71*pi)/25000)/2, cos((143*pi)/50000)/2, cos((9*pi)/3125)/2,
cos((29*pi)/10000)/2, cos((73*pi)/25000)/2, cos((147*pi)/50000)/2,
cos((37*pi)/12500)/2, cos((149*pi)/50000)/2, cos((3*pi)/1000)/2, cos((151*pi)/50000)/2,
cos((19*pi)/6250)/2, cos((153*pi)/50000)/2, cos((77*pi)/25000)/2, cos((31*pi)/10000)/2,
cos((39*pi)/12500)/2, cos((157*pi)/50000)/2, cos((79*pi)/25000)/2,
cos((159*pi)/50000)/2, cos((2*pi)/625)/2, cos((161*pi)/50000)/2, cos((81*pi)/25000)/2,
cos((163*pi)/50000)/2, cos((41*pi)/12500)/2, cos((33*pi)/10000)/2,
cos((83*pi)/25000)/2, cos((167*pi)/50000)/2, cos((21*pi)/6250)/2,
cos((169*pi)/50000)/2, cos((17*pi)/5000)/2, cos((171*pi)/50000)/2,
cos((43*pi)/12500)/2, cos((173*pi)/50000)/2, cos((87*pi)/25000)/2, cos((7*pi)/2000)/2,
cos((11*pi)/3125)/2, cos((177*pi)/50000)/2, cos((89*pi)/25000)/2,
cos((179*pi)/50000)/2, cos((9*pi)/2500)/2, cos((181*pi)/50000)/2, cos((91*pi)/25000)/2,
cos((183*pi)/50000)/2, cos((23*pi)/6250)/2, cos((37*pi)/10000)/2, cos((93*pi)/25000)/2,
cos((187*pi)/50000)/2, cos((47*pi)/12500)/2, cos((189*pi)/50000)/2,
cos((19*pi)/5000)/2, cos((191*pi)/50000)/2, cos((12*pi)/3125)/2, cos((193*pi)/50000)/2,
cos((97*pi)/25000)/2, cos((39*pi)/10000)/2, cos((49*pi)/12500)/2,
cos((197*pi)/50000)/2, cos((99*pi)/25000)/2, cos((199*pi)/50000)/2, cos(pi/250)/2,
cos((201*pi)/50000)/2, cos((101*pi)/25000)/2, cos((203*pi)/50000)/2,
cos((51*pi)/12500)/2, cos((41*pi)/10000)/2, cos((103*pi)/25000)/2,
cos((207*pi)/50000)/2, cos((13*pi)/3125)/2, cos((209*pi)/50000)/2, cos((21*pi)/5000)/2,
cos((211*pi)/50000)/2, cos((53*pi)/12500)/2, cos((213*pi)/50000)/2,
cos((107*pi)/25000)/2, cos((43*pi)/10000)/2, cos((27*pi)/6250)/2,
cos((217*pi)/50000)/2, cos((109*pi)/25000)/2, cos((219*pi)/50000)/2,
cos((11*pi)/2500)/2, cos((221*pi)/50000)/2, cos((111*pi)/25000)/2,
cos((223*pi)/50000)/2, cos((14*pi)/3125)/2, cos((9*pi)/2000)/2, cos((113*pi)/25000)/2,
cos((227*pi)/50000)/2, cos((57*pi)/12500)/2, cos((229*pi)/50000)/2,
cos((23*pi)/5000)/2, cos((231*pi)/50000)/2, cos((29*pi)/6250)/2, cos((233*pi)/50000)/2,
cos((117*pi)/25000)/2, cos((47*pi)/10000)/2, cos((59*pi)/12500)/2,
cos((237*pi)/50000)/2, cos((119*pi)/25000)/2, cos((239*pi)/50000)/2, cos((3*pi)/625)/2,
cos((241*pi)/50000)/2, cos((121*pi)/25000)/2, cos((243*pi)/50000)/2,
cos((61*pi)/12500)/2, cos((49*pi)/10000)/2, cos((123*pi)/25000)/2,
cos((247*pi)/50000)/2, cos((31*pi)/6250)/2, cos((249*pi)/50000)/2, cos(pi/200)/2,
cos((251*pi)/50000)/2, cos((63*pi)/12500)/2, cos((253*pi)/50000)/2,
cos((127*pi)/25000)/2, cos((51*pi)/10000)/2, cos((16*pi)/3125)/2,
cos((257*pi)/50000)/2, cos((129*pi)/25000)/2, cos((259*pi)/50000)/2,
cos((13*pi)/2500)/2, cos((261*pi)/50000)/2, cos((131*pi)/25000)/2,
cos((263*pi)/50000)/2, cos((33*pi)/6250)/2, cos((53*pi)/10000)/2,
cos((133*pi)/25000)/2, cos((267*pi)/50000)/2, cos((67*pi)/12500)/2,
cos((269*pi)/50000)/2, cos((27*pi)/5000)/2, cos((271*pi)/50000)/2, cos((17*pi)/3125)/2,
cos((273*pi)/50000)/2, cos((137*pi)/25000)/2, cos((11*pi)/2000)/2,
cos((69*pi)/12500)/2, cos((277*pi)/50000)/2, cos((139*pi)/25000)/2,
cos((279*pi)/50000)/2, cos((7*pi)/1250)/2, cos((281*pi)/50000)/2,
cos((141*pi)/25000)/2, cos((283*pi)/50000)/2, cos((71*pi)/12500)/2,
cos((57*pi)/10000)/2, cos((143*pi)/25000)/2, cos((287*pi)/50000)/2,
cos((18*pi)/3125)/2, cos((289*pi)/50000)/2, cos((29*pi)/5000)/2, cos((291*pi)/50000)/2,
cos((73*pi)/12500)/2, cos((293*pi)/50000)/2, cos((147*pi)/25000)/2,
cos((59*pi)/10000)/2, cos((37*pi)/6250)/2, cos((297*pi)/50000)/2,
cos((149*pi)/25000)/2, cos((299*pi)/50000)/2, cos((3*pi)/500)/2, cos((301*pi)/50000)/2,
cos((151*pi)/25000)/2, cos((303*pi)/50000)/2, cos((19*pi)/3125)/2,
cos((61*pi)/10000)/2, cos((153*pi)/25000)/2, cos((307*pi)/50000)/2,

cos((77*pi)/12500)/2, cos((309*pi)/50000)/2, cos((31*pi)/5000)/2,
cos((311*pi)/50000)/2, cos((39*pi)/6250)/2, cos((313*pi)/50000)/2,
cos((157*pi)/25000)/2, cos((63*pi)/10000)/2, cos((79*pi)/12500)/2,
cos((317*pi)/50000)/2, cos((159*pi)/25000)/2, cos((319*pi)/50000)/2, cos((4*pi)/625)/2,
cos((321*pi)/50000)/2, cos((161*pi)/25000)/2, cos((323*pi)/50000)/2,
cos((81*pi)/12500)/2, cos((13*pi)/2000)/2, cos((163*pi)/25000)/2,
cos((327*pi)/50000)/2, cos((41*pi)/6250)/2, cos((329*pi)/50000)/2, cos((33*pi)/5000)/2,
cos((331*pi)/50000)/2, cos((83*pi)/12500)/2, cos((333*pi)/50000)/2,
cos((167*pi)/25000)/2, cos((67*pi)/10000)/2, cos((21*pi)/3125)/2,
cos((337*pi)/50000)/2, cos((169*pi)/25000)/2, cos((339*pi)/50000)/2,
cos((17*pi)/2500)/2, cos((341*pi)/50000)/2, cos((171*pi)/25000)/2,
cos((343*pi)/50000)/2, cos((43*pi)/6250)/2, cos((69*pi)/10000)/2,
cos((173*pi)/25000)/2, cos((347*pi)/50000)/2, cos((87*pi)/12500)/2,
cos((349*pi)/50000)/2, cos((7*pi)/1000)/2, cos((351*pi)/50000)/2, cos((22*pi)/3125)/2,
cos((353*pi)/50000)/2, cos((177*pi)/25000)/2, cos((71*pi)/10000)/2,
cos((89*pi)/12500)/2, cos((357*pi)/50000)/2, cos((179*pi)/25000)/2,
cos((359*pi)/50000)/2, cos((9*pi)/1250)/2, cos((361*pi)/50000)/2,
cos((181*pi)/25000)/2, cos((363*pi)/50000)/2, cos((91*pi)/12500)/2,
cos((73*pi)/10000)/2, cos((183*pi)/25000)/2, cos((367*pi)/50000)/2,
cos((23*pi)/3125)/2, cos((369*pi)/50000)/2, cos((37*pi)/5000)/2, cos((371*pi)/50000)/2,
cos((93*pi)/12500)/2, cos((373*pi)/50000)/2, cos((187*pi)/25000)/2, cos((3*pi)/400)/2,
cos((47*pi)/6250)/2, cos((377*pi)/50000)/2, cos((189*pi)/25000)/2,
cos((379*pi)/50000)/2, cos((19*pi)/2500)/2, cos((381*pi)/50000)/2,
cos((191*pi)/25000)/2, cos((383*pi)/50000)/2, cos((24*pi)/3125)/2,
cos((77*pi)/10000)/2, cos((193*pi)/25000)/2, cos((387*pi)/50000)/2,
cos((97*pi)/12500)/2, cos((389*pi)/50000)/2, cos((39*pi)/5000)/2,
cos((391*pi)/50000)/2, cos((49*pi)/6250)/2, cos((393*pi)/50000)/2,
cos((197*pi)/25000)/2, cos((79*pi)/10000)/2, cos((99*pi)/12500)/2,
cos((397*pi)/50000)/2, cos((199*pi)/25000)/2, cos((399*pi)/50000)/2, cos(pi/125)/2,
cos((401*pi)/50000)/2, cos((201*pi)/25000)/2, cos((403*pi)/50000)/2,
cos((101*pi)/12500)/2, cos((81*pi)/10000)/2, cos((203*pi)/25000)/2,
cos((407*pi)/50000)/2, cos((51*pi)/6250)/2, cos((409*pi)/50000)/2, cos((41*pi)/5000)/2,
cos((411*pi)/50000)/2, cos((103*pi)/12500)/2, cos((413*pi)/50000)/2,
cos((207*pi)/25000)/2, cos((83*pi)/10000)/2, cos((26*pi)/3125)/2,
cos((417*pi)/50000)/2, cos((209*pi)/25000)/2, cos((419*pi)/50000)/2,
cos((21*pi)/2500)/2, cos((421*pi)/50000)/2, cos((211*pi)/25000)/2,
cos((423*pi)/50000)/2, cos((53*pi)/6250)/2, cos((17*pi)/2000)/2, cos((213*pi)/25000)/2,
cos((427*pi)/50000)/2, cos((107*pi)/12500)/2, cos((429*pi)/50000)/2,
cos((43*pi)/5000)/2, cos((431*pi)/50000)/2, cos((27*pi)/3125)/2, cos((433*pi)/50000)/2,
cos((217*pi)/25000)/2, cos((87*pi)/10000)/2, cos((109*pi)/12500)/2,
cos((437*pi)/50000)/2, cos((219*pi)/25000)/2, cos((439*pi)/50000)/2,
cos((11*pi)/1250)/2, cos((441*pi)/50000)/2, cos((221*pi)/25000)/2,
cos((443*pi)/50000)/2, cos((111*pi)/12500)/2, cos((89*pi)/10000)/2,
cos((223*pi)/25000)/2, cos((447*pi)/50000)/2, cos((28*pi)/3125)/2,
cos((449*pi)/50000)/2, cos((9*pi)/1000)/2, cos((451*pi)/50000)/2,
cos((113*pi)/12500)/2, cos((453*pi)/50000)/2, cos((227*pi)/25000)/2,
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 $\cos((3179\pi)/50000)/2, \cos((159\pi)/2500)/2, \cos((3181\pi)/50000)/2,$
 $\cos((1591\pi)/25000)/2, \cos((3183\pi)/50000)/2, \cos((199\pi)/3125)/2,$
 $\cos((637\pi)/10000)/2, \cos((1593\pi)/25000)/2, \cos((3187\pi)/50000)/2,$
 $\cos((797\pi)/12500)/2, \cos((3189\pi)/50000)/2, \cos((319\pi)/5000)/2,$
 $\cos((3191\pi)/50000)/2, \cos((399\pi)/6250)/2, \cos((3193\pi)/50000)/2,$
 $\cos((1597\pi)/25000)/2, \cos((639\pi)/10000)/2, \cos((799\pi)/12500)/2,$
 $\cos((3197\pi)/50000)/2, \cos((1599\pi)/25000)/2, \cos((3199\pi)/50000)/2,$
 $\cos((8\pi)/125)/2, \cos((3201\pi)/50000)/2, \cos((1601\pi)/25000)/2,$
 $\cos((3203\pi)/50000)/2, \cos((801\pi)/12500)/2, \cos((641\pi)/10000)/2,$
 $\cos((1603\pi)/25000)/2, \cos((3207\pi)/50000)/2, \cos((401\pi)/6250)/2,$
 $\cos((3209\pi)/50000)/2, \cos((321\pi)/5000)/2, \cos((3211\pi)/50000)/2,$
 $\cos((803\pi)/12500)/2, \cos((3213\pi)/50000)/2, \cos((1607\pi)/25000)/2,$
 $\cos((643\pi)/10000)/2, \cos((201\pi)/3125)/2, \cos((3217\pi)/50000)/2,$
 $\cos((1609\pi)/25000)/2, \cos((3219\pi)/50000)/2, \cos((161\pi)/2500)/2,$
 $\cos((3221\pi)/50000)/2, \cos((1611\pi)/25000)/2, \cos((3223\pi)/50000)/2,$
 $\cos((403\pi)/6250)/2, \cos((129\pi)/2000)/2, \cos((1613\pi)/25000)/2,$
 $\cos((3227\pi)/50000)/2, \cos((807\pi)/12500)/2, \cos((3229\pi)/50000)/2,$
 $\cos((323\pi)/5000)/2, \cos((3231\pi)/50000)/2, \cos((202\pi)/3125)/2,$
 $\cos((3233\pi)/50000)/2, \cos((1617\pi)/25000)/2, \cos((647\pi)/10000)/2,$
 $\cos((809\pi)/12500)/2, \cos((3237\pi)/50000)/2, \cos((1619\pi)/25000)/2,$
 $\cos((3239\pi)/50000)/2, \cos((81\pi)/1250)/2, \cos((3241\pi)/50000)/2,$
 $\cos((1621\pi)/25000)/2, \cos((3243\pi)/50000)/2, \cos((811\pi)/12500)/2,$
 $\cos((649\pi)/10000)/2, \cos((1623\pi)/25000)/2, \cos((3247\pi)/50000)/2,$
 $\cos((203\pi)/3125)/2, \cos((3249\pi)/50000)/2, \cos((13\pi)/200)/2,$
 $\cos((3251\pi)/50000)/2, \cos((813\pi)/12500)/2, \cos((3253\pi)/50000)/2,$
 $\cos((1627\pi)/25000)/2, \cos((651\pi)/10000)/2, \cos((407\pi)/6250)/2,$
 $\cos((3257\pi)/50000)/2, \cos((1629\pi)/25000)/2, \cos((3259\pi)/50000)/2,$

cos((163*pi)/2500)/2, cos((3261*pi)/50000)/2, cos((1631*pi)/25000)/2,
cos((3263*pi)/50000)/2, cos((204*pi)/3125)/2, cos((653*pi)/10000)/2,
cos((1633*pi)/25000)/2, cos((3267*pi)/50000)/2, cos((817*pi)/12500)/2,
cos((3269*pi)/50000)/2, cos((327*pi)/5000)/2, cos((3271*pi)/50000)/2,
cos((409*pi)/6250)/2, cos((3273*pi)/50000)/2, cos((1637*pi)/25000)/2,
cos((131*pi)/2000)/2, cos((819*pi)/12500)/2, cos((3277*pi)/50000)/2,
cos((1639*pi)/25000)/2, cos((3279*pi)/50000)/2, cos((41*pi)/625)/2,
cos((3281*pi)/50000)/2, cos((1641*pi)/25000)/2, cos((3283*pi)/50000)/2,
cos((821*pi)/12500)/2, cos((657*pi)/10000)/2, cos((1643*pi)/25000)/2,
cos((3287*pi)/50000)/2, cos((411*pi)/6250)/2, cos((3289*pi)/50000)/2,
cos((329*pi)/5000)/2, cos((3291*pi)/50000)/2, cos((823*pi)/12500)/2,
cos((3293*pi)/50000)/2, cos((1647*pi)/25000)/2, cos((659*pi)/10000)/2,
cos((206*pi)/3125)/2, cos((3297*pi)/50000)/2, cos((1649*pi)/25000)/2,
cos((3299*pi)/50000)/2, cos((33*pi)/500)/2, cos((3301*pi)/50000)/2,
cos((1651*pi)/25000)/2, cos((3303*pi)/50000)/2, cos((413*pi)/6250)/2,
cos((661*pi)/10000)/2, cos((1653*pi)/25000)/2, cos((3307*pi)/50000)/2,
cos((827*pi)/12500)/2, cos((3309*pi)/50000)/2, cos((331*pi)/5000)/2,
cos((3311*pi)/50000)/2, cos((207*pi)/3125)/2, cos((3313*pi)/50000)/2,
cos((1657*pi)/25000)/2, cos((663*pi)/10000)/2, cos((829*pi)/12500)/2,
cos((3317*pi)/50000)/2, cos((1659*pi)/25000)/2, cos((3319*pi)/50000)/2,
cos((83*pi)/1250)/2, cos((3321*pi)/50000)/2, cos((1661*pi)/25000)/2,
cos((3323*pi)/50000)/2, cos((831*pi)/12500)/2, cos((133*pi)/2000)/2,
cos((1663*pi)/25000)/2, cos((3327*pi)/50000)/2, cos((208*pi)/3125)/2,
cos((3329*pi)/50000)/2, cos((333*pi)/5000)/2, cos((3331*pi)/50000)/2,
cos((833*pi)/12500)/2, cos((3333*pi)/50000)/2, cos((1667*pi)/25000)/2,
cos((667*pi)/10000)/2, cos((417*pi)/6250)/2, cos((3337*pi)/50000)/2,
cos((1669*pi)/25000)/2, cos((3339*pi)/50000)/2, cos((167*pi)/2500)/2,
cos((3341*pi)/50000)/2, cos((1671*pi)/25000)/2, cos((3343*pi)/50000)/2,
cos((209*pi)/3125)/2, cos((669*pi)/10000)/2, cos((1673*pi)/25000)/2,
cos((3347*pi)/50000)/2, cos((837*pi)/12500)/2, cos((3349*pi)/50000)/2,
cos((67*pi)/1000)/2, cos((3351*pi)/50000)/2, cos((419*pi)/6250)/2,
cos((3353*pi)/50000)/2, cos((1677*pi)/25000)/2, cos((671*pi)/10000)/2,
cos((839*pi)/12500)/2, cos((3357*pi)/50000)/2, cos((1679*pi)/25000)/2,
cos((3359*pi)/50000)/2, cos((42*pi)/625)/2, cos((3361*pi)/50000)/2,
cos((1681*pi)/25000)/2, cos((3363*pi)/50000)/2, cos((841*pi)/12500)/2,
cos((673*pi)/10000)/2, cos((1683*pi)/25000)/2, cos((3367*pi)/50000)/2,
cos((421*pi)/6250)/2, cos((3369*pi)/50000)/2, cos((337*pi)/5000)/2,
cos((3371*pi)/50000)/2, cos((843*pi)/12500)/2, cos((3373*pi)/50000)/2,
cos((1687*pi)/25000)/2, cos((27*pi)/400)/2, cos((211*pi)/3125)/2,
cos((3377*pi)/50000)/2, cos((1689*pi)/25000)/2, cos((3379*pi)/50000)/2,
cos((169*pi)/2500)/2, cos((3381*pi)/50000)/2, cos((1691*pi)/25000)/2,
cos((3383*pi)/50000)/2, cos((423*pi)/6250)/2, cos((677*pi)/10000)/2,
cos((1693*pi)/25000)/2, cos((3387*pi)/50000)/2, cos((847*pi)/12500)/2,
cos((3389*pi)/50000)/2, cos((339*pi)/5000)/2, cos((3391*pi)/50000)/2,
cos((212*pi)/3125)/2, cos((3393*pi)/50000)/2, cos((1697*pi)/25000)/2,
cos((679*pi)/10000)/2, cos((849*pi)/12500)/2, cos((3397*pi)/50000)/2,
cos((1699*pi)/25000)/2, cos((3399*pi)/50000)/2, cos((17*pi)/250)/2,
cos((3401*pi)/50000)/2, cos((1701*pi)/25000)/2, cos((3403*pi)/50000)/2,
cos((851*pi)/12500)/2, cos((681*pi)/10000)/2, cos((1703*pi)/25000)/2,
cos((3407*pi)/50000)/2, cos((213*pi)/3125)/2, cos((3409*pi)/50000)/2,
cos((341*pi)/5000)/2, cos((3411*pi)/50000)/2, cos((853*pi)/12500)/2,

cos((3413*pi)/50000)/2, cos((1707*pi)/25000)/2, cos((683*pi)/10000)/2,
cos((427*pi)/6250)/2, cos((3417*pi)/50000)/2, cos((1709*pi)/25000)/2,
cos((3419*pi)/50000)/2, cos((171*pi)/2500)/2, cos((3421*pi)/50000)/2,
cos((1711*pi)/25000)/2, cos((3423*pi)/50000)/2, cos((214*pi)/3125)/2,
cos((137*pi)/2000)/2, cos((1713*pi)/25000)/2, cos((3427*pi)/50000)/2,
cos((857*pi)/12500)/2, cos((3429*pi)/50000)/2, cos((343*pi)/5000)/2,
cos((3431*pi)/50000)/2, cos((429*pi)/6250)/2, cos((3433*pi)/50000)/2,
cos((1717*pi)/25000)/2, cos((687*pi)/10000)/2, cos((859*pi)/12500)/2,
cos((3437*pi)/50000)/2, cos((1719*pi)/25000)/2, cos((3439*pi)/50000)/2,
cos((43*pi)/625)/2, cos((3441*pi)/50000)/2, cos((1721*pi)/25000)/2,
cos((3443*pi)/50000)/2, cos((861*pi)/12500)/2, cos((689*pi)/10000)/2,
cos((1723*pi)/25000)/2, cos((3447*pi)/50000)/2, cos((431*pi)/6250)/2,
cos((3449*pi)/50000)/2, cos((69*pi)/1000)/2, cos((3451*pi)/50000)/2,
cos((863*pi)/12500)/2, cos((3453*pi)/50000)/2, cos((1727*pi)/25000)/2,
cos((691*pi)/10000)/2, cos((216*pi)/3125)/2, cos((3457*pi)/50000)/2,
cos((1729*pi)/25000)/2, cos((3459*pi)/50000)/2, cos((173*pi)/2500)/2,
cos((3461*pi)/50000)/2, cos((1731*pi)/25000)/2, cos((3463*pi)/50000)/2,
cos((433*pi)/6250)/2, cos((693*pi)/10000)/2, cos((1733*pi)/25000)/2,
cos((3467*pi)/50000)/2, cos((867*pi)/12500)/2, cos((3469*pi)/50000)/2,
cos((347*pi)/5000)/2, cos((3471*pi)/50000)/2, cos((217*pi)/3125)/2,
cos((3473*pi)/50000)/2, cos((1737*pi)/25000)/2, cos((139*pi)/2000)/2,
cos((869*pi)/12500)/2, cos((3477*pi)/50000)/2, cos((1739*pi)/25000)/2,
cos((3479*pi)/50000)/2, cos((87*pi)/1250)/2, cos((3481*pi)/50000)/2,
cos((1741*pi)/25000)/2, cos((3483*pi)/50000)/2, cos((871*pi)/12500)/2,
cos((697*pi)/10000)/2, cos((1743*pi)/25000)/2, cos((3487*pi)/50000)/2,
cos((218*pi)/3125)/2, cos((3489*pi)/50000)/2, cos((349*pi)/5000)/2,
cos((3491*pi)/50000)/2, cos((873*pi)/12500)/2, cos((3493*pi)/50000)/2,
cos((1747*pi)/25000)/2, cos((699*pi)/10000)/2, cos((437*pi)/6250)/2,
cos((3497*pi)/50000)/2, cos((1749*pi)/25000)/2, cos((3499*pi)/50000)/2,
cos((7*pi)/100)/2]

current =

sin(25*pi*t)/(4*t)

I =

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

In =

$$\begin{aligned} & [(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, \end{aligned}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$(25\pi \cos((177\pi)/400))/4, -(25\pi \cos((89\pi)/200))/4, -(25\pi \cos((179\pi)/400))/4,$
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 $(25\pi \cos((93\pi)/200))/4, -(25\pi \cos((187\pi)/400))/4, -(25\pi \cos((47\pi)/100))/4,$
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 $(25\pi \cos((23\pi)/50))/4, (25\pi \cos((183\pi)/400))/4, (25\pi \cos((91\pi)/200))/4,$
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 $(25\pi \cos((89\pi)/200))/4, (25\pi \cos((177\pi)/400))/4, (25\pi \cos((11\pi)/25))/4,$
 $(25\pi \cos((7\pi)/16))/4, (25\pi \cos((87\pi)/200))/4, (25\pi \cos((173\pi)/400))/4,$
 $(25\pi \cos((43\pi)/100))/4, (25\pi \cos((171\pi)/400))/4, (25\pi \cos((17\pi)/40))/4,$
 $(25\pi \cos((169\pi)/400))/4, (25\pi \cos((21\pi)/50))/4, (25\pi \cos((167\pi)/400))/4,$
 $(25\pi \cos((83\pi)/200))/4, (25\pi \cos((33\pi)/80))/4, (25\pi \cos((41\pi)/100))/4,$
 $(25\pi \cos((163\pi)/400))/4, (25\pi \cos((81\pi)/200))/4, (25\pi \cos((161\pi)/400))/4,$
 $(25\pi \cos((5^{1/2}/4 - 1/4))/4, (25\pi \cos((159\pi)/400))/4, (25\pi \cos((79\pi)/200))/4,$
 $(25\pi \cos((157\pi)/400))/4, (25\pi \cos((39\pi)/100))/4, (25\pi \cos((31\pi)/80))/4,$
 $(25\pi \cos((77\pi)/200))/4, (25\pi \cos((153\pi)/400))/4, (25\pi \cos((19\pi)/50))/4,$
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 $(25\pi \cos((149\pi)/400))/4, (25\pi \cos((37\pi)/100))/4, (25\pi \cos((147\pi)/400))/4,$
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 $(25\pi \cos((143\pi)/400))/4, (25\pi \cos((71\pi)/200))/4, (25\pi \cos((141\pi)/400))/4,$
 $(25\pi \cos((7\pi)/20))/4, (25\pi \cos((139\pi)/400))/4, (25\pi \cos((69\pi)/200))/4,$
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 $(25\pi \cos((8\pi)/25))/4, (25\pi \cos((127\pi)/400))/4, (25\pi \cos((63\pi)/200))/4,$
 $(25\pi \cos((5\pi)/16))/4, (25\pi \cos((31\pi)/100))/4, (25\pi \cos((123\pi)/400))/4,$
 $(25\pi \cos((61\pi)/200))/4, (25\pi \cos((121\pi)/400))/4, (25 \cdot 2^{1/2} \pi (5 -$
 $5^{1/2})^{1/2})/16, (25\pi \cos((119\pi)/400))/4, (25\pi \cos((59\pi)/200))/4,$
 $(25\pi \cos((117\pi)/400))/4, (25\pi \cos((29\pi)/100))/4, (25\pi \cos((23\pi)/80))/4,$
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 $(25\pi \cos((21\pi)/100))/4, (25\pi \cos((83\pi)/400))/4, (25\pi \cos((41\pi)/200))/4,$
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 $(25\pi \cos((3\pi)/16))/4, (25\pi \cos((37\pi)/200))/4, (25\pi \cos((73\pi)/400))/4,$

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 $(25\pi \cos(21\pi/200))/4$, $(25\pi \cos(41\pi/400))/4$, $(25\pi \cos(2^{1/2} * (5^{1/2} + 5)^{1/2}))/16$,
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 $(25\pi \cos(17\pi/100))/4$, $(25\pi \cos(69\pi/400))/4$, $(25\pi \cos(7\pi/40))/4$,
 $(25\pi \cos(71\pi/400))/4$, $(25\pi \cos(9\pi/50))/4$, $(25\pi \cos(73\pi/400))/4$,
 $(25\pi \cos(37\pi/200))/4$, $(25\pi \cos(3\pi/16))/4$, $(25\pi \cos(19\pi/100))/4$,
 $(25\pi \cos(77\pi/400))/4$, $(25\pi \cos(39\pi/200))/4$, $(25\pi \cos(79\pi/400))/4$,

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

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

Power =

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

Pn =

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

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

$(25\pi \cos((73\pi)/400) \cos((73\pi)/50000))/8,$
 $(25\pi \cos((37\pi)/200) \cos((37\pi)/25000))/8,$
 $(25\pi \cos((3\pi)/16) \cos((3\pi)/2000))/8,$
 $(25\pi \cos((19\pi)/100) \cos((19\pi)/12500))/8,$
 $(25\pi \cos((77\pi)/400) \cos((77\pi)/50000))/8,$
 $(25\pi \cos((39\pi)/200) \cos((39\pi)/25000))/8,$
 $(25\pi \cos((79\pi)/400) \cos((79\pi)/50000))/8, (25\pi \cos(\pi/625) * (5^{(1/2)}/4 + 1/4))/8,$
 $(25\pi \cos((81\pi)/400) \cos((81\pi)/50000))/8,$
 $(25\pi \cos((41\pi)/200) \cos((41\pi)/25000))/8,$
 $(25\pi \cos((83\pi)/400) \cos((83\pi)/50000))/8,$
 $(25\pi \cos((21\pi)/100) \cos((21\pi)/12500))/8,$
 $(25\pi \cos((17\pi)/80) \cos((17\pi)/10000))/8,$
 $(25\pi \cos((43\pi)/200) \cos((43\pi)/25000))/8,$
 $(25\pi \cos((87\pi)/400) \cos((87\pi)/50000))/8,$
 $(25\pi \cos((11\pi)/50) \cos((11\pi)/6250))/8,$
 $(25\pi \cos((89\pi)/400) \cos((89\pi)/50000))/8,$
 $(25\pi \cos((9\pi)/40) \cos((9\pi)/5000))/8,$
 $(25\pi \cos((91\pi)/400) \cos((91\pi)/50000))/8,$
 $(25\pi \cos((23\pi)/100) \cos((23\pi)/12500))/8,$
 $(25\pi \cos((93\pi)/400) \cos((93\pi)/50000))/8,$
 $(25\pi \cos((47\pi)/200) \cos((47\pi)/25000))/8,$
 $(25\pi \cos((19\pi)/80) \cos((19\pi)/10000))/8,$
 $(25\pi \cos((6\pi)/25) \cos((6\pi)/3125))/8,$
 $(25\pi \cos((97\pi)/400) \cos((97\pi)/50000))/8,$
 $(25\pi \cos((49\pi)/200) \cos((49\pi)/25000))/8,$
 $(25\pi \cos((99\pi)/400) \cos((99\pi)/50000))/8, (25*2^{(1/2)}\pi \cos(\pi/500))/16,$
 $(25\pi \cos((101\pi)/400) \cos((101\pi)/50000))/8,$
 $(25\pi \cos((51\pi)/200) \cos((51\pi)/25000))/8,$
 $(25\pi \cos((103\pi)/400) \cos((103\pi)/50000))/8,$
 $(25\pi \cos((13\pi)/50) \cos((13\pi)/6250))/8,$
 $(25\pi \cos((21\pi)/80) \cos((21\pi)/10000))/8,$
 $(25\pi \cos((53\pi)/200) \cos((53\pi)/25000))/8,$
 $(25\pi \cos((107\pi)/400) \cos((107\pi)/50000))/8,$
 $(25\pi \cos((27\pi)/100) \cos((27\pi)/12500))/8,$
 $(25\pi \cos((109\pi)/400) \cos((109\pi)/50000))/8,$
 $(25\pi \cos((11\pi)/40) \cos((11\pi)/5000))/8,$
 $(25\pi \cos((111\pi)/400) \cos((111\pi)/50000))/8,$
 $(25\pi \cos((7\pi)/25) \cos((7\pi)/3125))/8,$
 $(25\pi \cos((113\pi)/400) \cos((113\pi)/50000))/8,$
 $(25\pi \cos((57\pi)/200) \cos((57\pi)/25000))/8,$
 $(25\pi \cos((23\pi)/80) \cos((23\pi)/10000))/8,$
 $(25\pi \cos((29\pi)/100) \cos((29\pi)/12500))/8,$
 $(25\pi \cos((117\pi)/400) \cos((117\pi)/50000))/8,$
 $(25\pi \cos((59\pi)/200) \cos((59\pi)/25000))/8,$
 $(25\pi \cos((119\pi)/400) \cos((119\pi)/50000))/8, (25*2^{(1/2)}\pi \cos((3\pi)/1250) * (5 - 5^{(1/2)})^{(1/2)})/32,$
 $(25\pi \cos((121\pi)/400) \cos((121\pi)/50000))/8,$
 $(25\pi \cos((61\pi)/200) \cos((61\pi)/25000))/8,$
 $(25\pi \cos((123\pi)/400) \cos((123\pi)/50000))/8,$
 $(25\pi \cos((31\pi)/100) \cos((31\pi)/12500))/8, (25\pi \cos((5\pi)/16) \cos(\pi/400))/8,$
 $(25\pi \cos((63\pi)/200) \cos((63\pi)/25000))/8,$
 $(25\pi \cos((127\pi)/400) \cos((127\pi)/50000))/8,$
 $(25\pi \cos((8\pi)/25) \cos((8\pi)/3125))/8,$
 $(25\pi \cos((129\pi)/400) \cos((129\pi)/50000))/8,$
 $(25\pi \cos((13\pi)/40) \cos((13\pi)/5000))/8,$
 $(25\pi \cos((131\pi)/400) \cos((131\pi)/50000))/8,$

$(25\pi \cos((33\pi)/100) \cos((33\pi)/12500))/8,$
 $(25\pi \cos((133\pi)/400) \cos((133\pi)/50000))/8,$
 $(25\pi \cos((67\pi)/200) \cos((67\pi)/25000))/8,$
 $(25\pi \cos((27\pi)/80) \cos((27\pi)/10000))/8,$
 $(25\pi \cos((17\pi)/50) \cos((17\pi)/6250))/8,$
 $(25\pi \cos((137\pi)/400) \cos((137\pi)/50000))/8,$
 $(25\pi \cos((69\pi)/200) \cos((69\pi)/25000))/8,$
 $(25\pi \cos((139\pi)/400) \cos((139\pi)/50000))/8,$
 $(25\pi \cos((7\pi)/20) \cos((7\pi)/2500))/8,$
 $(25\pi \cos((141\pi)/400) \cos((141\pi)/50000))/8,$
 $(25\pi \cos((71\pi)/200) \cos((71\pi)/25000))/8,$
 $(25\pi \cos((143\pi)/400) \cos((143\pi)/50000))/8,$
 $(25\pi \cos((9\pi)/25) \cos((9\pi)/3125))/8,$
 $(25\pi \cos((29\pi)/80) \cos((29\pi)/10000))/8,$
 $(25\pi \cos((73\pi)/200) \cos((73\pi)/25000))/8,$
 $(25\pi \cos((147\pi)/400) \cos((147\pi)/50000))/8,$
 $(25\pi \cos((37\pi)/100) \cos((37\pi)/12500))/8,$
 $(25\pi \cos((149\pi)/400) \cos((149\pi)/50000))/8, (25\pi \cos((3\pi)/1000) * (2 -$
 $2^{(1/2)})^{(1/2)})/16, (25\pi \cos((151\pi)/400) \cos((151\pi)/50000))/8,$
 $(25\pi \cos((19\pi)/50) \cos((19\pi)/6250))/8,$
 $(25\pi \cos((153\pi)/400) \cos((153\pi)/50000))/8,$
 $(25\pi \cos((77\pi)/200) \cos((77\pi)/25000))/8,$
 $(25\pi \cos((31\pi)/80) \cos((31\pi)/10000))/8,$
 $(25\pi \cos((39\pi)/100) \cos((39\pi)/12500))/8,$
 $(25\pi \cos((157\pi)/400) \cos((157\pi)/50000))/8,$
 $(25\pi \cos((79\pi)/200) \cos((79\pi)/25000))/8,$
 $(25\pi \cos((159\pi)/400) \cos((159\pi)/50000))/8, (25\pi \cos((2\pi)/625) * (5^{(1/2)}/4 -$
 $1/4))/8, (25\pi \cos((161\pi)/400) \cos((161\pi)/50000))/8,$
 $(25\pi \cos((81\pi)/200) \cos((81\pi)/25000))/8,$
 $(25\pi \cos((163\pi)/400) \cos((163\pi)/50000))/8,$
 $(25\pi \cos((41\pi)/100) \cos((41\pi)/12500))/8,$
 $(25\pi \cos((33\pi)/80) \cos((33\pi)/10000))/8,$
 $(25\pi \cos((83\pi)/200) \cos((83\pi)/25000))/8,$
 $(25\pi \cos((167\pi)/400) \cos((167\pi)/50000))/8,$
 $(25\pi \cos((21\pi)/50) \cos((21\pi)/6250))/8,$
 $(25\pi \cos((169\pi)/400) \cos((169\pi)/50000))/8,$
 $(25\pi \cos((17\pi)/40) \cos((17\pi)/5000))/8,$
 $(25\pi \cos((171\pi)/400) \cos((171\pi)/50000))/8,$
 $(25\pi \cos((43\pi)/100) \cos((43\pi)/12500))/8,$
 $(25\pi \cos((173\pi)/400) \cos((173\pi)/50000))/8,$
 $(25\pi \cos((87\pi)/200) \cos((87\pi)/25000))/8,$
 $(25\pi \cos((7\pi)/16) \cos((7\pi)/2000))/8, (25\pi \cos((11\pi)/25) \cos((11\pi)/3125))/8,$
 $(25\pi \cos((177\pi)/400) \cos((177\pi)/50000))/8,$
 $(25\pi \cos((89\pi)/200) \cos((89\pi)/25000))/8,$
 $(25\pi \cos((179\pi)/400) \cos((179\pi)/50000))/8,$
 $(25\pi \cos((9\pi)/20) \cos((9\pi)/2500))/8,$
 $(25\pi \cos((181\pi)/400) \cos((181\pi)/50000))/8,$
 $(25\pi \cos((91\pi)/200) \cos((91\pi)/25000))/8,$
 $(25\pi \cos((183\pi)/400) \cos((183\pi)/50000))/8,$
 $(25\pi \cos((23\pi)/50) \cos((23\pi)/6250))/8,$
 $(25\pi \cos((37\pi)/80) \cos((37\pi)/10000))/8,$
 $(25\pi \cos((93\pi)/200) \cos((93\pi)/25000))/8,$
 $(25\pi \cos((187\pi)/400) \cos((187\pi)/50000))/8,$
 $(25\pi \cos((47\pi)/100) \cos((47\pi)/12500))/8,$
 $(25\pi \cos((189\pi)/400) \cos((189\pi)/50000))/8,$

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

$(25\pi \cos((153\pi)/400) \cos((247\pi)/50000))/8, -$
 $(25\pi \cos((19\pi)/50) \cos((31\pi)/6250))/8, -$
 $(25\pi \cos((151\pi)/400) \cos((249\pi)/50000))/8, - (25\pi \cos(\pi/200) * (2 -$
 $2^{(1/2)})^{(1/2)})/16, - (25\pi \cos((149\pi)/400) \cos((251\pi)/50000))/8, -$
 $(25\pi \cos((37\pi)/100) \cos((63\pi)/12500))/8, -$
 $(25\pi \cos((147\pi)/400) \cos((253\pi)/50000))/8, -$
 $(25\pi \cos((73\pi)/200) \cos((127\pi)/25000))/8, -$
 $(25\pi \cos((29\pi)/80) \cos((51\pi)/10000))/8, -$
 $(25\pi \cos((9\pi)/25) \cos((16\pi)/3125))/8, -$
 $(25\pi \cos((143\pi)/400) \cos((257\pi)/50000))/8, -$
 $(25\pi \cos((71\pi)/200) \cos((129\pi)/25000))/8, -$
 $(25\pi \cos((141\pi)/400) \cos((259\pi)/50000))/8, -$
 $(25\pi \cos((7\pi)/20) \cos((13\pi)/2500))/8, -$
 $(25\pi \cos((139\pi)/400) \cos((261\pi)/50000))/8, -$
 $(25\pi \cos((69\pi)/200) \cos((131\pi)/25000))/8, -$
 $(25\pi \cos((137\pi)/400) \cos((263\pi)/50000))/8, -$
 $(25\pi \cos((17\pi)/50) \cos((33\pi)/6250))/8, -$
 $(25\pi \cos((27\pi)/80) \cos((53\pi)/10000))/8, -$
 $(25\pi \cos((67\pi)/200) \cos((133\pi)/25000))/8, -$
 $(25\pi \cos((133\pi)/400) \cos((267\pi)/50000))/8, -$
 $(25\pi \cos((33\pi)/100) \cos((67\pi)/12500))/8, -$
 $(25\pi \cos((131\pi)/400) \cos((269\pi)/50000))/8, -$
 $(25\pi \cos((13\pi)/40) \cos((27\pi)/5000))/8, -$
 $(25\pi \cos((129\pi)/400) \cos((271\pi)/50000))/8, -$
 $(25\pi \cos((8\pi)/25) \cos((17\pi)/3125))/8, -$
 $(25\pi \cos((127\pi)/400) \cos((273\pi)/50000))/8, -$
 $(25\pi \cos((63\pi)/200) \cos((137\pi)/25000))/8, -$
 $(25\pi \cos((5\pi)/16) \cos((11\pi)/2000))/8, -$
 $(25\pi \cos((31\pi)/100) \cos((69\pi)/12500))/8, -$
 $(25\pi \cos((123\pi)/400) \cos((277\pi)/50000))/8, -$
 $(25\pi \cos((61\pi)/200) \cos((139\pi)/25000))/8, -$
 $(25\pi \cos((121\pi)/400) \cos((279\pi)/50000))/8, - (25 * 2^{(1/2)} * \pi * \cos((7\pi)/1250) * (5 -$
 $5^{(1/2)})^{(1/2)})/32, - (25\pi \cos((119\pi)/400) \cos((281\pi)/50000))/8, -$
 $(25\pi \cos((59\pi)/200) \cos((141\pi)/25000))/8, -$
 $(25\pi \cos((117\pi)/400) \cos((283\pi)/50000))/8, -$
 $(25\pi \cos((29\pi)/100) \cos((71\pi)/12500))/8, -$
 $(25\pi \cos((23\pi)/80) \cos((57\pi)/10000))/8, -$
 $(25\pi \cos((57\pi)/200) \cos((143\pi)/25000))/8, -$
 $(25\pi \cos((113\pi)/400) \cos((287\pi)/50000))/8, -$
 $(25\pi \cos((7\pi)/25) \cos((18\pi)/3125))/8, -$
 $(25\pi \cos((111\pi)/400) \cos((289\pi)/50000))/8, -$
 $(25\pi \cos((11\pi)/40) \cos((29\pi)/5000))/8, -$
 $(25\pi \cos((109\pi)/400) \cos((291\pi)/50000))/8, -$
 $(25\pi \cos((27\pi)/100) \cos((73\pi)/12500))/8, -$
 $(25\pi \cos((107\pi)/400) \cos((293\pi)/50000))/8, -$
 $(25\pi \cos((53\pi)/200) \cos((147\pi)/25000))/8, -$
 $(25\pi \cos((21\pi)/80) \cos((59\pi)/10000))/8, -$
 $(25\pi \cos((13\pi)/50) \cos((37\pi)/6250))/8, -$
 $(25\pi \cos((103\pi)/400) \cos((297\pi)/50000))/8, -$
 $(25\pi \cos((51\pi)/200) \cos((149\pi)/25000))/8, -$
 $(25\pi \cos((101\pi)/400) \cos((299\pi)/50000))/8, - (25 * 2^{(1/2)} * \pi * \cos((3\pi)/500))/16, -$
 $(25\pi \cos((99\pi)/400) \cos((301\pi)/50000))/8, -$
 $(25\pi \cos((49\pi)/200) \cos((151\pi)/25000))/8, -$
 $(25\pi \cos((97\pi)/400) \cos((303\pi)/50000))/8, -$
 $(25\pi \cos((6\pi)/25) \cos((19\pi)/3125))/8, -$

$(25\pi \cos((19\pi)/80) \cos((61\pi)/10000))/8, -$
 $(25\pi \cos((47\pi)/200) \cos((153\pi)/25000))/8, -$
 $(25\pi \cos((93\pi)/400) \cos((307\pi)/50000))/8, -$
 $(25\pi \cos((23\pi)/100) \cos((77\pi)/12500))/8, -$
 $(25\pi \cos((91\pi)/400) \cos((309\pi)/50000))/8, -$
 $(25\pi \cos((9\pi)/40) \cos((31\pi)/5000))/8, -$
 $(25\pi \cos((89\pi)/400) \cos((311\pi)/50000))/8, -$
 $(25\pi \cos((11\pi)/50) \cos((39\pi)/6250))/8, -$
 $(25\pi \cos((87\pi)/400) \cos((313\pi)/50000))/8, -$
 $(25\pi \cos((43\pi)/200) \cos((157\pi)/25000))/8, -$
 $(25\pi \cos((17\pi)/80) \cos((63\pi)/10000))/8, -$
 $(25\pi \cos((21\pi)/100) \cos((79\pi)/12500))/8, -$
 $(25\pi \cos((83\pi)/400) \cos((317\pi)/50000))/8, -$
 $(25\pi \cos((41\pi)/200) \cos((159\pi)/25000))/8, -$
 $(25\pi \cos((81\pi)/400) \cos((319\pi)/50000))/8, - (25\pi \cos((4\pi)/625) * (5^{(1/2)}/4 +$
 $1/4))/8, - (25\pi \cos((79\pi)/400) \cos((321\pi)/50000))/8, -$
 $(25\pi \cos((39\pi)/200) \cos((161\pi)/25000))/8, -$
 $(25\pi \cos((77\pi)/400) \cos((323\pi)/50000))/8, -$
 $(25\pi \cos((19\pi)/100) \cos((81\pi)/12500))/8, -$
 $(25\pi \cos((3\pi)/16) \cos((13\pi)/2000))/8, -$
 $(25\pi \cos((37\pi)/200) \cos((163\pi)/25000))/8, -$
 $(25\pi \cos((73\pi)/400) \cos((327\pi)/50000))/8, -$
 $(25\pi \cos((9\pi)/50) \cos((41\pi)/6250))/8, -$
 $(25\pi \cos((71\pi)/400) \cos((329\pi)/50000))/8, -$
 $(25\pi \cos((7\pi)/40) \cos((33\pi)/5000))/8, -$
 $(25\pi \cos((69\pi)/400) \cos((331\pi)/50000))/8, -$
 $(25\pi \cos((17\pi)/100) \cos((83\pi)/12500))/8, -$
 $(25\pi \cos((67\pi)/400) \cos((333\pi)/50000))/8, -$
 $(25\pi \cos((33\pi)/200) \cos((167\pi)/25000))/8, -$
 $(25\pi \cos((13\pi)/80) \cos((67\pi)/10000))/8, -$
 $(25\pi \cos((4\pi)/25) \cos((21\pi)/3125))/8, -$
 $(25\pi \cos((63\pi)/400) \cos((337\pi)/50000))/8, -$
 $(25\pi \cos((31\pi)/200) \cos((169\pi)/25000))/8, -$
 $(25\pi \cos((61\pi)/400) \cos((339\pi)/50000))/8, -$
 $(25\pi \cos((3\pi)/20) \cos((17\pi)/2500))/8, -$
 $(25\pi \cos((59\pi)/400) \cos((341\pi)/50000))/8, -$
 $(25\pi \cos((29\pi)/200) \cos((171\pi)/25000))/8, -$
 $(25\pi \cos((57\pi)/400) \cos((343\pi)/50000))/8, -$
 $(25\pi \cos((7\pi)/50) \cos((43\pi)/6250))/8, -$
 $(25\pi \cos((11\pi)/80) \cos((69\pi)/10000))/8, -$
 $(25\pi \cos((27\pi)/200) \cos((173\pi)/25000))/8, -$
 $(25\pi \cos((53\pi)/400) \cos((347\pi)/50000))/8, -$
 $(25\pi \cos((13\pi)/100) \cos((87\pi)/12500))/8, -$
 $(25\pi \cos((51\pi)/400) \cos((349\pi)/50000))/8, - (25\pi \cos((7\pi)/1000) * (2^{(1/2)} +$
 $2)^{(1/2)})/16, - (25\pi \cos((49\pi)/400) \cos((351\pi)/50000))/8, -$
 $(25\pi \cos((3\pi)/25) \cos((22\pi)/3125))/8, -$
 $(25\pi \cos((47\pi)/400) \cos((353\pi)/50000))/8, -$
 $(25\pi \cos((23\pi)/200) \cos((177\pi)/25000))/8, -$
 $(25\pi \cos((9\pi)/80) \cos((71\pi)/10000))/8, -$
 $(25\pi \cos((11\pi)/100) \cos((89\pi)/12500))/8, -$
 $(25\pi \cos((43\pi)/400) \cos((357\pi)/50000))/8, -$
 $(25\pi \cos((21\pi)/200) \cos((179\pi)/25000))/8, -$
 $(25\pi \cos((41\pi)/400) \cos((359\pi)/50000))/8, -$
 $(25 * 2^{(1/2)} * \pi \cos((9\pi)/1250) * (5^{(1/2)} + 5)^{(1/2)})/32, -$
 $(25\pi \cos((39\pi)/400) \cos((361\pi)/50000))/8, -$

$(25\pi \cos((19\pi)/200) \cos((181\pi)/25000))/8, -$
 $(25\pi \cos((37\pi)/400) \cos((363\pi)/50000))/8, -$
 $(25\pi \cos((9\pi)/100) \cos((91\pi)/12500))/8, -$
 $(25\pi \cos((7\pi)/80) \cos((73\pi)/10000))/8, -$
 $(25\pi \cos((17\pi)/200) \cos((183\pi)/25000))/8, -$
 $(25\pi \cos((33\pi)/400) \cos((367\pi)/50000))/8, -$
 $(25\pi \cos((2\pi)/25) \cos((23\pi)/3125))/8, -$
 $(25\pi \cos((31\pi)/400) \cos((369\pi)/50000))/8, -$
 $(25\pi \cos((3\pi)/40) \cos((37\pi)/5000))/8, -$
 $(25\pi \cos((29\pi)/400) \cos((371\pi)/50000))/8, -$
 $(25\pi \cos((7\pi)/100) \cos((93\pi)/12500))/8, -$
 $(25\pi \cos((27\pi)/400) \cos((373\pi)/50000))/8, -$
 $(25\pi \cos((13\pi)/200) \cos((187\pi)/25000))/8, - (25\pi \cos(\pi/16) \cos((3\pi)/400))/8,$
 $- (25\pi \cos((3\pi)/50) \cos((47\pi)/6250))/8, -$
 $(25\pi \cos((23\pi)/400) \cos((377\pi)/50000))/8, -$
 $(25\pi \cos((11\pi)/200) \cos((189\pi)/25000))/8, -$
 $(25\pi \cos((21\pi)/400) \cos((379\pi)/50000))/8, -$
 $(25\pi \cos(\pi/20) \cos((19\pi)/2500))/8, -$
 $(25\pi \cos((19\pi)/400) \cos((381\pi)/50000))/8, -$
 $(25\pi \cos((9\pi)/200) \cos((191\pi)/25000))/8, -$
 $(25\pi \cos((17\pi)/400) \cos((383\pi)/50000))/8, -$
 $(25\pi \cos(\pi/25) \cos((24\pi)/3125))/8, - (25\pi \cos((3\pi)/80) \cos((77\pi)/10000))/8, -$
 $(25\pi \cos((7\pi)/200) \cos((193\pi)/25000))/8, -$
 $(25\pi \cos((13\pi)/400) \cos((387\pi)/50000))/8, -$
 $(25\pi \cos((3\pi)/100) \cos((97\pi)/12500))/8, -$
 $(25\pi \cos((11\pi)/400) \cos((389\pi)/50000))/8, -$
 $(25\pi \cos(\pi/40) \cos((39\pi)/5000))/8, - (25\pi \cos((9\pi)/400) \cos((391\pi)/50000))/8,$
 $- (25\pi \cos(\pi/50) \cos((49\pi)/6250))/8, -$
 $(25\pi \cos((7\pi)/400) \cos((393\pi)/50000))/8, -$
 $(25\pi \cos((3\pi)/200) \cos((197\pi)/25000))/8, -$
 $(25\pi \cos(\pi/80) \cos((79\pi)/10000))/8, - (25\pi \cos(\pi/100) \cos((99\pi)/12500))/8, -$
 $(25\pi \cos((3\pi)/400) \cos((397\pi)/50000))/8, -$
 $(25\pi \cos(\pi/200) \cos((199\pi)/25000))/8, - (25\pi \cos(\pi/400) \cos((399\pi)/50000))/8,$
 $- (25\pi \cos(\pi/125))/8, - (25\pi \cos(\pi/400) \cos((401\pi)/50000))/8, -$
 $(25\pi \cos(\pi/200) \cos((201\pi)/25000))/8, -$
 $(25\pi \cos((3\pi)/400) \cos((403\pi)/50000))/8, -$
 $(25\pi \cos(\pi/100) \cos((101\pi)/12500))/8, - (25\pi \cos(\pi/80) \cos((81\pi)/10000))/8, -$
 $(25\pi \cos((3\pi)/200) \cos((203\pi)/25000))/8, -$
 $(25\pi \cos((7\pi)/400) \cos((407\pi)/50000))/8, - (25\pi \cos(\pi/50) \cos((51\pi)/6250))/8,$
 $- (25\pi \cos((9\pi)/400) \cos((409\pi)/50000))/8, -$
 $(25\pi \cos(\pi/40) \cos((41\pi)/5000))/8, -$
 $(25\pi \cos((11\pi)/400) \cos((411\pi)/50000))/8, -$
 $(25\pi \cos((3\pi)/100) \cos((103\pi)/12500))/8, -$
 $(25\pi \cos((13\pi)/400) \cos((413\pi)/50000))/8, -$
 $(25\pi \cos((7\pi)/200) \cos((207\pi)/25000))/8, -$
 $(25\pi \cos((3\pi)/80) \cos((83\pi)/10000))/8, - (25\pi \cos(\pi/25) \cos((26\pi)/3125))/8, -$
 $(25\pi \cos((17\pi)/400) \cos((417\pi)/50000))/8, -$
 $(25\pi \cos((9\pi)/200) \cos((209\pi)/25000))/8, -$
 $(25\pi \cos((19\pi)/400) \cos((419\pi)/50000))/8, -$
 $(25\pi \cos(\pi/20) \cos((21\pi)/2500))/8, -$
 $(25\pi \cos((21\pi)/400) \cos((421\pi)/50000))/8, -$
 $(25\pi \cos((11\pi)/200) \cos((211\pi)/25000))/8, -$
 $(25\pi \cos((23\pi)/400) \cos((423\pi)/50000))/8, -$
 $(25\pi \cos((3\pi)/50) \cos((53\pi)/6250))/8, - (25\pi \cos(\pi/16) \cos((17\pi)/2000))/8, -$
 $(25\pi \cos((13\pi)/200) \cos((213\pi)/25000))/8, -$

$(25\pi \cos((27\pi)/400) \cos((427\pi)/50000))/8, -$
 $(25\pi \cos((7\pi)/100) \cos((107\pi)/12500))/8, -$
 $(25\pi \cos((29\pi)/400) \cos((429\pi)/50000))/8, -$
 $(25\pi \cos((3\pi)/40) \cos((43\pi)/5000))/8, -$
 $(25\pi \cos((31\pi)/400) \cos((431\pi)/50000))/8, -$
 $(25\pi \cos((2\pi)/25) \cos((27\pi)/3125))/8, -$
 $(25\pi \cos((33\pi)/400) \cos((433\pi)/50000))/8, -$
 $(25\pi \cos((17\pi)/200) \cos((217\pi)/25000))/8, -$
 $(25\pi \cos((7\pi)/80) \cos((87\pi)/10000))/8, -$
 $(25\pi \cos((9\pi)/100) \cos((109\pi)/12500))/8, -$
 $(25\pi \cos((37\pi)/400) \cos((437\pi)/50000))/8, -$
 $(25\pi \cos((19\pi)/200) \cos((219\pi)/25000))/8, -$
 $(25\pi \cos((39\pi)/400) \cos((439\pi)/50000))/8, -$
 $(25 \cdot 2^{(1/2)} \pi \cos((11\pi)/1250) \cdot (5^{(1/2)} + 5^{(1/2)}))/32, -$
 $(25\pi \cos((41\pi)/400) \cos((441\pi)/50000))/8, -$
 $(25\pi \cos((21\pi)/200) \cos((221\pi)/25000))/8, -$
 $(25\pi \cos((43\pi)/400) \cos((443\pi)/50000))/8, -$
 $(25\pi \cos((11\pi)/100) \cos((111\pi)/12500))/8, -$
 $(25\pi \cos((9\pi)/80) \cos((89\pi)/10000))/8, -$
 $(25\pi \cos((23\pi)/200) \cos((223\pi)/25000))/8, -$
 $(25\pi \cos((47\pi)/400) \cos((447\pi)/50000))/8, -$
 $(25\pi \cos((3\pi)/25) \cos((28\pi)/3125))/8, -$
 $(25\pi \cos((49\pi)/400) \cos((449\pi)/50000))/8, - (25\pi \cos((9\pi)/1000) \cdot (2^{(1/2)} + 2^{(1/2)}))/16, -$
 $(25\pi \cos((51\pi)/400) \cos((451\pi)/50000))/8, -$
 $(25\pi \cos((13\pi)/100) \cos((113\pi)/12500))/8, -$
 $(25\pi \cos((53\pi)/400) \cos((453\pi)/50000))/8, -$
 $(25\pi \cos((27\pi)/200) \cos((227\pi)/25000))/8, -$
 $(25\pi \cos((11\pi)/80) \cos((91\pi)/10000))/8, -$
 $(25\pi \cos((7\pi)/50) \cos((57\pi)/6250))/8, -$
 $(25\pi \cos((57\pi)/400) \cos((457\pi)/50000))/8, -$
 $(25\pi \cos((29\pi)/200) \cos((229\pi)/25000))/8, -$
 $(25\pi \cos((59\pi)/400) \cos((459\pi)/50000))/8, -$
 $(25\pi \cos((3\pi)/20) \cos((23\pi)/2500))/8, -$
 $(25\pi \cos((61\pi)/400) \cos((461\pi)/50000))/8, -$
 $(25\pi \cos((31\pi)/200) \cos((231\pi)/25000))/8, -$
 $(25\pi \cos((63\pi)/400) \cos((463\pi)/50000))/8, -$
 $(25\pi \cos((4\pi)/25) \cos((29\pi)/3125))/8, -$
 $(25\pi \cos((13\pi)/80) \cos((93\pi)/10000))/8, -$
 $(25\pi \cos((33\pi)/200) \cos((233\pi)/25000))/8, -$
 $(25\pi \cos((67\pi)/400) \cos((467\pi)/50000))/8, -$
 $(25\pi \cos((17\pi)/100) \cos((117\pi)/12500))/8, -$
 $(25\pi \cos((69\pi)/400) \cos((469\pi)/50000))/8, -$
 $(25\pi \cos((7\pi)/40) \cos((47\pi)/5000))/8, -$
 $(25\pi \cos((71\pi)/400) \cos((471\pi)/50000))/8, -$
 $(25\pi \cos((9\pi)/50) \cos((59\pi)/6250))/8, -$
 $(25\pi \cos((73\pi)/400) \cos((473\pi)/50000))/8, -$
 $(25\pi \cos((37\pi)/200) \cos((237\pi)/25000))/8, -$
 $(25\pi \cos((3\pi)/16) \cos((19\pi)/2000))/8, -$
 $(25\pi \cos((19\pi)/100) \cos((119\pi)/12500))/8, -$
 $(25\pi \cos((77\pi)/400) \cos((477\pi)/50000))/8, -$
 $(25\pi \cos((39\pi)/200) \cos((239\pi)/25000))/8, -$
 $(25\pi \cos((79\pi)/400) \cos((479\pi)/50000))/8, - (25\pi \cos((6\pi)/625) \cdot (5^{(1/2)}/4 + 1/4))/8, -$
 $(25\pi \cos((81\pi)/400) \cos((481\pi)/50000))/8, -$
 $(25\pi \cos((41\pi)/200) \cos((241\pi)/25000))/8, -$
 $(25\pi \cos((83\pi)/400) \cos((483\pi)/50000))/8, -$

$(25\pi \cos((21\pi)/100) \cos((121\pi)/12500))/8, -$
 $(25\pi \cos((17\pi)/80) \cos((97\pi)/10000))/8, -$
 $(25\pi \cos((43\pi)/200) \cos((243\pi)/25000))/8, -$
 $(25\pi \cos((87\pi)/400) \cos((487\pi)/50000))/8, -$
 $(25\pi \cos((11\pi)/50) \cos((61\pi)/6250))/8, -$
 $(25\pi \cos((89\pi)/400) \cos((489\pi)/50000))/8, -$
 $(25\pi \cos((9\pi)/40) \cos((49\pi)/5000))/8, -$
 $(25\pi \cos((91\pi)/400) \cos((491\pi)/50000))/8, -$
 $(25\pi \cos((23\pi)/100) \cos((123\pi)/12500))/8, -$
 $(25\pi \cos((93\pi)/400) \cos((493\pi)/50000))/8, -$
 $(25\pi \cos((47\pi)/200) \cos((247\pi)/25000))/8, -$
 $(25\pi \cos((19\pi)/80) \cos((99\pi)/10000))/8, -$
 $(25\pi \cos((6\pi)/25) \cos((31\pi)/3125))/8, -$
 $(25\pi \cos((97\pi)/400) \cos((497\pi)/50000))/8, -$
 $(25\pi \cos((49\pi)/200) \cos((249\pi)/25000))/8, -$
 $(25\pi \cos((99\pi)/400) \cos((499\pi)/50000))/8, - (25 \cdot 2^{(1/2)} \pi \cos(\pi/100))/16, -$
 $(25\pi \cos((101\pi)/400) \cos((501\pi)/50000))/8, -$
 $(25\pi \cos((51\pi)/200) \cos((251\pi)/25000))/8, -$
 $(25\pi \cos((103\pi)/400) \cos((503\pi)/50000))/8, -$
 $(25\pi \cos((13\pi)/50) \cos((63\pi)/6250))/8, -$
 $(25\pi \cos((21\pi)/80) \cos((101\pi)/10000))/8, -$
 $(25\pi \cos((53\pi)/200) \cos((253\pi)/25000))/8, -$
 $(25\pi \cos((107\pi)/400) \cos((507\pi)/50000))/8, -$
 $(25\pi \cos((27\pi)/100) \cos((127\pi)/12500))/8, -$
 $(25\pi \cos((109\pi)/400) \cos((509\pi)/50000))/8, -$
 $(25\pi \cos((11\pi)/40) \cos((51\pi)/5000))/8, -$
 $(25\pi \cos((111\pi)/400) \cos((511\pi)/50000))/8, -$
 $(25\pi \cos((7\pi)/25) \cos((32\pi)/3125))/8, -$
 $(25\pi \cos((113\pi)/400) \cos((513\pi)/50000))/8, -$
 $(25\pi \cos((57\pi)/200) \cos((257\pi)/25000))/8, -$
 $(25\pi \cos((23\pi)/80) \cos((103\pi)/10000))/8, -$
 $(25\pi \cos((29\pi)/100) \cos((129\pi)/12500))/8, -$
 $(25\pi \cos((117\pi)/400) \cos((517\pi)/50000))/8, -$
 $(25\pi \cos((59\pi)/200) \cos((259\pi)/25000))/8, -$
 $(25\pi \cos((119\pi)/400) \cos((519\pi)/50000))/8, - (25 \cdot 2^{(1/2)} \pi \cos((13\pi)/1250) \cdot (5 -$
 $5^{(1/2)})^{(1/2)})/32, - (25\pi \cos((121\pi)/400) \cos((521\pi)/50000))/8, -$
 $(25\pi \cos((61\pi)/200) \cos((261\pi)/25000))/8, -$
 $(25\pi \cos((123\pi)/400) \cos((523\pi)/50000))/8, -$
 $(25\pi \cos((31\pi)/100) \cos((131\pi)/12500))/8, -$
 $(25\pi \cos((5\pi)/16) \cos((21\pi)/2000))/8, -$
 $(25\pi \cos((63\pi)/200) \cos((263\pi)/25000))/8, -$
 $(25\pi \cos((127\pi)/400) \cos((527\pi)/50000))/8, -$
 $(25\pi \cos((8\pi)/25) \cos((33\pi)/3125))/8, -$
 $(25\pi \cos((129\pi)/400) \cos((529\pi)/50000))/8, -$
 $(25\pi \cos((13\pi)/40) \cos((53\pi)/5000))/8, -$
 $(25\pi \cos((131\pi)/400) \cos((531\pi)/50000))/8, -$
 $(25\pi \cos((33\pi)/100) \cos((133\pi)/12500))/8, -$
 $(25\pi \cos((133\pi)/400) \cos((533\pi)/50000))/8, -$
 $(25\pi \cos((67\pi)/200) \cos((267\pi)/25000))/8, -$
 $(25\pi \cos((27\pi)/80) \cos((107\pi)/10000))/8, -$
 $(25\pi \cos((17\pi)/50) \cos((67\pi)/6250))/8, -$
 $(25\pi \cos((137\pi)/400) \cos((537\pi)/50000))/8, -$
 $(25\pi \cos((69\pi)/200) \cos((269\pi)/25000))/8, -$
 $(25\pi \cos((139\pi)/400) \cos((539\pi)/50000))/8, -$
 $(25\pi \cos((7\pi)/20) \cos((27\pi)/2500))/8, -$

$(25\pi \cos((141\pi)/400) \cos((541\pi)/50000))/8, -$
 $(25\pi \cos((71\pi)/200) \cos((271\pi)/25000))/8, -$
 $(25\pi \cos((143\pi)/400) \cos((543\pi)/50000))/8, -$
 $(25\pi \cos((9\pi)/25) \cos((34\pi)/3125))/8, -$
 $(25\pi \cos((29\pi)/80) \cos((109\pi)/10000))/8, -$
 $(25\pi \cos((73\pi)/200) \cos((273\pi)/25000))/8, -$
 $(25\pi \cos((147\pi)/400) \cos((547\pi)/50000))/8, -$
 $(25\pi \cos((37\pi)/100) \cos((137\pi)/12500))/8, -$
 $(25\pi \cos((149\pi)/400) \cos((549\pi)/50000))/8, - (25\pi \cos((11\pi)/1000) * (2 -$
 $2^{(1/2)})^{(1/2)})/16, - (25\pi \cos((151\pi)/400) \cos((551\pi)/50000))/8, -$
 $(25\pi \cos((19\pi)/50) \cos((69\pi)/6250))/8, -$
 $(25\pi \cos((153\pi)/400) \cos((553\pi)/50000))/8, -$
 $(25\pi \cos((77\pi)/200) \cos((277\pi)/25000))/8, -$
 $(25\pi \cos((31\pi)/80) \cos((111\pi)/10000))/8, -$
 $(25\pi \cos((39\pi)/100) \cos((139\pi)/12500))/8, -$
 $(25\pi \cos((157\pi)/400) \cos((557\pi)/50000))/8, -$
 $(25\pi \cos((79\pi)/200) \cos((279\pi)/25000))/8, -$
 $(25\pi \cos((159\pi)/400) \cos((559\pi)/50000))/8, - (25\pi \cos((7\pi)/625) * (5^{(1/2)}/4 -$
 $1/4))/8, - (25\pi \cos((161\pi)/400) \cos((561\pi)/50000))/8, -$
 $(25\pi \cos((81\pi)/200) \cos((281\pi)/25000))/8, -$
 $(25\pi \cos((163\pi)/400) \cos((563\pi)/50000))/8, -$
 $(25\pi \cos((41\pi)/100) \cos((141\pi)/12500))/8, -$
 $(25\pi \cos((33\pi)/80) \cos((113\pi)/10000))/8, -$
 $(25\pi \cos((83\pi)/200) \cos((283\pi)/25000))/8, -$
 $(25\pi \cos((167\pi)/400) \cos((567\pi)/50000))/8, -$
 $(25\pi \cos((21\pi)/50) \cos((71\pi)/6250))/8, -$
 $(25\pi \cos((169\pi)/400) \cos((569\pi)/50000))/8, -$
 $(25\pi \cos((17\pi)/40) \cos((57\pi)/5000))/8, -$
 $(25\pi \cos((171\pi)/400) \cos((571\pi)/50000))/8, -$
 $(25\pi \cos((43\pi)/100) \cos((143\pi)/12500))/8, -$
 $(25\pi \cos((173\pi)/400) \cos((573\pi)/50000))/8, -$
 $(25\pi \cos((87\pi)/200) \cos((287\pi)/25000))/8, -$
 $(25\pi \cos((7\pi)/16) \cos((23\pi)/2000))/8, -$
 $(25\pi \cos((11\pi)/25) \cos((36\pi)/3125))/8, -$
 $(25\pi \cos((177\pi)/400) \cos((577\pi)/50000))/8, -$
 $(25\pi \cos((89\pi)/200) \cos((289\pi)/25000))/8, -$
 $(25\pi \cos((179\pi)/400) \cos((579\pi)/50000))/8, -$
 $(25\pi \cos((9\pi)/20) \cos((29\pi)/2500))/8, -$
 $(25\pi \cos((181\pi)/400) \cos((581\pi)/50000))/8, -$
 $(25\pi \cos((91\pi)/200) \cos((291\pi)/25000))/8, -$
 $(25\pi \cos((183\pi)/400) \cos((583\pi)/50000))/8, -$
 $(25\pi \cos((23\pi)/50) \cos((73\pi)/6250))/8, -$
 $(25\pi \cos((37\pi)/80) \cos((117\pi)/10000))/8, -$
 $(25\pi \cos((93\pi)/200) \cos((293\pi)/25000))/8, -$
 $(25\pi \cos((187\pi)/400) \cos((587\pi)/50000))/8, -$
 $(25\pi \cos((47\pi)/100) \cos((147\pi)/12500))/8, -$
 $(25\pi \cos((189\pi)/400) \cos((589\pi)/50000))/8, -$
 $(25\pi \cos((19\pi)/40) \cos((59\pi)/5000))/8, -$
 $(25\pi \cos((191\pi)/400) \cos((591\pi)/50000))/8, -$
 $(25\pi \cos((12\pi)/25) \cos((37\pi)/3125))/8, -$
 $(25\pi \cos((193\pi)/400) \cos((593\pi)/50000))/8, -$
 $(25\pi \cos((97\pi)/200) \cos((297\pi)/25000))/8, -$
 $(25\pi \cos((39\pi)/80) \cos((119\pi)/10000))/8, -$
 $(25\pi \cos((49\pi)/100) \cos((149\pi)/12500))/8, -$
 $(25\pi \cos((197\pi)/400) \cos((597\pi)/50000))/8, -$

$(25\pi \cos((99\pi)/200) \cos((299\pi)/25000))/8, -$
 $(25\pi \cos((199\pi)/400) \cos((599\pi)/50000))/8, 0,$
 $(25\pi \cos((199\pi)/400) \cos((601\pi)/50000))/8,$
 $(25\pi \cos((99\pi)/200) \cos((301\pi)/25000))/8,$
 $(25\pi \cos((197\pi)/400) \cos((603\pi)/50000))/8,$
 $(25\pi \cos((49\pi)/100) \cos((151\pi)/12500))/8,$
 $(25\pi \cos((39\pi)/80) \cos((121\pi)/10000))/8,$
 $(25\pi \cos((97\pi)/200) \cos((303\pi)/25000))/8,$
 $(25\pi \cos((193\pi)/400) \cos((607\pi)/50000))/8,$
 $(25\pi \cos((12\pi)/25) \cos((38\pi)/3125))/8,$
 $(25\pi \cos((191\pi)/400) \cos((609\pi)/50000))/8,$
 $(25\pi \cos((19\pi)/40) \cos((61\pi)/5000))/8,$
 $(25\pi \cos((189\pi)/400) \cos((611\pi)/50000))/8,$
 $(25\pi \cos((47\pi)/100) \cos((153\pi)/12500))/8,$
 $(25\pi \cos((187\pi)/400) \cos((613\pi)/50000))/8,$
 $(25\pi \cos((93\pi)/200) \cos((307\pi)/25000))/8,$
 $(25\pi \cos((37\pi)/80) \cos((123\pi)/10000))/8,$
 $(25\pi \cos((23\pi)/50) \cos((77\pi)/6250))/8,$
 $(25\pi \cos((183\pi)/400) \cos((617\pi)/50000))/8,$
 $(25\pi \cos((91\pi)/200) \cos((309\pi)/25000))/8,$
 $(25\pi \cos((181\pi)/400) \cos((619\pi)/50000))/8,$
 $(25\pi \cos((9\pi)/20) \cos((31\pi)/2500))/8,$
 $(25\pi \cos((179\pi)/400) \cos((621\pi)/50000))/8,$
 $(25\pi \cos((89\pi)/200) \cos((311\pi)/25000))/8,$
 $(25\pi \cos((177\pi)/400) \cos((623\pi)/50000))/8,$
 $(25\pi \cos((11\pi)/25) \cos((39\pi)/3125))/8, (25\pi \cos((7\pi)/16) \cos(\pi/80))/8,$
 $(25\pi \cos((87\pi)/200) \cos((313\pi)/25000))/8,$
 $(25\pi \cos((173\pi)/400) \cos((627\pi)/50000))/8,$
 $(25\pi \cos((43\pi)/100) \cos((157\pi)/12500))/8,$
 $(25\pi \cos((171\pi)/400) \cos((629\pi)/50000))/8,$
 $(25\pi \cos((17\pi)/40) \cos((63\pi)/5000))/8,$
 $(25\pi \cos((169\pi)/400) \cos((631\pi)/50000))/8,$
 $(25\pi \cos((21\pi)/50) \cos((79\pi)/6250))/8,$
 $(25\pi \cos((167\pi)/400) \cos((633\pi)/50000))/8,$
 $(25\pi \cos((83\pi)/200) \cos((317\pi)/25000))/8,$
 $(25\pi \cos((33\pi)/80) \cos((127\pi)/10000))/8,$
 $(25\pi \cos((41\pi)/100) \cos((159\pi)/12500))/8,$
 $(25\pi \cos((163\pi)/400) \cos((637\pi)/50000))/8,$
 $(25\pi \cos((81\pi)/200) \cos((319\pi)/25000))/8,$
 $(25\pi \cos((161\pi)/400) \cos((639\pi)/50000))/8, (25\pi \cos((8\pi)/625) * (5^{1/2}/4 -$
 $1/4))/8, (25\pi \cos((159\pi)/400) \cos((641\pi)/50000))/8,$
 $(25\pi \cos((79\pi)/200) \cos((321\pi)/25000))/8,$
 $(25\pi \cos((157\pi)/400) \cos((643\pi)/50000))/8,$
 $(25\pi \cos((39\pi)/100) \cos((161\pi)/12500))/8,$
 $(25\pi \cos((31\pi)/80) \cos((129\pi)/10000))/8,$
 $(25\pi \cos((77\pi)/200) \cos((323\pi)/25000))/8,$
 $(25\pi \cos((153\pi)/400) \cos((647\pi)/50000))/8,$
 $(25\pi \cos((19\pi)/50) \cos((81\pi)/6250))/8,$
 $(25\pi \cos((151\pi)/400) \cos((649\pi)/50000))/8, (25\pi \cos((13\pi)/1000) * (2 -$
 $2^{1/2})^{1/2})/16, (25\pi \cos((149\pi)/400) \cos((651\pi)/50000))/8,$
 $(25\pi \cos((37\pi)/100) \cos((163\pi)/12500))/8,$
 $(25\pi \cos((147\pi)/400) \cos((653\pi)/50000))/8,$
 $(25\pi \cos((73\pi)/200) \cos((327\pi)/25000))/8,$
 $(25\pi \cos((29\pi)/80) \cos((131\pi)/10000))/8,$
 $(25\pi \cos((9\pi)/25) \cos((41\pi)/3125))/8,$

$(25\pi \cos((143\pi)/400) \cos((657\pi)/50000))/8,$
 $(25\pi \cos((71\pi)/200) \cos((329\pi)/25000))/8,$
 $(25\pi \cos((141\pi)/400) \cos((659\pi)/50000))/8,$
 $(25\pi \cos((7\pi)/20) \cos((33\pi)/2500))/8,$
 $(25\pi \cos((139\pi)/400) \cos((661\pi)/50000))/8,$
 $(25\pi \cos((69\pi)/200) \cos((331\pi)/25000))/8,$
 $(25\pi \cos((137\pi)/400) \cos((663\pi)/50000))/8,$
 $(25\pi \cos((17\pi)/50) \cos((83\pi)/6250))/8,$
 $(25\pi \cos((27\pi)/80) \cos((133\pi)/10000))/8,$
 $(25\pi \cos((67\pi)/200) \cos((333\pi)/25000))/8,$
 $(25\pi \cos((133\pi)/400) \cos((667\pi)/50000))/8,$
 $(25\pi \cos((33\pi)/100) \cos((167\pi)/12500))/8,$
 $(25\pi \cos((131\pi)/400) \cos((669\pi)/50000))/8,$
 $(25\pi \cos((13\pi)/40) \cos((67\pi)/5000))/8,$
 $(25\pi \cos((129\pi)/400) \cos((671\pi)/50000))/8,$
 $(25\pi \cos((8\pi)/25) \cos((42\pi)/3125))/8,$
 $(25\pi \cos((127\pi)/400) \cos((673\pi)/50000))/8,$
 $(25\pi \cos((63\pi)/200) \cos((337\pi)/25000))/8,$
 $(25\pi \cos((5\pi)/16) \cos((27\pi)/2000))/8,$
 $(25\pi \cos((31\pi)/100) \cos((169\pi)/12500))/8,$
 $(25\pi \cos((123\pi)/400) \cos((677\pi)/50000))/8,$
 $(25\pi \cos((61\pi)/200) \cos((339\pi)/25000))/8,$
 $(25\pi \cos((121\pi)/400) \cos((679\pi)/50000))/8, (25 \cdot 2^{(1/2)} \pi \cos((17\pi)/1250) \cdot (5 - 5^{(1/2)})^{(1/2)})/32,$
 $(25\pi \cos((119\pi)/400) \cos((681\pi)/50000))/8,$
 $(25\pi \cos((59\pi)/200) \cos((341\pi)/25000))/8,$
 $(25\pi \cos((117\pi)/400) \cos((683\pi)/50000))/8,$
 $(25\pi \cos((29\pi)/100) \cos((171\pi)/12500))/8,$
 $(25\pi \cos((23\pi)/80) \cos((137\pi)/10000))/8,$
 $(25\pi \cos((57\pi)/200) \cos((343\pi)/25000))/8,$
 $(25\pi \cos((113\pi)/400) \cos((687\pi)/50000))/8,$
 $(25\pi \cos((7\pi)/25) \cos((43\pi)/3125))/8,$
 $(25\pi \cos((111\pi)/400) \cos((689\pi)/50000))/8,$
 $(25\pi \cos((11\pi)/40) \cos((69\pi)/5000))/8,$
 $(25\pi \cos((109\pi)/400) \cos((691\pi)/50000))/8,$
 $(25\pi \cos((27\pi)/100) \cos((173\pi)/12500))/8,$
 $(25\pi \cos((107\pi)/400) \cos((693\pi)/50000))/8,$
 $(25\pi \cos((53\pi)/200) \cos((347\pi)/25000))/8,$
 $(25\pi \cos((21\pi)/80) \cos((139\pi)/10000))/8,$
 $(25\pi \cos((13\pi)/50) \cos((87\pi)/6250))/8,$
 $(25\pi \cos((103\pi)/400) \cos((697\pi)/50000))/8,$
 $(25\pi \cos((51\pi)/200) \cos((349\pi)/25000))/8,$
 $(25\pi \cos((101\pi)/400) \cos((699\pi)/50000))/8, (25 \cdot 2^{(1/2)} \pi \cos((7\pi)/500))/16,$
 $(25\pi \cos((99\pi)/400) \cos((701\pi)/50000))/8,$
 $(25\pi \cos((49\pi)/200) \cos((351\pi)/25000))/8,$
 $(25\pi \cos((97\pi)/400) \cos((703\pi)/50000))/8,$
 $(25\pi \cos((6\pi)/25) \cos((44\pi)/3125))/8,$
 $(25\pi \cos((19\pi)/80) \cos((141\pi)/10000))/8,$
 $(25\pi \cos((47\pi)/200) \cos((353\pi)/25000))/8,$
 $(25\pi \cos((93\pi)/400) \cos((707\pi)/50000))/8,$
 $(25\pi \cos((23\pi)/100) \cos((177\pi)/12500))/8,$
 $(25\pi \cos((91\pi)/400) \cos((709\pi)/50000))/8,$
 $(25\pi \cos((9\pi)/40) \cos((71\pi)/5000))/8,$
 $(25\pi \cos((89\pi)/400) \cos((711\pi)/50000))/8,$
 $(25\pi \cos((11\pi)/50) \cos((89\pi)/6250))/8,$
 $(25\pi \cos((87\pi)/400) \cos((713\pi)/50000))/8,$

$(25\pi \cos((43\pi)/200) \cos((357\pi)/25000))/8,$
 $(25\pi \cos((17\pi)/80) \cos((143\pi)/10000))/8,$
 $(25\pi \cos((21\pi)/100) \cos((179\pi)/12500))/8,$
 $(25\pi \cos((83\pi)/400) \cos((717\pi)/50000))/8,$
 $(25\pi \cos((41\pi)/200) \cos((359\pi)/25000))/8,$
 $(25\pi \cos((81\pi)/400) \cos((719\pi)/50000))/8, (25\pi \cos((9\pi)/625) * (5^{(1/2)}/4 + 1/4))/8,$
 $(25\pi \cos((79\pi)/400) \cos((721\pi)/50000))/8,$
 $(25\pi \cos((39\pi)/200) \cos((361\pi)/25000))/8,$
 $(25\pi \cos((77\pi)/400) \cos((723\pi)/50000))/8,$
 $(25\pi \cos((19\pi)/100) \cos((181\pi)/12500))/8,$
 $(25\pi \cos((3\pi)/16) \cos((29\pi)/2000))/8,$
 $(25\pi \cos((37\pi)/200) \cos((363\pi)/25000))/8,$
 $(25\pi \cos((73\pi)/400) \cos((727\pi)/50000))/8,$
 $(25\pi \cos((9\pi)/50) \cos((91\pi)/6250))/8,$
 $(25\pi \cos((71\pi)/400) \cos((729\pi)/50000))/8,$
 $(25\pi \cos((7\pi)/40) \cos((73\pi)/5000))/8,$
 $(25\pi \cos((69\pi)/400) \cos((731\pi)/50000))/8,$
 $(25\pi \cos((17\pi)/100) \cos((183\pi)/12500))/8,$
 $(25\pi \cos((67\pi)/400) \cos((733\pi)/50000))/8,$
 $(25\pi \cos((33\pi)/200) \cos((367\pi)/25000))/8,$
 $(25\pi \cos((13\pi)/80) \cos((147\pi)/10000))/8,$
 $(25\pi \cos((4\pi)/25) \cos((46\pi)/3125))/8,$
 $(25\pi \cos((63\pi)/400) \cos((737\pi)/50000))/8,$
 $(25\pi \cos((31\pi)/200) \cos((369\pi)/25000))/8,$
 $(25\pi \cos((61\pi)/400) \cos((739\pi)/50000))/8,$
 $(25\pi \cos((3\pi)/20) \cos((37\pi)/2500))/8,$
 $(25\pi \cos((59\pi)/400) \cos((741\pi)/50000))/8,$
 $(25\pi \cos((29\pi)/200) \cos((371\pi)/25000))/8,$
 $(25\pi \cos((57\pi)/400) \cos((743\pi)/50000))/8,$
 $(25\pi \cos((7\pi)/50) \cos((93\pi)/6250))/8,$
 $(25\pi \cos((11\pi)/80) \cos((149\pi)/10000))/8,$
 $(25\pi \cos((27\pi)/200) \cos((373\pi)/25000))/8,$
 $(25\pi \cos((53\pi)/400) \cos((747\pi)/50000))/8,$
 $(25\pi \cos((13\pi)/100) \cos((187\pi)/12500))/8,$
 $(25\pi \cos((51\pi)/400) \cos((749\pi)/50000))/8, (25\pi \cos((3\pi)/200) * (2^{(1/2)} + 2)^{(1/2)})/16,$
 $(25\pi \cos((49\pi)/400) \cos((751\pi)/50000))/8,$
 $(25\pi \cos((3\pi)/25) \cos((47\pi)/3125))/8,$
 $(25\pi \cos((47\pi)/400) \cos((753\pi)/50000))/8,$
 $(25\pi \cos((23\pi)/200) \cos((377\pi)/25000))/8,$
 $(25\pi \cos((9\pi)/80) \cos((151\pi)/10000))/8,$
 $(25\pi \cos((11\pi)/100) \cos((189\pi)/12500))/8,$
 $(25\pi \cos((43\pi)/400) \cos((757\pi)/50000))/8,$
 $(25\pi \cos((21\pi)/200) \cos((379\pi)/25000))/8,$
 $(25\pi \cos((41\pi)/400) \cos((759\pi)/50000))/8,$
 $(25 * 2^{(1/2)} * \pi \cos((19\pi)/1250) * (5^{(1/2)} + 5)^{(1/2)})/32,$
 $(25\pi \cos((39\pi)/400) \cos((761\pi)/50000))/8,$
 $(25\pi \cos((19\pi)/200) \cos((381\pi)/25000))/8,$
 $(25\pi \cos((37\pi)/400) \cos((763\pi)/50000))/8,$
 $(25\pi \cos((9\pi)/100) \cos((191\pi)/12500))/8,$
 $(25\pi \cos((7\pi)/80) \cos((153\pi)/10000))/8,$
 $(25\pi \cos((17\pi)/200) \cos((383\pi)/25000))/8,$
 $(25\pi \cos((33\pi)/400) \cos((767\pi)/50000))/8,$
 $(25\pi \cos((2\pi)/25) \cos((48\pi)/3125))/8,$
 $(25\pi \cos((31\pi)/400) \cos((769\pi)/50000))/8,$
 $(25\pi \cos((3\pi)/40) \cos((77\pi)/5000))/8,$

$(25\pi \cos((29\pi)/400) \cos((771\pi)/50000))/8,$
 $(25\pi \cos((7\pi)/100) \cos((193\pi)/12500))/8,$
 $(25\pi \cos((27\pi)/400) \cos((773\pi)/50000))/8,$
 $(25\pi \cos((13\pi)/200) \cos((387\pi)/25000))/8, (25\pi \cos(\pi/16) \cos((31\pi)/2000))/8,$
 $(25\pi \cos((3\pi)/50) \cos((97\pi)/6250))/8,$
 $(25\pi \cos((23\pi)/400) \cos((777\pi)/50000))/8,$
 $(25\pi \cos((11\pi)/200) \cos((389\pi)/25000))/8,$
 $(25\pi \cos((21\pi)/400) \cos((779\pi)/50000))/8, (25\pi \cos(\pi/20) \cos((39\pi)/2500))/8,$
 $(25\pi \cos((19\pi)/400) \cos((781\pi)/50000))/8,$
 $(25\pi \cos((9\pi)/200) \cos((391\pi)/25000))/8,$
 $(25\pi \cos((17\pi)/400) \cos((783\pi)/50000))/8, (25\pi \cos(\pi/25) \cos((49\pi)/3125))/8,$
 $(25\pi \cos((3\pi)/80) \cos((157\pi)/10000))/8,$
 $(25\pi \cos((7\pi)/200) \cos((393\pi)/25000))/8,$
 $(25\pi \cos((13\pi)/400) \cos((787\pi)/50000))/8,$
 $(25\pi \cos((3\pi)/100) \cos((197\pi)/12500))/8,$
 $(25\pi \cos((11\pi)/400) \cos((789\pi)/50000))/8, (25\pi \cos(\pi/40) \cos((79\pi)/5000))/8,$
 $(25\pi \cos((9\pi)/400) \cos((791\pi)/50000))/8, (25\pi \cos(\pi/50) \cos((99\pi)/6250))/8,$
 $(25\pi \cos((7\pi)/400) \cos((793\pi)/50000))/8,$
 $(25\pi \cos((3\pi)/200) \cos((397\pi)/25000))/8,$
 $(25\pi \cos(\pi/80) \cos((159\pi)/10000))/8, (25\pi \cos(\pi/100) \cos((199\pi)/12500))/8,$
 $(25\pi \cos((3\pi)/400) \cos((797\pi)/50000))/8,$
 $(25\pi \cos(\pi/200) \cos((399\pi)/25000))/8, (25\pi \cos(\pi/400) \cos((799\pi)/50000))/8,$
 $(25\pi \cos((2\pi)/125))/8, (25\pi \cos(\pi/400) \cos((801\pi)/50000))/8,$
 $(25\pi \cos(\pi/200) \cos((401\pi)/25000))/8,$
 $(25\pi \cos((3\pi)/400) \cos((803\pi)/50000))/8,$
 $(25\pi \cos(\pi/100) \cos((201\pi)/12500))/8, (25\pi \cos(\pi/80) \cos((161\pi)/10000))/8,$
 $(25\pi \cos((3\pi)/200) \cos((403\pi)/25000))/8,$
 $(25\pi \cos((7\pi)/400) \cos((807\pi)/50000))/8, (25\pi \cos(\pi/50) \cos((101\pi)/6250))/8,$
 $(25\pi \cos((9\pi)/400) \cos((809\pi)/50000))/8, (25\pi \cos(\pi/40) \cos((81\pi)/5000))/8,$
 $(25\pi \cos((11\pi)/400) \cos((811\pi)/50000))/8,$
 $(25\pi \cos((3\pi)/100) \cos((203\pi)/12500))/8,$
 $(25\pi \cos((13\pi)/400) \cos((813\pi)/50000))/8,$
 $(25\pi \cos((7\pi)/200) \cos((407\pi)/25000))/8,$
 $(25\pi \cos((3\pi)/80) \cos((163\pi)/10000))/8, (25\pi \cos(\pi/25) \cos((51\pi)/3125))/8,$
 $(25\pi \cos((17\pi)/400) \cos((817\pi)/50000))/8,$
 $(25\pi \cos((9\pi)/200) \cos((409\pi)/25000))/8,$
 $(25\pi \cos((19\pi)/400) \cos((819\pi)/50000))/8, (25\pi \cos(\pi/20) \cos((41\pi)/2500))/8,$
 $(25\pi \cos((21\pi)/400) \cos((821\pi)/50000))/8,$
 $(25\pi \cos((11\pi)/200) \cos((411\pi)/25000))/8,$
 $(25\pi \cos((23\pi)/400) \cos((823\pi)/50000))/8,$
 $(25\pi \cos((3\pi)/50) \cos((103\pi)/6250))/8, (25\pi \cos(\pi/16) \cos((33\pi)/2000))/8,$
 $(25\pi \cos((13\pi)/200) \cos((413\pi)/25000))/8,$
 $(25\pi \cos((27\pi)/400) \cos((827\pi)/50000))/8,$
 $(25\pi \cos((7\pi)/100) \cos((207\pi)/12500))/8,$
 $(25\pi \cos((29\pi)/400) \cos((829\pi)/50000))/8,$
 $(25\pi \cos((3\pi)/40) \cos((83\pi)/5000))/8,$
 $(25\pi \cos((31\pi)/400) \cos((831\pi)/50000))/8,$
 $(25\pi \cos((2\pi)/25) \cos((52\pi)/3125))/8,$
 $(25\pi \cos((33\pi)/400) \cos((833\pi)/50000))/8,$
 $(25\pi \cos((17\pi)/200) \cos((417\pi)/25000))/8,$
 $(25\pi \cos((7\pi)/80) \cos((167\pi)/10000))/8,$
 $(25\pi \cos((9\pi)/100) \cos((209\pi)/12500))/8,$
 $(25\pi \cos((37\pi)/400) \cos((837\pi)/50000))/8,$
 $(25\pi \cos((19\pi)/200) \cos((419\pi)/25000))/8,$
 $(25\pi \cos((39\pi)/400) \cos((839\pi)/50000))/8,$

$(25 \cdot 2^{1/2} \cdot \pi \cdot \cos((21 \cdot \pi)/1250) \cdot (5^{1/2} + 5)^{1/2})/32,$
 $(25 \cdot \pi \cdot \cos((41 \cdot \pi)/400) \cdot \cos((841 \cdot \pi)/50000))/8,$
 $(25 \cdot \pi \cdot \cos((21 \cdot \pi)/200) \cdot \cos((421 \cdot \pi)/25000))/8,$
 $(25 \cdot \pi \cdot \cos((43 \cdot \pi)/400) \cdot \cos((843 \cdot \pi)/50000))/8,$
 $(25 \cdot \pi \cdot \cos((11 \cdot \pi)/100) \cdot \cos((211 \cdot \pi)/12500))/8,$
 $(25 \cdot \pi \cdot \cos((9 \cdot \pi)/80) \cdot \cos((169 \cdot \pi)/10000))/8,$
 $(25 \cdot \pi \cdot \cos((23 \cdot \pi)/200) \cdot \cos((423 \cdot \pi)/25000))/8,$
 $(25 \cdot \pi \cdot \cos((47 \cdot \pi)/400) \cdot \cos((847 \cdot \pi)/50000))/8,$
 $(25 \cdot \pi \cdot \cos((3 \cdot \pi)/25) \cdot \cos((53 \cdot \pi)/3125))/8,$
 $(25 \cdot \pi \cdot \cos((49 \cdot \pi)/400) \cdot \cos((849 \cdot \pi)/50000))/8, (25 \cdot \pi \cdot \cos((17 \cdot \pi)/1000) \cdot (2^{1/2} + 2)^{1/2})/16,$
 $(25 \cdot \pi \cdot \cos((51 \cdot \pi)/400) \cdot \cos((851 \cdot \pi)/50000))/8,$
 $(25 \cdot \pi \cdot \cos((13 \cdot \pi)/100) \cdot \cos((213 \cdot \pi)/12500))/8,$
 $(25 \cdot \pi \cdot \cos((53 \cdot \pi)/400) \cdot \cos((853 \cdot \pi)/50000))/8,$
 $(25 \cdot \pi \cdot \cos((27 \cdot \pi)/200) \cdot \cos((427 \cdot \pi)/25000))/8,$
 $(25 \cdot \pi \cdot \cos((11 \cdot \pi)/80) \cdot \cos((171 \cdot \pi)/10000))/8,$
 $(25 \cdot \pi \cdot \cos((7 \cdot \pi)/50) \cdot \cos((107 \cdot \pi)/6250))/8,$
 $(25 \cdot \pi \cdot \cos((57 \cdot \pi)/400) \cdot \cos((857 \cdot \pi)/50000))/8,$
 $(25 \cdot \pi \cdot \cos((29 \cdot \pi)/200) \cdot \cos((429 \cdot \pi)/25000))/8,$
 $(25 \cdot \pi \cdot \cos((59 \cdot \pi)/400) \cdot \cos((859 \cdot \pi)/50000))/8,$
 $(25 \cdot \pi \cdot \cos((3 \cdot \pi)/20) \cdot \cos((43 \cdot \pi)/2500))/8,$
 $(25 \cdot \pi \cdot \cos((61 \cdot \pi)/400) \cdot \cos((861 \cdot \pi)/50000))/8,$
 $(25 \cdot \pi \cdot \cos((31 \cdot \pi)/200) \cdot \cos((431 \cdot \pi)/25000))/8,$
 $(25 \cdot \pi \cdot \cos((63 \cdot \pi)/400) \cdot \cos((863 \cdot \pi)/50000))/8,$
 $(25 \cdot \pi \cdot \cos((4 \cdot \pi)/25) \cdot \cos((54 \cdot \pi)/3125))/8,$
 $(25 \cdot \pi \cdot \cos((13 \cdot \pi)/80) \cdot \cos((173 \cdot \pi)/10000))/8,$
 $(25 \cdot \pi \cdot \cos((33 \cdot \pi)/200) \cdot \cos((433 \cdot \pi)/25000))/8,$
 $(25 \cdot \pi \cdot \cos((67 \cdot \pi)/400) \cdot \cos((867 \cdot \pi)/50000))/8,$
 $(25 \cdot \pi \cdot \cos((17 \cdot \pi)/100) \cdot \cos((217 \cdot \pi)/12500))/8,$
 $(25 \cdot \pi \cdot \cos((69 \cdot \pi)/400) \cdot \cos((869 \cdot \pi)/50000))/8,$
 $(25 \cdot \pi \cdot \cos((7 \cdot \pi)/40) \cdot \cos((87 \cdot \pi)/5000))/8,$
 $(25 \cdot \pi \cdot \cos((71 \cdot \pi)/400) \cdot \cos((871 \cdot \pi)/50000))/8,$
 $(25 \cdot \pi \cdot \cos((9 \cdot \pi)/50) \cdot \cos((109 \cdot \pi)/6250))/8,$
 $(25 \cdot \pi \cdot \cos((73 \cdot \pi)/400) \cdot \cos((873 \cdot \pi)/50000))/8,$
 $(25 \cdot \pi \cdot \cos((37 \cdot \pi)/200) \cdot \cos((437 \cdot \pi)/25000))/8,$
 $(25 \cdot \pi \cdot \cos((3 \cdot \pi)/16) \cdot \cos((7 \cdot \pi)/400))/8,$
 $(25 \cdot \pi \cdot \cos((19 \cdot \pi)/100) \cdot \cos((219 \cdot \pi)/12500))/8,$
 $(25 \cdot \pi \cdot \cos((77 \cdot \pi)/400) \cdot \cos((877 \cdot \pi)/50000))/8,$
 $(25 \cdot \pi \cdot \cos((39 \cdot \pi)/200) \cdot \cos((439 \cdot \pi)/25000))/8,$
 $(25 \cdot \pi \cdot \cos((79 \cdot \pi)/400) \cdot \cos((879 \cdot \pi)/50000))/8, (25 \cdot \pi \cdot \cos((11 \cdot \pi)/625) \cdot (5^{1/2}/4 + 1/4))/8,$
 $(25 \cdot \pi \cdot \cos((81 \cdot \pi)/400) \cdot \cos((881 \cdot \pi)/50000))/8,$
 $(25 \cdot \pi \cdot \cos((41 \cdot \pi)/200) \cdot \cos((441 \cdot \pi)/25000))/8,$
 $(25 \cdot \pi \cdot \cos((83 \cdot \pi)/400) \cdot \cos((883 \cdot \pi)/50000))/8,$
 $(25 \cdot \pi \cdot \cos((21 \cdot \pi)/100) \cdot \cos((221 \cdot \pi)/12500))/8,$
 $(25 \cdot \pi \cdot \cos((17 \cdot \pi)/80) \cdot \cos((177 \cdot \pi)/10000))/8,$
 $(25 \cdot \pi \cdot \cos((43 \cdot \pi)/200) \cdot \cos((443 \cdot \pi)/25000))/8,$
 $(25 \cdot \pi \cdot \cos((87 \cdot \pi)/400) \cdot \cos((887 \cdot \pi)/50000))/8,$
 $(25 \cdot \pi \cdot \cos((11 \cdot \pi)/50) \cdot \cos((111 \cdot \pi)/6250))/8,$
 $(25 \cdot \pi \cdot \cos((89 \cdot \pi)/400) \cdot \cos((889 \cdot \pi)/50000))/8,$
 $(25 \cdot \pi \cdot \cos((9 \cdot \pi)/40) \cdot \cos((89 \cdot \pi)/5000))/8,$
 $(25 \cdot \pi \cdot \cos((91 \cdot \pi)/400) \cdot \cos((891 \cdot \pi)/50000))/8,$
 $(25 \cdot \pi \cdot \cos((23 \cdot \pi)/100) \cdot \cos((223 \cdot \pi)/12500))/8,$
 $(25 \cdot \pi \cdot \cos((93 \cdot \pi)/400) \cdot \cos((893 \cdot \pi)/50000))/8,$
 $(25 \cdot \pi \cdot \cos((47 \cdot \pi)/200) \cdot \cos((447 \cdot \pi)/25000))/8,$
 $(25 \cdot \pi \cdot \cos((19 \cdot \pi)/80) \cdot \cos((179 \cdot \pi)/10000))/8,$
 $(25 \cdot \pi \cdot \cos((6 \cdot \pi)/25) \cdot \cos((56 \cdot \pi)/3125))/8,$

$(25\pi \cos((97\pi)/400) \cos((897\pi)/50000))/8,$
 $(25\pi \cos((49\pi)/200) \cos((449\pi)/25000))/8,$
 $(25\pi \cos((99\pi)/400) \cos((899\pi)/50000))/8, (25 \cdot 2^{(1/2)} \pi \cos((9\pi)/500))/16,$
 $(25\pi \cos((101\pi)/400) \cos((901\pi)/50000))/8,$
 $(25\pi \cos((51\pi)/200) \cos((451\pi)/25000))/8,$
 $(25\pi \cos((103\pi)/400) \cos((903\pi)/50000))/8,$
 $(25\pi \cos((13\pi)/50) \cos((113\pi)/6250))/8,$
 $(25\pi \cos((21\pi)/80) \cos((181\pi)/10000))/8,$
 $(25\pi \cos((53\pi)/200) \cos((453\pi)/25000))/8,$
 $(25\pi \cos((107\pi)/400) \cos((907\pi)/50000))/8,$
 $(25\pi \cos((27\pi)/100) \cos((227\pi)/12500))/8,$
 $(25\pi \cos((109\pi)/400) \cos((909\pi)/50000))/8,$
 $(25\pi \cos((11\pi)/40) \cos((91\pi)/5000))/8,$
 $(25\pi \cos((111\pi)/400) \cos((911\pi)/50000))/8,$
 $(25\pi \cos((7\pi)/25) \cos((57\pi)/3125))/8,$
 $(25\pi \cos((113\pi)/400) \cos((913\pi)/50000))/8,$
 $(25\pi \cos((57\pi)/200) \cos((457\pi)/25000))/8,$
 $(25\pi \cos((23\pi)/80) \cos((183\pi)/10000))/8,$
 $(25\pi \cos((29\pi)/100) \cos((229\pi)/12500))/8,$
 $(25\pi \cos((117\pi)/400) \cos((917\pi)/50000))/8,$
 $(25\pi \cos((59\pi)/200) \cos((459\pi)/25000))/8,$
 $(25\pi \cos((119\pi)/400) \cos((919\pi)/50000))/8, (25 \cdot 2^{(1/2)} \pi \cos((23\pi)/1250) \cdot (5 - 5^{(1/2)})^{(1/2)})/32, (25\pi \cos((121\pi)/400) \cos((921\pi)/50000))/8,$
 $(25\pi \cos((61\pi)/200) \cos((461\pi)/25000))/8,$
 $(25\pi \cos((123\pi)/400) \cos((923\pi)/50000))/8,$
 $(25\pi \cos((31\pi)/100) \cos((231\pi)/12500))/8,$
 $(25\pi \cos((5\pi)/16) \cos((37\pi)/2000))/8,$
 $(25\pi \cos((63\pi)/200) \cos((463\pi)/25000))/8,$
 $(25\pi \cos((127\pi)/400) \cos((927\pi)/50000))/8,$
 $(25\pi \cos((8\pi)/25) \cos((58\pi)/3125))/8,$
 $(25\pi \cos((129\pi)/400) \cos((929\pi)/50000))/8,$
 $(25\pi \cos((13\pi)/40) \cos((93\pi)/5000))/8,$
 $(25\pi \cos((131\pi)/400) \cos((931\pi)/50000))/8,$
 $(25\pi \cos((33\pi)/100) \cos((233\pi)/12500))/8,$
 $(25\pi \cos((133\pi)/400) \cos((933\pi)/50000))/8,$
 $(25\pi \cos((67\pi)/200) \cos((467\pi)/25000))/8,$
 $(25\pi \cos((27\pi)/80) \cos((187\pi)/10000))/8,$
 $(25\pi \cos((17\pi)/50) \cos((117\pi)/6250))/8,$
 $(25\pi \cos((137\pi)/400) \cos((937\pi)/50000))/8,$
 $(25\pi \cos((69\pi)/200) \cos((469\pi)/25000))/8,$
 $(25\pi \cos((139\pi)/400) \cos((939\pi)/50000))/8,$
 $(25\pi \cos((7\pi)/20) \cos((47\pi)/2500))/8,$
 $(25\pi \cos((141\pi)/400) \cos((941\pi)/50000))/8,$
 $(25\pi \cos((71\pi)/200) \cos((471\pi)/25000))/8,$
 $(25\pi \cos((143\pi)/400) \cos((943\pi)/50000))/8,$
 $(25\pi \cos((9\pi)/25) \cos((59\pi)/3125))/8,$
 $(25\pi \cos((29\pi)/80) \cos((189\pi)/10000))/8,$
 $(25\pi \cos((73\pi)/200) \cos((473\pi)/25000))/8,$
 $(25\pi \cos((147\pi)/400) \cos((947\pi)/50000))/8,$
 $(25\pi \cos((37\pi)/100) \cos((237\pi)/12500))/8,$
 $(25\pi \cos((149\pi)/400) \cos((949\pi)/50000))/8, (25\pi \cos((19\pi)/1000) \cdot (2 - 2^{(1/2)})^{(1/2)})/16, (25\pi \cos((151\pi)/400) \cos((951\pi)/50000))/8,$
 $(25\pi \cos((19\pi)/50) \cos((119\pi)/6250))/8,$
 $(25\pi \cos((153\pi)/400) \cos((953\pi)/50000))/8,$
 $(25\pi \cos((77\pi)/200) \cos((477\pi)/25000))/8,$

$(25\pi \cos((31\pi)/80) \cos((191\pi)/10000))/8,$
 $(25\pi \cos((39\pi)/100) \cos((239\pi)/12500))/8,$
 $(25\pi \cos((157\pi)/400) \cos((957\pi)/50000))/8,$
 $(25\pi \cos((79\pi)/200) \cos((479\pi)/25000))/8,$
 $(25\pi \cos((159\pi)/400) \cos((959\pi)/50000))/8, (25\pi \cos((12\pi)/625) * (5^{1/2})/4 -$
 $1/4))/8, (25\pi \cos((161\pi)/400) \cos((961\pi)/50000))/8,$
 $(25\pi \cos((81\pi)/200) \cos((481\pi)/25000))/8,$
 $(25\pi \cos((163\pi)/400) \cos((963\pi)/50000))/8,$
 $(25\pi \cos((41\pi)/100) \cos((241\pi)/12500))/8,$
 $(25\pi \cos((33\pi)/80) \cos((193\pi)/10000))/8,$
 $(25\pi \cos((83\pi)/200) \cos((483\pi)/25000))/8,$
 $(25\pi \cos((167\pi)/400) \cos((967\pi)/50000))/8,$
 $(25\pi \cos((21\pi)/50) \cos((121\pi)/6250))/8,$
 $(25\pi \cos((169\pi)/400) \cos((969\pi)/50000))/8,$
 $(25\pi \cos((17\pi)/40) \cos((97\pi)/5000))/8,$
 $(25\pi \cos((171\pi)/400) \cos((971\pi)/50000))/8,$
 $(25\pi \cos((43\pi)/100) \cos((243\pi)/12500))/8,$
 $(25\pi \cos((173\pi)/400) \cos((973\pi)/50000))/8,$
 $(25\pi \cos((87\pi)/200) \cos((487\pi)/25000))/8,$
 $(25\pi \cos((7\pi)/16) \cos((39\pi)/2000))/8,$
 $(25\pi \cos((11\pi)/25) \cos((61\pi)/3125))/8,$
 $(25\pi \cos((177\pi)/400) \cos((977\pi)/50000))/8,$
 $(25\pi \cos((89\pi)/200) \cos((489\pi)/25000))/8,$
 $(25\pi \cos((179\pi)/400) \cos((979\pi)/50000))/8,$
 $(25\pi \cos((9\pi)/20) \cos((49\pi)/2500))/8,$
 $(25\pi \cos((181\pi)/400) \cos((981\pi)/50000))/8,$
 $(25\pi \cos((91\pi)/200) \cos((491\pi)/25000))/8,$
 $(25\pi \cos((183\pi)/400) \cos((983\pi)/50000))/8,$
 $(25\pi \cos((23\pi)/50) \cos((123\pi)/6250))/8,$
 $(25\pi \cos((37\pi)/80) \cos((197\pi)/10000))/8,$
 $(25\pi \cos((93\pi)/200) \cos((493\pi)/25000))/8,$
 $(25\pi \cos((187\pi)/400) \cos((987\pi)/50000))/8,$
 $(25\pi \cos((47\pi)/100) \cos((247\pi)/12500))/8,$
 $(25\pi \cos((189\pi)/400) \cos((989\pi)/50000))/8,$
 $(25\pi \cos((19\pi)/40) \cos((99\pi)/5000))/8,$
 $(25\pi \cos((191\pi)/400) \cos((991\pi)/50000))/8,$
 $(25\pi \cos((12\pi)/25) \cos((62\pi)/3125))/8,$
 $(25\pi \cos((193\pi)/400) \cos((993\pi)/50000))/8,$
 $(25\pi \cos((97\pi)/200) \cos((497\pi)/25000))/8,$
 $(25\pi \cos((39\pi)/80) \cos((199\pi)/10000))/8,$
 $(25\pi \cos((49\pi)/100) \cos((249\pi)/12500))/8,$
 $(25\pi \cos((197\pi)/400) \cos((997\pi)/50000))/8,$
 $(25\pi \cos((99\pi)/200) \cos((499\pi)/25000))/8,$
 $(25\pi \cos((199\pi)/400) \cos((999\pi)/50000))/8, 0, -$
 $(25\pi \cos((199\pi)/400) \cos((1001\pi)/50000))/8, -$
 $(25\pi \cos((99\pi)/200) \cos((501\pi)/25000))/8, -$
 $(25\pi \cos((197\pi)/400) \cos((1003\pi)/50000))/8, -$
 $(25\pi \cos((49\pi)/100) \cos((251\pi)/12500))/8, -$
 $(25\pi \cos((39\pi)/80) \cos((201\pi)/10000))/8, -$
 $(25\pi \cos((97\pi)/200) \cos((503\pi)/25000))/8, -$
 $(25\pi \cos((193\pi)/400) \cos((1007\pi)/50000))/8, -$
 $(25\pi \cos((12\pi)/25) \cos((63\pi)/3125))/8, -$
 $(25\pi \cos((191\pi)/400) \cos((1009\pi)/50000))/8, -$
 $(25\pi \cos((19\pi)/40) \cos((101\pi)/5000))/8, -$
 $(25\pi \cos((189\pi)/400) \cos((1011\pi)/50000))/8, -$

$(25\pi \cos((47\pi)/100) \cos((253\pi)/12500))/8, -$
 $(25\pi \cos((187\pi)/400) \cos((1013\pi)/50000))/8, -$
 $(25\pi \cos((93\pi)/200) \cos((507\pi)/25000))/8, -$
 $(25\pi \cos((37\pi)/80) \cos((203\pi)/10000))/8, -$
 $(25\pi \cos((23\pi)/50) \cos((127\pi)/6250))/8, -$
 $(25\pi \cos((183\pi)/400) \cos((1017\pi)/50000))/8, -$
 $(25\pi \cos((91\pi)/200) \cos((509\pi)/25000))/8, -$
 $(25\pi \cos((181\pi)/400) \cos((1019\pi)/50000))/8, -$
 $(25\pi \cos((9\pi)/20) \cos((51\pi)/2500))/8, -$
 $(25\pi \cos((179\pi)/400) \cos((1021\pi)/50000))/8, -$
 $(25\pi \cos((89\pi)/200) \cos((511\pi)/25000))/8, -$
 $(25\pi \cos((177\pi)/400) \cos((1023\pi)/50000))/8, -$
 $(25\pi \cos((11\pi)/25) \cos((64\pi)/3125))/8, -$
 $(25\pi \cos((7\pi)/16) \cos((41\pi)/2000))/8, -$
 $(25\pi \cos((87\pi)/200) \cos((513\pi)/25000))/8, -$
 $(25\pi \cos((173\pi)/400) \cos((1027\pi)/50000))/8, -$
 $(25\pi \cos((43\pi)/100) \cos((257\pi)/12500))/8, -$
 $(25\pi \cos((171\pi)/400) \cos((1029\pi)/50000))/8, -$
 $(25\pi \cos((17\pi)/40) \cos((103\pi)/5000))/8, -$
 $(25\pi \cos((169\pi)/400) \cos((1031\pi)/50000))/8, -$
 $(25\pi \cos((21\pi)/50) \cos((129\pi)/6250))/8, -$
 $(25\pi \cos((167\pi)/400) \cos((1033\pi)/50000))/8, -$
 $(25\pi \cos((83\pi)/200) \cos((517\pi)/25000))/8, -$
 $(25\pi \cos((33\pi)/80) \cos((207\pi)/10000))/8, -$
 $(25\pi \cos((41\pi)/100) \cos((259\pi)/12500))/8, -$
 $(25\pi \cos((163\pi)/400) \cos((1037\pi)/50000))/8, -$
 $(25\pi \cos((81\pi)/200) \cos((519\pi)/25000))/8, -$
 $(25\pi \cos((161\pi)/400) \cos((1039\pi)/50000))/8, - (25\pi \cos((13\pi)/625) * (5^{1/2})/4 -$
 $1/4))/8, - (25\pi \cos((159\pi)/400) \cos((1041\pi)/50000))/8, -$
 $(25\pi \cos((79\pi)/200) \cos((521\pi)/25000))/8, -$
 $(25\pi \cos((157\pi)/400) \cos((1043\pi)/50000))/8, -$
 $(25\pi \cos((39\pi)/100) \cos((261\pi)/12500))/8, -$
 $(25\pi \cos((31\pi)/80) \cos((209\pi)/10000))/8, -$
 $(25\pi \cos((77\pi)/200) \cos((523\pi)/25000))/8, -$
 $(25\pi \cos((153\pi)/400) \cos((1047\pi)/50000))/8, -$
 $(25\pi \cos((19\pi)/50) \cos((131\pi)/6250))/8, -$
 $(25\pi \cos((151\pi)/400) \cos((1049\pi)/50000))/8, - (25\pi \cos((21\pi)/1000) * (2 -$
 $2^{1/2})^{1/2})/16, - (25\pi \cos((149\pi)/400) \cos((1051\pi)/50000))/8, -$
 $(25\pi \cos((37\pi)/100) \cos((263\pi)/12500))/8, -$
 $(25\pi \cos((147\pi)/400) \cos((1053\pi)/50000))/8, -$
 $(25\pi \cos((73\pi)/200) \cos((527\pi)/25000))/8, -$
 $(25\pi \cos((29\pi)/80) \cos((211\pi)/10000))/8, -$
 $(25\pi \cos((9\pi)/25) \cos((66\pi)/3125))/8, -$
 $(25\pi \cos((143\pi)/400) \cos((1057\pi)/50000))/8, -$
 $(25\pi \cos((71\pi)/200) \cos((529\pi)/25000))/8, -$
 $(25\pi \cos((141\pi)/400) \cos((1059\pi)/50000))/8, -$
 $(25\pi \cos((7\pi)/20) \cos((53\pi)/2500))/8, -$
 $(25\pi \cos((139\pi)/400) \cos((1061\pi)/50000))/8, -$
 $(25\pi \cos((69\pi)/200) \cos((531\pi)/25000))/8, -$
 $(25\pi \cos((137\pi)/400) \cos((1063\pi)/50000))/8, -$
 $(25\pi \cos((17\pi)/50) \cos((133\pi)/6250))/8, -$
 $(25\pi \cos((27\pi)/80) \cos((213\pi)/10000))/8, -$
 $(25\pi \cos((67\pi)/200) \cos((533\pi)/25000))/8, -$
 $(25\pi \cos((133\pi)/400) \cos((1067\pi)/50000))/8, -$
 $(25\pi \cos((33\pi)/100) \cos((267\pi)/12500))/8, -$

$(25\pi \cos((131\pi)/400) \cos((1069\pi)/50000))/8, -$
 $(25\pi \cos((13\pi)/40) \cos((107\pi)/5000))/8, -$
 $(25\pi \cos((129\pi)/400) \cos((1071\pi)/50000))/8, -$
 $(25\pi \cos((8\pi)/25) \cos((67\pi)/3125))/8, -$
 $(25\pi \cos((127\pi)/400) \cos((1073\pi)/50000))/8, -$
 $(25\pi \cos((63\pi)/200) \cos((537\pi)/25000))/8, -$
 $(25\pi \cos((5\pi)/16) \cos((43\pi)/2000))/8, -$
 $(25\pi \cos((31\pi)/100) \cos((269\pi)/12500))/8, -$
 $(25\pi \cos((123\pi)/400) \cos((1077\pi)/50000))/8, -$
 $(25\pi \cos((61\pi)/200) \cos((539\pi)/25000))/8, -$
 $(25\pi \cos((121\pi)/400) \cos((1079\pi)/50000))/8, - (25 \cdot 2^{(1/2)} \pi \cos((27\pi)/1250) \cdot (5$
 $- 5^{(1/2)})^{(1/2)})/32, - (25\pi \cos((119\pi)/400) \cos((1081\pi)/50000))/8, -$
 $(25\pi \cos((59\pi)/200) \cos((541\pi)/25000))/8, -$
 $(25\pi \cos((117\pi)/400) \cos((1083\pi)/50000))/8, -$
 $(25\pi \cos((29\pi)/100) \cos((271\pi)/12500))/8, -$
 $(25\pi \cos((23\pi)/80) \cos((217\pi)/10000))/8, -$
 $(25\pi \cos((57\pi)/200) \cos((543\pi)/25000))/8, -$
 $(25\pi \cos((113\pi)/400) \cos((1087\pi)/50000))/8, -$
 $(25\pi \cos((7\pi)/25) \cos((68\pi)/3125))/8, -$
 $(25\pi \cos((111\pi)/400) \cos((1089\pi)/50000))/8, -$
 $(25\pi \cos((11\pi)/40) \cos((109\pi)/5000))/8, -$
 $(25\pi \cos((109\pi)/400) \cos((1091\pi)/50000))/8, -$
 $(25\pi \cos((27\pi)/100) \cos((273\pi)/12500))/8, -$
 $(25\pi \cos((107\pi)/400) \cos((1093\pi)/50000))/8, -$
 $(25\pi \cos((53\pi)/200) \cos((547\pi)/25000))/8, -$
 $(25\pi \cos((21\pi)/80) \cos((219\pi)/10000))/8, -$
 $(25\pi \cos((13\pi)/50) \cos((137\pi)/6250))/8, -$
 $(25\pi \cos((103\pi)/400) \cos((1097\pi)/50000))/8, -$
 $(25\pi \cos((51\pi)/200) \cos((549\pi)/25000))/8, -$
 $(25\pi \cos((101\pi)/400) \cos((1099\pi)/50000))/8, - (25 \cdot 2^{(1/2)} \pi \cos((11\pi)/500))/16,$
 $- (25\pi \cos((99\pi)/400) \cos((1101\pi)/50000))/8, -$
 $(25\pi \cos((49\pi)/200) \cos((551\pi)/25000))/8, -$
 $(25\pi \cos((97\pi)/400) \cos((1103\pi)/50000))/8, -$
 $(25\pi \cos((6\pi)/25) \cos((69\pi)/3125))/8, -$
 $(25\pi \cos((19\pi)/80) \cos((221\pi)/10000))/8, -$
 $(25\pi \cos((47\pi)/200) \cos((553\pi)/25000))/8, -$
 $(25\pi \cos((93\pi)/400) \cos((1107\pi)/50000))/8, -$
 $(25\pi \cos((23\pi)/100) \cos((277\pi)/12500))/8, -$
 $(25\pi \cos((91\pi)/400) \cos((1109\pi)/50000))/8, -$
 $(25\pi \cos((9\pi)/40) \cos((111\pi)/5000))/8, -$
 $(25\pi \cos((89\pi)/400) \cos((1111\pi)/50000))/8, -$
 $(25\pi \cos((11\pi)/50) \cos((139\pi)/6250))/8, -$
 $(25\pi \cos((87\pi)/400) \cos((1113\pi)/50000))/8, -$
 $(25\pi \cos((43\pi)/200) \cos((557\pi)/25000))/8, -$
 $(25\pi \cos((17\pi)/80) \cos((223\pi)/10000))/8, -$
 $(25\pi \cos((21\pi)/100) \cos((279\pi)/12500))/8, -$
 $(25\pi \cos((83\pi)/400) \cos((1117\pi)/50000))/8, -$
 $(25\pi \cos((41\pi)/200) \cos((559\pi)/25000))/8, -$
 $(25\pi \cos((81\pi)/400) \cos((1119\pi)/50000))/8, - (25\pi \cos((14\pi)/625) \cdot (5^{(1/2)}/4 +$
 $1/4))/8, - (25\pi \cos((79\pi)/400) \cos((1121\pi)/50000))/8, -$
 $(25\pi \cos((39\pi)/200) \cos((561\pi)/25000))/8, -$
 $(25\pi \cos((77\pi)/400) \cos((1123\pi)/50000))/8, -$
 $(25\pi \cos((19\pi)/100) \cos((281\pi)/12500))/8, -$
 $(25\pi \cos((3\pi)/16) \cos((9\pi)/400))/8, -$
 $(25\pi \cos((37\pi)/200) \cos((563\pi)/25000))/8, -$

$(25\pi \cos((73\pi)/400) \cos((1127\pi)/50000))/8, -$
 $(25\pi \cos((9\pi)/50) \cos((141\pi)/6250))/8, -$
 $(25\pi \cos((71\pi)/400) \cos((1129\pi)/50000))/8, -$
 $(25\pi \cos((7\pi)/40) \cos((113\pi)/5000))/8, -$
 $(25\pi \cos((69\pi)/400) \cos((1131\pi)/50000))/8, -$
 $(25\pi \cos((17\pi)/100) \cos((283\pi)/12500))/8, -$
 $(25\pi \cos((67\pi)/400) \cos((1133\pi)/50000))/8, -$
 $(25\pi \cos((33\pi)/200) \cos((567\pi)/25000))/8, -$
 $(25\pi \cos((13\pi)/80) \cos((227\pi)/10000))/8, -$
 $(25\pi \cos((4\pi)/25) \cos((71\pi)/3125))/8, -$
 $(25\pi \cos((63\pi)/400) \cos((1137\pi)/50000))/8, -$
 $(25\pi \cos((31\pi)/200) \cos((569\pi)/25000))/8, -$
 $(25\pi \cos((61\pi)/400) \cos((1139\pi)/50000))/8, -$
 $(25\pi \cos((3\pi)/20) \cos((57\pi)/2500))/8, -$
 $(25\pi \cos((59\pi)/400) \cos((1141\pi)/50000))/8, -$
 $(25\pi \cos((29\pi)/200) \cos((571\pi)/25000))/8, -$
 $(25\pi \cos((57\pi)/400) \cos((1143\pi)/50000))/8, -$
 $(25\pi \cos((7\pi)/50) \cos((143\pi)/6250))/8, -$
 $(25\pi \cos((11\pi)/80) \cos((229\pi)/10000))/8, -$
 $(25\pi \cos((27\pi)/200) \cos((573\pi)/25000))/8, -$
 $(25\pi \cos((53\pi)/400) \cos((1147\pi)/50000))/8, -$
 $(25\pi \cos((13\pi)/100) \cos((287\pi)/12500))/8, -$
 $(25\pi \cos((51\pi)/400) \cos((1149\pi)/50000))/8, - (25\pi \cos((23\pi)/1000) * (2^{(1/2)} + 2)^{(1/2)})/16, - (25\pi \cos((49\pi)/400) \cos((1151\pi)/50000))/8, -$
 $(25\pi \cos((3\pi)/25) \cos((72\pi)/3125))/8, -$
 $(25\pi \cos((47\pi)/400) \cos((1153\pi)/50000))/8, -$
 $(25\pi \cos((23\pi)/200) \cos((577\pi)/25000))/8, -$
 $(25\pi \cos((9\pi)/80) \cos((231\pi)/10000))/8, -$
 $(25\pi \cos((11\pi)/100) \cos((289\pi)/12500))/8, -$
 $(25\pi \cos((43\pi)/400) \cos((1157\pi)/50000))/8, -$
 $(25\pi \cos((21\pi)/200) \cos((579\pi)/25000))/8, -$
 $(25\pi \cos((41\pi)/400) \cos((1159\pi)/50000))/8, -$
 $(25 * 2^{(1/2)} * \pi * \cos((29\pi)/1250) * (5^{(1/2)} + 5)^{(1/2)})/32, -$
 $(25\pi \cos((39\pi)/400) \cos((1161\pi)/50000))/8, -$
 $(25\pi \cos((19\pi)/200) \cos((581\pi)/25000))/8, -$
 $(25\pi \cos((37\pi)/400) \cos((1163\pi)/50000))/8, -$
 $(25\pi \cos((9\pi)/100) \cos((291\pi)/12500))/8, -$
 $(25\pi \cos((7\pi)/80) \cos((233\pi)/10000))/8, -$
 $(25\pi \cos((17\pi)/200) \cos((583\pi)/25000))/8, -$
 $(25\pi \cos((33\pi)/400) \cos((1167\pi)/50000))/8, -$
 $(25\pi \cos((2\pi)/25) \cos((73\pi)/3125))/8, -$
 $(25\pi \cos((31\pi)/400) \cos((1169\pi)/50000))/8, -$
 $(25\pi \cos((3\pi)/40) \cos((117\pi)/5000))/8, -$
 $(25\pi \cos((29\pi)/400) \cos((1171\pi)/50000))/8, -$
 $(25\pi \cos((7\pi)/100) \cos((293\pi)/12500))/8, -$
 $(25\pi \cos((27\pi)/400) \cos((1173\pi)/50000))/8, -$
 $(25\pi \cos((13\pi)/200) \cos((587\pi)/25000))/8, -$
 $(25\pi \cos(\pi/16) \cos((47\pi)/2000))/8, - (25\pi \cos((3\pi)/50) \cos((147\pi)/6250))/8, -$
 $(25\pi \cos((23\pi)/400) \cos((1177\pi)/50000))/8, -$
 $(25\pi \cos((11\pi)/200) \cos((589\pi)/25000))/8, -$
 $(25\pi \cos((21\pi)/400) \cos((1179\pi)/50000))/8, -$
 $(25\pi \cos(\pi/20) \cos((59\pi)/2500))/8, -$
 $(25\pi \cos((19\pi)/400) \cos((1181\pi)/50000))/8, -$
 $(25\pi \cos((9\pi)/200) \cos((591\pi)/25000))/8, -$
 $(25\pi \cos((17\pi)/400) \cos((1183\pi)/50000))/8, -$

$(25\pi \cos(\pi/25) \cos((74\pi)/3125))/8, - (25\pi \cos((3\pi)/80) \cos((237\pi)/10000))/8,$
 $- (25\pi \cos((7\pi)/200) \cos((593\pi)/25000))/8, -$
 $(25\pi \cos((13\pi)/400) \cos((1187\pi)/50000))/8, -$
 $(25\pi \cos((3\pi)/100) \cos((297\pi)/12500))/8, -$
 $(25\pi \cos((11\pi)/400) \cos((1189\pi)/50000))/8, -$
 $(25\pi \cos(\pi/40) \cos((119\pi)/5000))/8, -$
 $(25\pi \cos((9\pi)/400) \cos((1191\pi)/50000))/8, -$
 $(25\pi \cos(\pi/50) \cos((149\pi)/6250))/8, -$
 $(25\pi \cos((7\pi)/400) \cos((1193\pi)/50000))/8, -$
 $(25\pi \cos((3\pi)/200) \cos((597\pi)/25000))/8, -$
 $(25\pi \cos(\pi/80) \cos((239\pi)/10000))/8, - (25\pi \cos(\pi/100) \cos((299\pi)/12500))/8, -$
 $(25\pi \cos((3\pi)/400) \cos((1197\pi)/50000))/8, -$
 $(25\pi \cos(\pi/200) \cos((599\pi)/25000))/8, - (25\pi \cos(\pi/400) \cos((1199\pi)/50000))/8,$
 $- (25\pi \cos((3\pi)/125))/8, - (25\pi \cos(\pi/400) \cos((1201\pi)/50000))/8, -$
 $(25\pi \cos(\pi/200) \cos((601\pi)/25000))/8, -$
 $(25\pi \cos((3\pi)/400) \cos((1203\pi)/50000))/8, -$
 $(25\pi \cos(\pi/100) \cos((301\pi)/12500))/8, - (25\pi \cos(\pi/80) \cos((241\pi)/10000))/8, -$
 $(25\pi \cos((3\pi)/200) \cos((603\pi)/25000))/8, -$
 $(25\pi \cos((7\pi)/400) \cos((1207\pi)/50000))/8, -$
 $(25\pi \cos(\pi/50) \cos((151\pi)/6250))/8, -$
 $(25\pi \cos((9\pi)/400) \cos((1209\pi)/50000))/8, -$
 $(25\pi \cos(\pi/40) \cos((121\pi)/5000))/8, -$
 $(25\pi \cos((11\pi)/400) \cos((1211\pi)/50000))/8, -$
 $(25\pi \cos((3\pi)/100) \cos((303\pi)/12500))/8, -$
 $(25\pi \cos((13\pi)/400) \cos((1213\pi)/50000))/8, -$
 $(25\pi \cos((7\pi)/200) \cos((607\pi)/25000))/8, -$
 $(25\pi \cos((3\pi)/80) \cos((243\pi)/10000))/8, - (25\pi \cos(\pi/25) \cos((76\pi)/3125))/8,$
 $- (25\pi \cos((17\pi)/400) \cos((1217\pi)/50000))/8, -$
 $(25\pi \cos((9\pi)/200) \cos((609\pi)/25000))/8, -$
 $(25\pi \cos((19\pi)/400) \cos((1219\pi)/50000))/8, -$
 $(25\pi \cos(\pi/20) \cos((61\pi)/2500))/8, -$
 $(25\pi \cos((21\pi)/400) \cos((1221\pi)/50000))/8, -$
 $(25\pi \cos((11\pi)/200) \cos((611\pi)/25000))/8, -$
 $(25\pi \cos((23\pi)/400) \cos((1223\pi)/50000))/8, -$
 $(25\pi \cos((3\pi)/50) \cos((153\pi)/6250))/8, - (25\pi \cos(\pi/16) \cos((49\pi)/2000))/8, -$
 $(25\pi \cos((13\pi)/200) \cos((613\pi)/25000))/8, -$
 $(25\pi \cos((27\pi)/400) \cos((1227\pi)/50000))/8, -$
 $(25\pi \cos((7\pi)/100) \cos((307\pi)/12500))/8, -$
 $(25\pi \cos((29\pi)/400) \cos((1229\pi)/50000))/8, -$
 $(25\pi \cos((3\pi)/40) \cos((123\pi)/5000))/8, -$
 $(25\pi \cos((31\pi)/400) \cos((1231\pi)/50000))/8, -$
 $(25\pi \cos((2\pi)/25) \cos((77\pi)/3125))/8, -$
 $(25\pi \cos((33\pi)/400) \cos((1233\pi)/50000))/8, -$
 $(25\pi \cos((17\pi)/200) \cos((617\pi)/25000))/8, -$
 $(25\pi \cos((7\pi)/80) \cos((247\pi)/10000))/8, -$
 $(25\pi \cos((9\pi)/100) \cos((309\pi)/12500))/8, -$
 $(25\pi \cos((37\pi)/400) \cos((1237\pi)/50000))/8, -$
 $(25\pi \cos((19\pi)/200) \cos((619\pi)/25000))/8, -$
 $(25\pi \cos((39\pi)/400) \cos((1239\pi)/50000))/8, -$
 $(25 \cdot 2^{(1/2)} \pi \cos((31\pi)/1250) \cdot (5^{(1/2)} + 5)^{(1/2)})/32, -$
 $(25\pi \cos((41\pi)/400) \cos((1241\pi)/50000))/8, -$
 $(25\pi \cos((21\pi)/200) \cos((621\pi)/25000))/8, -$
 $(25\pi \cos((43\pi)/400) \cos((1243\pi)/50000))/8, -$
 $(25\pi \cos((11\pi)/100) \cos((311\pi)/12500))/8, -$
 $(25\pi \cos((9\pi)/80) \cos((249\pi)/10000))/8, -$

$(25\pi \cos((23\pi)/200) \cos((623\pi)/25000))/8, -$
 $(25\pi \cos((47\pi)/400) \cos((1247\pi)/50000))/8, -$
 $(25\pi \cos((3\pi)/25) \cos((78\pi)/3125))/8, -$
 $(25\pi \cos((49\pi)/400) \cos((1249\pi)/50000))/8, - (25\pi \cos(\pi/40) (2^{(1/2)} + 2)^{(1/2)})/16, - (25\pi \cos((51\pi)/400) \cos((1251\pi)/50000))/8, -$
 $(25\pi \cos((13\pi)/100) \cos((313\pi)/12500))/8, -$
 $(25\pi \cos((53\pi)/400) \cos((1253\pi)/50000))/8, -$
 $(25\pi \cos((27\pi)/200) \cos((627\pi)/25000))/8, -$
 $(25\pi \cos((11\pi)/80) \cos((251\pi)/10000))/8, -$
 $(25\pi \cos((7\pi)/50) \cos((157\pi)/6250))/8, -$
 $(25\pi \cos((57\pi)/400) \cos((1257\pi)/50000))/8, -$
 $(25\pi \cos((29\pi)/200) \cos((629\pi)/25000))/8, -$
 $(25\pi \cos((59\pi)/400) \cos((1259\pi)/50000))/8, -$
 $(25\pi \cos((3\pi)/20) \cos((63\pi)/2500))/8, -$
 $(25\pi \cos((61\pi)/400) \cos((1261\pi)/50000))/8, -$
 $(25\pi \cos((31\pi)/200) \cos((631\pi)/25000))/8, -$
 $(25\pi \cos((63\pi)/400) \cos((1263\pi)/50000))/8, -$
 $(25\pi \cos((4\pi)/25) \cos((79\pi)/3125))/8, -$
 $(25\pi \cos((13\pi)/80) \cos((253\pi)/10000))/8, -$
 $(25\pi \cos((33\pi)/200) \cos((633\pi)/25000))/8, -$
 $(25\pi \cos((67\pi)/400) \cos((1267\pi)/50000))/8, -$
 $(25\pi \cos((17\pi)/100) \cos((317\pi)/12500))/8, -$
 $(25\pi \cos((69\pi)/400) \cos((1269\pi)/50000))/8, -$
 $(25\pi \cos((7\pi)/40) \cos((127\pi)/5000))/8, -$
 $(25\pi \cos((71\pi)/400) \cos((1271\pi)/50000))/8, -$
 $(25\pi \cos((9\pi)/50) \cos((159\pi)/6250))/8, -$
 $(25\pi \cos((73\pi)/400) \cos((1273\pi)/50000))/8, -$
 $(25\pi \cos((37\pi)/200) \cos((637\pi)/25000))/8, -$
 $(25\pi \cos((3\pi)/16) \cos((51\pi)/2000))/8, -$
 $(25\pi \cos((19\pi)/100) \cos((319\pi)/12500))/8, -$
 $(25\pi \cos((77\pi)/400) \cos((1277\pi)/50000))/8, -$
 $(25\pi \cos((39\pi)/200) \cos((639\pi)/25000))/8, -$
 $(25\pi \cos((79\pi)/400) \cos((1279\pi)/50000))/8, - (25\pi \cos((16\pi)/625) (5^{(1/2)}/4 + 1/4))/8, - (25\pi \cos((81\pi)/400) \cos((1281\pi)/50000))/8, -$
 $(25\pi \cos((41\pi)/200) \cos((641\pi)/25000))/8, -$
 $(25\pi \cos((83\pi)/400) \cos((1283\pi)/50000))/8, -$
 $(25\pi \cos((21\pi)/100) \cos((321\pi)/12500))/8, -$
 $(25\pi \cos((17\pi)/80) \cos((257\pi)/10000))/8, -$
 $(25\pi \cos((43\pi)/200) \cos((643\pi)/25000))/8, -$
 $(25\pi \cos((87\pi)/400) \cos((1287\pi)/50000))/8, -$
 $(25\pi \cos((11\pi)/50) \cos((161\pi)/6250))/8, -$
 $(25\pi \cos((89\pi)/400) \cos((1289\pi)/50000))/8, -$
 $(25\pi \cos((9\pi)/40) \cos((129\pi)/5000))/8, -$
 $(25\pi \cos((91\pi)/400) \cos((1291\pi)/50000))/8, -$
 $(25\pi \cos((23\pi)/100) \cos((323\pi)/12500))/8, -$
 $(25\pi \cos((93\pi)/400) \cos((1293\pi)/50000))/8, -$
 $(25\pi \cos((47\pi)/200) \cos((647\pi)/25000))/8, -$
 $(25\pi \cos((19\pi)/80) \cos((259\pi)/10000))/8, -$
 $(25\pi \cos((6\pi)/25) \cos((81\pi)/3125))/8, -$
 $(25\pi \cos((97\pi)/400) \cos((1297\pi)/50000))/8, -$
 $(25\pi \cos((49\pi)/200) \cos((649\pi)/25000))/8, -$
 $(25\pi \cos((99\pi)/400) \cos((1299\pi)/50000))/8, - (25 \cdot 2^{(1/2)} \pi \cos((13\pi)/500))/16,$
 $-(25\pi \cos((101\pi)/400) \cos((1301\pi)/50000))/8, -$
 $(25\pi \cos((51\pi)/200) \cos((651\pi)/25000))/8, -$
 $(25\pi \cos((103\pi)/400) \cos((1303\pi)/50000))/8, -$

$(25\pi \cos((13\pi)/50) \cos((163\pi)/6250))/8, -$
 $(25\pi \cos((21\pi)/80) \cos((261\pi)/10000))/8, -$
 $(25\pi \cos((53\pi)/200) \cos((653\pi)/25000))/8, -$
 $(25\pi \cos((107\pi)/400) \cos((1307\pi)/50000))/8, -$
 $(25\pi \cos((27\pi)/100) \cos((327\pi)/12500))/8, -$
 $(25\pi \cos((109\pi)/400) \cos((1309\pi)/50000))/8, -$
 $(25\pi \cos((11\pi)/40) \cos((131\pi)/5000))/8, -$
 $(25\pi \cos((111\pi)/400) \cos((1311\pi)/50000))/8, -$
 $(25\pi \cos((7\pi)/25) \cos((82\pi)/3125))/8, -$
 $(25\pi \cos((113\pi)/400) \cos((1313\pi)/50000))/8, -$
 $(25\pi \cos((57\pi)/200) \cos((657\pi)/25000))/8, -$
 $(25\pi \cos((23\pi)/80) \cos((263\pi)/10000))/8, -$
 $(25\pi \cos((29\pi)/100) \cos((329\pi)/12500))/8, -$
 $(25\pi \cos((117\pi)/400) \cos((1317\pi)/50000))/8, -$
 $(25\pi \cos((59\pi)/200) \cos((659\pi)/25000))/8, -$
 $(25\pi \cos((119\pi)/400) \cos((1319\pi)/50000))/8, - (25 \cdot 2^{(1/2)} \pi \cos((33\pi)/1250) \cdot (5$
 $- 5^{(1/2)})^{(1/2)})/32, - (25\pi \cos((121\pi)/400) \cos((1321\pi)/50000))/8, -$
 $(25\pi \cos((61\pi)/200) \cos((661\pi)/25000))/8, -$
 $(25\pi \cos((123\pi)/400) \cos((1323\pi)/50000))/8, -$
 $(25\pi \cos((31\pi)/100) \cos((331\pi)/12500))/8, -$
 $(25\pi \cos((5\pi)/16) \cos((53\pi)/2000))/8, -$
 $(25\pi \cos((63\pi)/200) \cos((663\pi)/25000))/8, -$
 $(25\pi \cos((127\pi)/400) \cos((1327\pi)/50000))/8, -$
 $(25\pi \cos((8\pi)/25) \cos((83\pi)/3125))/8, -$
 $(25\pi \cos((129\pi)/400) \cos((1329\pi)/50000))/8, -$
 $(25\pi \cos((13\pi)/40) \cos((133\pi)/5000))/8, -$
 $(25\pi \cos((131\pi)/400) \cos((1331\pi)/50000))/8, -$
 $(25\pi \cos((33\pi)/100) \cos((333\pi)/12500))/8, -$
 $(25\pi \cos((133\pi)/400) \cos((1333\pi)/50000))/8, -$
 $(25\pi \cos((67\pi)/200) \cos((667\pi)/25000))/8, -$
 $(25\pi \cos((27\pi)/80) \cos((267\pi)/10000))/8, -$
 $(25\pi \cos((17\pi)/50) \cos((167\pi)/6250))/8, -$
 $(25\pi \cos((137\pi)/400) \cos((1337\pi)/50000))/8, -$
 $(25\pi \cos((69\pi)/200) \cos((669\pi)/25000))/8, -$
 $(25\pi \cos((139\pi)/400) \cos((1339\pi)/50000))/8, -$
 $(25\pi \cos((7\pi)/20) \cos((67\pi)/2500))/8, -$
 $(25\pi \cos((141\pi)/400) \cos((1341\pi)/50000))/8, -$
 $(25\pi \cos((71\pi)/200) \cos((671\pi)/25000))/8, -$
 $(25\pi \cos((143\pi)/400) \cos((1343\pi)/50000))/8, -$
 $(25\pi \cos((9\pi)/25) \cos((84\pi)/3125))/8, -$
 $(25\pi \cos((29\pi)/80) \cos((269\pi)/10000))/8, -$
 $(25\pi \cos((73\pi)/200) \cos((673\pi)/25000))/8, -$
 $(25\pi \cos((147\pi)/400) \cos((1347\pi)/50000))/8, -$
 $(25\pi \cos((37\pi)/100) \cos((337\pi)/12500))/8, -$
 $(25\pi \cos((149\pi)/400) \cos((1349\pi)/50000))/8, - (25\pi \cos((27\pi)/1000) \cdot (2 -$
 $2^{(1/2)})^{(1/2)})/16, - (25\pi \cos((151\pi)/400) \cos((1351\pi)/50000))/8, -$
 $(25\pi \cos((19\pi)/50) \cos((169\pi)/6250))/8, -$
 $(25\pi \cos((153\pi)/400) \cos((1353\pi)/50000))/8, -$
 $(25\pi \cos((77\pi)/200) \cos((677\pi)/25000))/8, -$
 $(25\pi \cos((31\pi)/80) \cos((271\pi)/10000))/8, -$
 $(25\pi \cos((39\pi)/100) \cos((339\pi)/12500))/8, -$
 $(25\pi \cos((157\pi)/400) \cos((1357\pi)/50000))/8, -$
 $(25\pi \cos((79\pi)/200) \cos((679\pi)/25000))/8, -$
 $(25\pi \cos((159\pi)/400) \cos((1359\pi)/50000))/8, - (25\pi \cos((17\pi)/625) \cdot (5^{(1/2)}/4 -$
 $1/4))/8, - (25\pi \cos((161\pi)/400) \cos((1361\pi)/50000))/8, -$

$(25\pi \cos((81\pi)/200) \cos((681\pi)/25000))/8, -$
 $(25\pi \cos((163\pi)/400) \cos((1363\pi)/50000))/8, -$
 $(25\pi \cos((41\pi)/100) \cos((341\pi)/12500))/8, -$
 $(25\pi \cos((33\pi)/80) \cos((273\pi)/10000))/8, -$
 $(25\pi \cos((83\pi)/200) \cos((683\pi)/25000))/8, -$
 $(25\pi \cos((167\pi)/400) \cos((1367\pi)/50000))/8, -$
 $(25\pi \cos((21\pi)/50) \cos((171\pi)/6250))/8, -$
 $(25\pi \cos((169\pi)/400) \cos((1369\pi)/50000))/8, -$
 $(25\pi \cos((17\pi)/40) \cos((137\pi)/5000))/8, -$
 $(25\pi \cos((171\pi)/400) \cos((1371\pi)/50000))/8, -$
 $(25\pi \cos((43\pi)/100) \cos((343\pi)/12500))/8, -$
 $(25\pi \cos((173\pi)/400) \cos((1373\pi)/50000))/8, -$
 $(25\pi \cos((87\pi)/200) \cos((687\pi)/25000))/8, -$
 $(25\pi \cos((7\pi)/16) \cos((11\pi)/400))/8, -$
 $(25\pi \cos((11\pi)/25) \cos((86\pi)/3125))/8, -$
 $(25\pi \cos((177\pi)/400) \cos((1377\pi)/50000))/8, -(25\pi \cos((89\pi)$
 $00) \cos((689\pi)/25000))/8, -(25\pi \cos((179\pi)/400) \cos((1379\pi)/50000))/8, -$
 $(25\pi \cos((9\pi)/20) \cos((69\pi)/2500))/8, -$
 $(25\pi \cos((181\pi)/400) \cos((1381\pi)/50000))/8, -$
 $(25\pi \cos((91\pi)/200) \cos((691\pi)/25000))/8, -$
 $(25\pi \cos((183\pi)/400) \cos((1383\pi)/50000))/8, -$
 $(25\pi \cos((23\pi)/50) \cos((173\pi)/6250))/8, -$
 $(25\pi \cos((37\pi)/80) \cos((277\pi)/10000))/8, -$
 $(25\pi \cos((93\pi)/200) \cos((693\pi)/25000))/8, -$
 $(25\pi \cos((187\pi)/400) \cos((1387\pi)/50000))/8, -$
 $(25\pi \cos((47\pi)/100) \cos((347\pi)/12500))/8, -$
 $(25\pi \cos((189\pi)/400) \cos((1389\pi)/50000))/8, -$
 $(25\pi \cos((19\pi)/40) \cos((139\pi)/5000))/8, -$
 $(25\pi \cos((191\pi)/400) \cos((1391\pi)/50000))/8, -$
 $(25\pi \cos((12\pi)/25) \cos((87\pi)/3125))/8, -$
 $(25\pi \cos((193\pi)/400) \cos((1393\pi)/50000))/8, -$
 $(25\pi \cos((97\pi)/200) \cos((697\pi)/25000))/8, -$
 $(25\pi \cos((39\pi)/80) \cos((279\pi)/10000))/8, -$
 $(25\pi \cos((49\pi)/100) \cos((349\pi)/12500))/8, -$
 $(25\pi \cos((197\pi)/400) \cos((1397\pi)/50000))/8, -$
 $(25\pi \cos((99\pi)/200) \cos((699\pi)/25000))/8, -$
 $(25\pi \cos((199\pi)/400) \cos((1399\pi)/50000))/8, 0,$
 $(25\pi \cos((199\pi)/400) \cos((1401\pi)/50000))/8,$
 $(25\pi \cos((99\pi)/200) \cos((701\pi)/25000))/8,$
 $(25\pi \cos((197\pi)/400) \cos((1403\pi)/50000))/8,$
 $(25\pi \cos((49\pi)/100) \cos((351\pi)/12500))/8,$
 $(25\pi \cos((39\pi)/80) \cos((281\pi)/10000))/8,$
 $(25\pi \cos((97\pi)/200) \cos((703\pi)/25000))/8,$

$(25\pi \cos((193\pi)/400) \cos((1407\pi)/50000))/8,$
 $(25\pi \cos((12\pi)/25) \cos((88\pi)/3125))/8,$
 $(25\pi \cos((191\pi)/400) \cos((1409\pi)/50000))/8,$
 $(25\pi \cos((19\pi)/40) \cos((141\pi)/5000))/8,$
 $(25\pi \cos((189\pi)/400) \cos((1411\pi)/50000))/8,$
 $(25\pi \cos((47\pi)/100) \cos((353\pi)/12500))/8,$
 $(25\pi \cos((187\pi)/400) \cos((1413\pi)/50000))/8,$
 $(25\pi \cos((93\pi)/200) \cos((707\pi)/25000))/8,$
 $(25\pi \cos((37\pi)/80) \cos((283\pi)/10000))/8,$
 $(25\pi \cos((23\pi)/50) \cos((177\pi)/6250))/8,$
 $(25\pi \cos((183\pi)/400) \cos((1417\pi)/50000))/8,$
 $(25\pi \cos((91\pi)/200) \cos((709\pi)/25000))/8,$
 $(25\pi \cos((181\pi)/400) \cos((1419\pi)/50000))/8,$
 $(25\pi \cos((9\pi)/20) \cos((71\pi)/2500))/8,$
 $(25\pi \cos((179\pi)/400) \cos((1421\pi)/50000))/8,$
 $(25\pi \cos((89\pi)/200) \cos((711\pi)/25000))/8,$
 $(25\pi \cos((177\pi)/400) \cos((1423\pi)/50000))/8,$
 $(25\pi \cos((11\pi)/25) \cos((89\pi)/3125))/8,$
 $(25\pi \cos((7\pi)/16) \cos((57\pi)/2000))/8,$
 $(25\pi \cos((87\pi)/200) \cos((713\pi)/25000))/8,$
 $(25\pi \cos((173\pi)/400) \cos((1427\pi)/50000))/8,$
 $(25\pi \cos((43\pi)/100) \cos((357\pi)/12500))/8,$
 $(25\pi \cos((171\pi)/400) \cos((1429\pi)/50000))/8,$
 $(25\pi \cos((17\pi)/40) \cos((143\pi)/5000))/8,$
 $(25\pi \cos((169\pi)/400) \cos((1431\pi)/50000))/8,$
 $(25\pi \cos((21\pi)/50) \cos((179\pi)/6250))/8,$
 $(25\pi \cos((167\pi)/400) \cos((1433\pi)/50000))/8,$
 $(25\pi \cos((83\pi)/200) \cos((717\pi)/25000))/8,$
 $(25\pi \cos((33\pi)/80) \cos((287\pi)/10000))/8,$
 $(25\pi \cos((41\pi)/100) \cos((359\pi)/12500))/8,$
 $(25\pi \cos((163\pi)/400) \cos((1437\pi)/50000))/8,$
 $(25\pi \cos((81\pi)/200) \cos((719\pi)/25000))/8,$
 $(25\pi \cos((161\pi)/400) \cos((1439\pi)/50000))/8,$
 $(25\pi \cos((18\pi)/625) (5^{1/2}/4 - 1/4))/8,$
 $(25\pi \cos((159\pi)/400) \cos((1441\pi)/50000))/8,$
 $(25\pi \cos((79\pi)/200) \cos((721\pi)/25000))/8,$
 $(25\pi \cos((157\pi)/400) \cos((1443\pi)/50000))/8,$
 $(25\pi \cos((39\pi)/100) \cos((361\pi)/12500))/8,$
 $(25\pi \cos((31\pi)/80) \cos((289\pi)/10000))/8,$
 $(25\pi \cos((77\pi)/200) \cos((723\pi)/25000))/8,$
 $(25\pi \cos((153\pi)/400) \cos((1447\pi)/50000))/8,$
 $(25\pi \cos((19\pi)/50) \cos((181\pi)/6250))/8,$
 $(25\pi \cos((151\pi)/400) \cos((1449\pi)/50000))/8, (25\pi \cos((29\pi)/1000) (2 - 2^{1/2})^{1/2})/16, (25\pi \cos((149\pi)/400) \cos((1451\pi)/50000))/8,$

$(25\pi \cos((37\pi)/100) \cos((363\pi)/12500))/8,$
 $(25\pi \cos((147\pi)/400) \cos((1453\pi)/50000))/8,$
 $(25\pi \cos((73\pi)/200) \cos((727\pi)/25000))/8,$
 $(25\pi \cos((29\pi)/80) \cos((291\pi)/10000))/8,$
 $(25\pi \cos((9\pi)/25) \cos((91\pi)/3125))/8,$
 $(25\pi \cos((143\pi)/400) \cos((1457\pi)/50000))/8,$
 $(25\pi \cos((71\pi)/200) \cos((729\pi)/25000))/8,$
 $(25\pi \cos((141\pi)/400) \cos((1459\pi)/50000))/8,$
 $(25\pi \cos((7\pi)/20) \cos((73\pi)/2500))/8,$
 $(25\pi \cos((139\pi)/400) \cos((1461\pi)/50000))/8,$
 $(25\pi \cos((69\pi)/200) \cos((731\pi)/25000))/8,$
 $(25\pi \cos((137\pi)/400) \cos((1463\pi)/50000))/8,$
 $(25\pi \cos((17\pi)/50) \cos((183\pi)/6250))/8,$
 $(25\pi \cos((27\pi)/80) \cos((293\pi)/10000))/8,$
 $(25\pi \cos((67\pi)/200) \cos((733\pi)/25000))/8,$
 $(25\pi \cos((133\pi)/400) \cos((1467\pi)/50000))/8,$
 $(25\pi \cos((33\pi)/100) \cos((367\pi)/12500))/8,$
 $(25\pi \cos((131\pi)/400) \cos((1469\pi)/50000))/8,$
 $(25\pi \cos((13\pi)/40) \cos((147\pi)/5000))/8,$
 $(25\pi \cos((129\pi)/400) \cos((1471\pi)/50000))/8,$
 $(25\pi \cos((8\pi)/25) \cos((92\pi)/3125))/8,$
 $(25\pi \cos((127\pi)/400) \cos((1473\pi)/50000))/8,$
 $(25\pi \cos((63\pi)/200) \cos((737\pi)/25000))/8,$
 $(25\pi \cos((5\pi)/16) \cos((59\pi)/2000))/8,$
 $(25\pi \cos((31\pi)/100) \cos((369\pi)/12500))/8,$
 $(25\pi \cos((123\pi)/400) \cos((1477\pi)/50000))/8,$
 $(25\pi \cos((61\pi)/200) \cos((739\pi)/25000))/8,$
 $(25\pi \cos((121\pi)/400) \cos((1479\pi)/50000))/8, (25 \cdot 2^{(1/2)} \pi \cos((37\pi)/1250) \cdot (5 - 5^{(1/2)})^{(1/2)})/32,$
 $(25\pi \cos((119\pi)/400) \cos((1481\pi)/50000))/8,$
 $(25\pi \cos((59\pi)/200) \cos((741\pi)/25000))/8,$
 $(25\pi \cos((117\pi)/400) \cos((1483\pi)/50000))/8,$
 $(25\pi \cos((29\pi)/100) \cos((371\pi)/12500))/8,$
 $(25\pi \cos((23\pi)/80) \cos((297\pi)/10000))/8,$
 $(25\pi \cos((57\pi)/200) \cos((743\pi)/25000))/8,$
 $(25\pi \cos((113\pi)/400) \cos((1487\pi)/50000))/8,$
 $(25\pi \cos((7\pi)/25) \cos((93\pi)/3125))/8,$
 $(25\pi \cos((111\pi)/400) \cos((1489\pi)/50000))/8,$
 $(25\pi \cos((11\pi)/40) \cos((149\pi)/5000))/8,$
 $(25\pi \cos((109\pi)/400) \cos((1491\pi)/50000))/8,$
 $(25\pi \cos((27\pi)/100) \cos((373\pi)/12500))/8,$
 $(25\pi \cos((107\pi)/400) \cos((1493\pi)/50000))/8,$
 $(25\pi \cos((53\pi)/200) \cos((747\pi)/25000))/8,$
 $(25\pi \cos((21\pi)/80) \cos((299\pi)/10000))/8,$
 $(25\pi \cos((13\pi)/50) \cos((187\pi)/6250))/8,$
 $(25\pi \cos((103\pi)/400) \cos((1497\pi)/50000))/8,$
 $(25\pi \cos((51\pi)/200) \cos((749\pi)/25000))/8,$
 $(25\pi \cos((101\pi)/400) \cos((1499\pi)/50000))/8, (25 \cdot 2^{(1/2)} \pi \cos((3\pi)/100))/16,$
 $(25\pi \cos((99\pi)/400) \cos((1501\pi)/50000))/8,$
 $(25\pi \cos((49\pi)/200) \cos((751\pi)/25000))/8,$
 $(25\pi \cos((97\pi)/400) \cos((1503\pi)/50000))/8,$
 $(25\pi \cos((6\pi)/25) \cos((94\pi)/3125))/8,$

$(25\pi \cos((19\pi)/80) \cos((301\pi)/10000))/8,$
 $(25\pi \cos((47\pi)/200) \cos((753\pi)/25000))/8,$
 $(25\pi \cos((93\pi)/400) \cos((1507\pi)/50000))/8,$
 $(25\pi \cos((23\pi)/100) \cos((377\pi)/12500))/8,$
 $(25\pi \cos((91\pi)/400) \cos((1509\pi)/50000))/8,$
 $(25\pi \cos((9\pi)/40) \cos((151\pi)/5000))/8,$
 $(25\pi \cos((89\pi)/400) \cos((1511\pi)/50000))/8,$
 $(25\pi \cos((11\pi)/50) \cos((189\pi)/6250))/8,$
 $(25\pi \cos((87\pi)/400) \cos((1513\pi)/50000))/8,$
 $(25\pi \cos((43\pi)/200) \cos((757\pi)/25000))/8,$
 $(25\pi \cos((17\pi)/80) \cos((303\pi)/10000))/8,$
 $(25\pi \cos((21\pi)/100) \cos((379\pi)/12500))/8,$
 $(25\pi \cos((83\pi)/400) \cos((1517\pi)/50000))/8,$
 $(25\pi \cos((41\pi)/200) \cos((759\pi)/25000))/8,$
 $(25\pi \cos((81\pi)/400) \cos((1519\pi)/50000))/8, (25\pi \cos((19\pi)/625) * (5^{(1/2)}/4 + 1/4))/8,$
 $(25\pi \cos((79\pi)/400) \cos((1521\pi)/50000))/8,$
 $(25\pi \cos((39\pi)/200) \cos((761\pi)/25000))/8,$
 $(25\pi \cos((77\pi)/400) \cos((1523\pi)/50000))/8,$
 $(25\pi \cos((19\pi)/100) \cos((381\pi)/12500))/8,$
 $(25\pi \cos((3\pi)/16) \cos((61\pi)/2000))/8,$
 $(25\pi \cos((37\pi)/200) \cos((763\pi)/25000))/8,$
 $(25\pi \cos((73\pi)/400) \cos((1527\pi)/50000))/8,$
 $(25\pi \cos((9\pi)/50) \cos((191\pi)/6250))/8,$
 $(25\pi \cos((71\pi)/400) \cos((1529\pi)/50000))/8,$
 $(25\pi \cos((7\pi)/40) \cos((153\pi)/5000))/8,$
 $(25\pi \cos((69\pi)/400) \cos((1531\pi)/50000))/8,$
 $(25\pi \cos((17\pi)/100) \cos((383\pi)/12500))/8,$
 $(25\pi \cos((67\pi)/400) \cos((1533\pi)/50000))/8,$
 $(25\pi \cos((33\pi)/200) \cos((767\pi)/25000))/8,$
 $(25\pi \cos((13\pi)/80) \cos((307\pi)/10000))/8,$
 $(25\pi \cos((4\pi)/25) \cos((96\pi)/3125))/8,$
 $(25\pi \cos((63\pi)/400) \cos((1537\pi)/50000))/8,$
 $(25\pi \cos((31\pi)/200) \cos((769\pi)/25000))/8,$
 $(25\pi \cos((61\pi)/400) \cos((1539\pi)/50000))/8,$
 $(25\pi \cos((3\pi)/20) \cos((77\pi)/2500))/8,$
 $(25\pi \cos((59\pi)/400) \cos((1541\pi)/50000))/8,$
 $(25\pi \cos((29\pi)/200) \cos((771\pi)/25000))/8,$
 $(25\pi \cos((57\pi)/400) \cos((1543\pi)/50000))/8,$
 $(25\pi \cos((7\pi)/50) \cos((193\pi)/6250))/8,$
 $(25\pi \cos((11\pi)/80) \cos((309\pi)/10000))/8,$
 $(25\pi \cos((27\pi)/200) \cos((773\pi)/25000))/8,$
 $(25\pi \cos((53\pi)/400) \cos((1547\pi)/50000))/8,$
 $(25\pi \cos((13\pi)/100) \cos((387\pi)/12500))/8,$
 $(25\pi \cos((51\pi)/400) \cos((1549\pi)/50000))/8, (25\pi \cos((31\pi)/1000) * (2^{(1/2)} + 2^{(1/2)}))/16,$
 $(25\pi \cos((49\pi)/400) \cos((1551\pi)/50000))/8,$
 $(25\pi \cos((3\pi)/25) \cos((97\pi)/3125))/8,$
 $(25\pi \cos((47\pi)/400) \cos((1553\pi)/50000))/8,$
 $(25\pi \cos((23\pi)/200) \cos((777\pi)/25000))/8,$
 $(25\pi \cos((9\pi)/80) \cos((311\pi)/10000))/8,$
 $(25\pi \cos((11\pi)/100) \cos((389\pi)/12500))/8,$
 $(25\pi \cos((43\pi)/400) \cos((1557\pi)/50000))/8,$
 $(25\pi \cos((21\pi)/200) \cos((779\pi)/25000))/8,$
 $(25\pi \cos((41\pi)/400) \cos((1559\pi)/50000))/8,$
 $(25 * 2^{(1/2)} * \pi \cos((39\pi)/1250) * (5^{(1/2)} + 5^{(1/2)}))/32,$
 $(25\pi \cos((39\pi)/400) \cos((1561\pi)/50000))/8,$

(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,

$(25\pi \cos((3\pi)/50) \cos((203\pi)/6250))/8,$ $(25\pi \cos(\pi/16) \cos((13\pi)/400))/8,$
 $(25\pi \cos((13\pi)/200) \cos((813\pi)/25000))/8,$
 $(25\pi \cos((27\pi)/400) \cos((1627\pi)/50000))/8,$
 $(25\pi \cos((7\pi)/100) \cos((407\pi)/12500))/8,$
 $(25\pi \cos((29\pi)/400) \cos((1629\pi)/50000))/8,$
 $(25\pi \cos((3\pi)/40) \cos((163\pi)/5000))/8,$
 $(25\pi \cos((31\pi)/400) \cos((1631\pi)/50000))/8,$
 $(25\pi \cos((2\pi)/25) \cos((102\pi)/3125))/8,$
 $(25\pi \cos((33\pi)/400) \cos((1633\pi)/50000))/8,$
 $(25\pi \cos((17\pi)/200) \cos((817\pi)/25000))/8,$
 $(25\pi \cos((7\pi)/80) \cos((327\pi)/10000))/8,$
 $(25\pi \cos((9\pi)/100) \cos((409\pi)/12500))/8,$
 $(25\pi \cos((37\pi)/400) \cos((1637\pi)/50000))/8,$
 $(25\pi \cos((19\pi)/200) \cos((819\pi)/25000))/8,$
 $(25\pi \cos((39\pi)/400) \cos((1639\pi)/50000))/8,$
 $(25 \cdot 2^{(1/2)} \pi \cos((41\pi)/1250) \cdot (5^{(1/2)} + 5^{(1/2)}))/32,$
 $(25\pi \cos((41\pi)/400) \cos((1641\pi)/50000))/8,$
 $(25\pi \cos((21\pi)/200) \cos((821\pi)/25000))/8,$
 $(25\pi \cos((43\pi)/400) \cos((1643\pi)/50000))/8,$
 $(25\pi \cos((11\pi)/100) \cos((411\pi)/12500))/8,$
 $(25\pi \cos((9\pi)/80) \cos((329\pi)/10000))/8,$
 $(25\pi \cos((23\pi)/200) \cos((823\pi)/25000))/8,$
 $(25\pi \cos((47\pi)/400) \cos((1647\pi)/50000))/8,$
 $(25\pi \cos((3\pi)/25) \cos((103\pi)/3125))/8,$
 $(25\pi \cos((49\pi)/400) \cos((1649\pi)/50000))/8,$ $(25\pi \cos((33\pi)/1000) \cdot (2^{(1/2)} + 2^{(1/2)}))/16,$ $(25\pi \cos((51\pi)/400) \cos((1651\pi)/50000))/8,$
 $(25\pi \cos((13\pi)/100) \cos((413\pi)/12500))/8,$
 $(25\pi \cos((53\pi)/400) \cos((1653\pi)/50000))/8,$
 $(25\pi \cos((27\pi)/200) \cos((827\pi)/25000))/8,$
 $(25\pi \cos((11\pi)/80) \cos((331\pi)/10000))/8,$
 $(25\pi \cos((7\pi)/50) \cos((207\pi)/6250))/8,$
 $(25\pi \cos((57\pi)/400) \cos((1657\pi)/50000))/8,$
 $(25\pi \cos((29\pi)/200) \cos((829\pi)/25000))/8,$
 $(25\pi \cos((59\pi)/400) \cos((1659\pi)/50000))/8,$
 $(25\pi \cos((3\pi)/20) \cos((83\pi)/2500))/8,$
 $(25\pi \cos((61\pi)/400) \cos((1661\pi)/50000))/8,$
 $(25\pi \cos((31\pi)/200) \cos((831\pi)/25000))/8,$
 $(25\pi \cos((63\pi)/400) \cos((1663\pi)/50000))/8,$
 $(25\pi \cos((4\pi)/25) \cos((104\pi)/3125))/8,$
 $(25\pi \cos((13\pi)/80) \cos((333\pi)/10000))/8,$
 $(25\pi \cos((33\pi)/200) \cos((833\pi)/25000))/8,$
 $(25\pi \cos((67\pi)/400) \cos((1667\pi)/50000))/8,$
 $(25\pi \cos((17\pi)/100) \cos((417\pi)/12500))/8,$
 $(25\pi \cos((69\pi)/400) \cos((1669\pi)/50000))/8,$
 $(25\pi \cos((7\pi)/40) \cos((167\pi)/5000))/8,$
 $(25\pi \cos((71\pi)/400) \cos((1671\pi)/50000))/8,$
 $(25\pi \cos((9\pi)/50) \cos((209\pi)/6250))/8,$
 $(25\pi \cos((73\pi)/400) \cos((1673\pi)/50000))/8,$
 $(25\pi \cos((37\pi)/200) \cos((837\pi)/25000))/8,$
 $(25\pi \cos((3\pi)/16) \cos((67\pi)/2000))/8,$
 $(25\pi \cos((19\pi)/100) \cos((419\pi)/12500))/8,$
 $(25\pi \cos((77\pi)/400) \cos((1677\pi)/50000))/8,$
 $(25\pi \cos((39\pi)/200) \cos((839\pi)/25000))/8,$
 $(25\pi \cos((79\pi)/400) \cos((1679\pi)/50000))/8,$ $(25\pi \cos((21\pi)/625) \cdot (5^{(1/2)}/4 + 1/4))/8,$ $(25\pi \cos((81\pi)/400) \cos((1681\pi)/50000))/8,$

$(25\pi \cos((41\pi)/200) \cos((841\pi)/25000))/8,$
 $(25\pi \cos((83\pi)/400) \cos((1683\pi)/50000))/8,$
 $(25\pi \cos((21\pi)/100) \cos((421\pi)/12500))/8,$
 $(25\pi \cos((17\pi)/80) \cos((337\pi)/10000))/8,$
 $(25\pi \cos((43\pi)/200) \cos((843\pi)/25000))/8,$
 $(25\pi \cos((87\pi)/400) \cos((1687\pi)/50000))/8,$
 $(25\pi \cos((11\pi)/50) \cos((211\pi)/6250))/8,$
 $(25\pi \cos((89\pi)/400) \cos((1689\pi)/50000))/8,$
 $(25\pi \cos((9\pi)/40) \cos((169\pi)/5000))/8,$
 $(25\pi \cos((91\pi)/400) \cos((1691\pi)/50000))/8,$
 $(25\pi \cos((23\pi)/100) \cos((423\pi)/12500))/8,$
 $(25\pi \cos((93\pi)/400) \cos((1693\pi)/50000))/8,$
 $(25\pi \cos((47\pi)/200) \cos((847\pi)/25000))/8,$
 $(25\pi \cos((19\pi)/80) \cos((339\pi)/10000))/8,$
 $(25\pi \cos((6\pi)/25) \cos((106\pi)/3125))/8,$
 $(25\pi \cos((97\pi)/400) \cos((1697\pi)/50000))/8,$
 $(25\pi \cos((49\pi)/200) \cos((849\pi)/25000))/8,$
 $(25\pi \cos((99\pi)/400) \cos((1699\pi)/50000))/8, (25 \cdot 2^{(1/2)} \pi \cos((17\pi)/500))/16,$
 $(25\pi \cos((101\pi)/400) \cos((1701\pi)/50000))/8,$
 $(25\pi \cos((51\pi)/200) \cos((851\pi)/25000))/8,$
 $(25\pi \cos((103\pi)/400) \cos((1703\pi)/50000))/8,$
 $(25\pi \cos((13\pi)/50) \cos((213\pi)/6250))/8,$
 $(25\pi \cos((21\pi)/80) \cos((341\pi)/10000))/8,$
 $(25\pi \cos((53\pi)/200) \cos((853\pi)/25000))/8,$
 $(25\pi \cos((107\pi)/400) \cos((1707\pi)/50000))/8,$
 $(25\pi \cos((27\pi)/100) \cos((427\pi)/12500))/8,$
 $(25\pi \cos((109\pi)/400) \cos((1709\pi)/50000))/8,$
 $(25\pi \cos((11\pi)/40) \cos((171\pi)/5000))/8,$
 $(25\pi \cos((111\pi)/400) \cos((1711\pi)/50000))/8,$
 $(25\pi \cos((7\pi)/25) \cos((107\pi)/3125))/8,$
 $(25\pi \cos((113\pi)/400) \cos((1713\pi)/50000))/8,$
 $(25\pi \cos((57\pi)/200) \cos((857\pi)/25000))/8,$
 $(25\pi \cos((23\pi)/80) \cos((343\pi)/10000))/8,$
 $(25\pi \cos((29\pi)/100) \cos((429\pi)/12500))/8,$
 $(25\pi \cos((117\pi)/400) \cos((1717\pi)/50000))/8,$
 $(25\pi \cos((59\pi)/200) \cos((859\pi)/25000))/8,$
 $(25\pi \cos((119\pi)/400) \cos((1719\pi)/50000))/8, (25 \cdot 2^{(1/2)} \pi \cos((43\pi)/1250) \cdot (5 - 5^{(1/2)})^{(1/2)})/32, (25\pi \cos((121\pi)/400) \cos((1721\pi)/50000))/8,$
 $(25\pi \cos((61\pi)/200) \cos((861\pi)/25000))/8,$
 $(25\pi \cos((123\pi)/400) \cos((1723\pi)/50000))/8,$
 $(25\pi \cos((31\pi)/100) \cos((431\pi)/12500))/8,$
 $(25\pi \cos((5\pi)/16) \cos((69\pi)/2000))/8,$
 $(25\pi \cos((63\pi)/200) \cos((863\pi)/25000))/8,$
 $(25\pi \cos((127\pi)/400) \cos((1727\pi)/50000))/8,$
 $(25\pi \cos((8\pi)/25) \cos((108\pi)/3125))/8,$
 $(25\pi \cos((129\pi)/400) \cos((1729\pi)/50000))/8,$
 $(25\pi \cos((13\pi)/40) \cos((173\pi)/5000))/8,$
 $(25\pi \cos((131\pi)/400) \cos((1731\pi)/50000))/8,$
 $(25\pi \cos((33\pi)/100) \cos((433\pi)/12500))/8,$
 $(25\pi \cos((133\pi)/400) \cos((1733\pi)/50000))/8,$
 $(25\pi \cos((67\pi)/200) \cos((867\pi)/25000))/8,$
 $(25\pi \cos((27\pi)/80) \cos((347\pi)/10000))/8,$
 $(25\pi \cos((17\pi)/50) \cos((217\pi)/6250))/8,$
 $(25\pi \cos((137\pi)/400) \cos((1737\pi)/50000))/8,$
 $(25\pi \cos((69\pi)/200) \cos((869\pi)/25000))/8,$

$(25\pi \cos((139\pi)/400) \cos((1739\pi)/50000))/8,$
 $(25\pi \cos((7\pi)/20) \cos((87\pi)/2500))/8,$
 $(25\pi \cos((141\pi)/400) \cos((1741\pi)/50000))/8,$
 $(25\pi \cos((71\pi)/200) \cos((871\pi)/25000))/8,$
 $(25\pi \cos((143\pi)/400) \cos((1743\pi)/50000))/8,$
 $(25\pi \cos((9\pi)/25) \cos((109\pi)/3125))/8,$
 $(25\pi \cos((29\pi)/80) \cos((349\pi)/10000))/8,$
 $(25\pi \cos((73\pi)/200) \cos((873\pi)/25000))/8,$
 $(25\pi \cos((147\pi)/400) \cos((1747\pi)/50000))/8,$
 $(25\pi \cos((37\pi)/100) \cos((437\pi)/12500))/8,$
 $(25\pi \cos((149\pi)/400) \cos((1749\pi)/50000))/8, (25\pi \cos((7\pi)/200) * (2 - 2^{(1/2)})^{(1/2)})/16,$
 $(25\pi \cos((151\pi)/400) \cos((1751\pi)/50000))/8,$
 $(25\pi \cos((19\pi)/50) \cos((219\pi)/6250))/8,$
 $(25\pi \cos((153\pi)/400) \cos((1753\pi)/50000))/8,$
 $(25\pi \cos((77\pi)/200) \cos((877\pi)/25000))/8,$
 $(25\pi \cos((31\pi)/80) \cos((351\pi)/10000))/8,$
 $(25\pi \cos((39\pi)/100) \cos((439\pi)/12500))/8,$
 $(25\pi \cos((157\pi)/400) \cos((1757\pi)/50000))/8,$
 $(25\pi \cos((79\pi)/200) \cos((879\pi)/25000))/8,$
 $(25\pi \cos((159\pi)/400) \cos((1759\pi)/50000))/8, (25\pi \cos((22\pi)/625) * (5^{(1/2)}/4 - 1/4))/8,$
 $(25\pi \cos((161\pi)/400) \cos((1761\pi)/50000))/8,$
 $(25\pi \cos((81\pi)/200) \cos((881\pi)/25000))/8,$
 $(25\pi \cos((163\pi)/400) \cos((1763\pi)/50000))/8,$
 $(25\pi \cos((41\pi)/100) \cos((441\pi)/12500))/8,$
 $(25\pi \cos((33\pi)/80) \cos((353\pi)/10000))/8,$
 $(25\pi \cos((83\pi)/200) \cos((883\pi)/25000))/8,$
 $(25\pi \cos((167\pi)/400) \cos((1767\pi)/50000))/8,$
 $(25\pi \cos((21\pi)/50) \cos((221\pi)/6250))/8,$
 $(25\pi \cos((169\pi)/400) \cos((1769\pi)/50000))/8,$
 $(25\pi \cos((17\pi)/40) \cos((177\pi)/5000))/8,$
 $(25\pi \cos((171\pi)/400) \cos((1771\pi)/50000))/8,$
 $(25\pi \cos((43\pi)/100) \cos((443\pi)/12500))/8,$
 $(25\pi \cos((173\pi)/400) \cos((1773\pi)/50000))/8,$
 $(25\pi \cos((87\pi)/200) \cos((887\pi)/25000))/8,$
 $(25\pi \cos((7\pi)/16) \cos((71\pi)/2000))/8,$
 $(25\pi \cos((11\pi)/25) \cos((111\pi)/3125))/8,$
 $(25\pi \cos((177\pi)/400) \cos((1777\pi)/50000))/8,$
 $(25\pi \cos((89\pi)/200) \cos((889\pi)/25000))/8,$
 $(25\pi \cos((179\pi)/400) \cos((1779\pi)/50000))/8,$
 $(25\pi \cos((9\pi)/20) \cos((89\pi)/2500))/8,$
 $(25\pi \cos((181\pi)/400) \cos((1781\pi)/50000))/8,$
 $(25\pi \cos((91\pi)/200) \cos((891\pi)/25000))/8,$
 $(25\pi \cos((183\pi)/400) \cos((1783\pi)/50000))/8,$
 $(25\pi \cos((23\pi)/50) \cos((223\pi)/6250))/8,$
 $(25\pi \cos((37\pi)/80) \cos((357\pi)/10000))/8,$
 $(25\pi \cos((93\pi)/200) \cos((893\pi)/25000))/8,$
 $(25\pi \cos((187\pi)/400) \cos((1787\pi)/50000))/8,$
 $(25\pi \cos((47\pi)/100) \cos((447\pi)/12500))/8,$
 $(25\pi \cos((189\pi)/400) \cos((1789\pi)/50000))/8,$
 $(25\pi \cos((19\pi)/40) \cos((179\pi)/5000))/8,$
 $(25\pi \cos((191\pi)/400) \cos((1791\pi)/50000))/8,$
 $(25\pi \cos((12\pi)/25) \cos((112\pi)/3125))/8,$
 $(25\pi \cos((193\pi)/400) \cos((1793\pi)/50000))/8,$
 $(25\pi \cos((97\pi)/200) \cos((897\pi)/25000))/8,$
 $(25\pi \cos((39\pi)/80) \cos((359\pi)/10000))/8,$

$(25\pi \cos((49\pi)/100) \cos((449\pi)/12500))/8,$
 $(25\pi \cos((197\pi)/400) \cos((1797\pi)/50000))/8,$
 $(25\pi \cos((99\pi)/200) \cos((899\pi)/25000))/8,$
 $(25\pi \cos((199\pi)/400) \cos((1799\pi)/50000))/8, 0, -$
 $(25\pi \cos((199\pi)/400) \cos((1801\pi)/50000))/8, -$
 $(25\pi \cos((99\pi)/200) \cos((901\pi)/25000))/8, -$
 $(25\pi \cos((197\pi)/400) \cos((1803\pi)/50000))/8, -$
 $(25\pi \cos((49\pi)/100) \cos((451\pi)/12500))/8, -$
 $(25\pi \cos((39\pi)/80) \cos((361\pi)/10000))/8, -$
 $(25\pi \cos((97\pi)/200) \cos((903\pi)/25000))/8, -$
 $(25\pi \cos((193\pi)/400) \cos((1807\pi)/50000))/8, -$
 $(25\pi \cos((12\pi)/25) \cos((113\pi)/3125))/8, -$
 $(25\pi \cos((191\pi)/400) \cos((1809\pi)/50000))/8, -$
 $(25\pi \cos((19\pi)/40) \cos((181\pi)/5000))/8, -$
 $(25\pi \cos((189\pi)/400) \cos((1811\pi)/50000))/8, -$
 $(25\pi \cos((47\pi)/100) \cos((453\pi)/12500))/8, -$
 $(25\pi \cos((187\pi)/400) \cos((1813\pi)/50000))/8, -$
 $(25\pi \cos((93\pi)/200) \cos((907\pi)/25000))/8, -$
 $(25\pi \cos((37\pi)/80) \cos((363\pi)/10000))/8, -$
 $(25\pi \cos((23\pi)/50) \cos((227\pi)/6250))/8, -$
 $(25\pi \cos((183\pi)/400) \cos((1817\pi)/50000))/8, -$
 $(25\pi \cos((91\pi)/200) \cos((909\pi)/25000))/8, -$
 $(25\pi \cos((181\pi)/400) \cos((1819\pi)/50000))/8, -$
 $(25\pi \cos((9\pi)/20) \cos((91\pi)/2500))/8, -$
 $(25\pi \cos((179\pi)/400) \cos((1821\pi)/50000))/8, -$
 $(25\pi \cos((89\pi)/200) \cos((911\pi)/25000))/8, -$
 $(25\pi \cos((177\pi)/400) \cos((1823\pi)/50000))/8, -$
 $(25\pi \cos((11\pi)/25) \cos((114\pi)/3125))/8, -$
 $(25\pi \cos((7\pi)/16) \cos((73\pi)/2000))/8, -$
 $(25\pi \cos((87\pi)/200) \cos((913\pi)/25000))/8, -$
 $(25\pi \cos((173\pi)/400) \cos((1827\pi)/50000))/8, -$
 $(25\pi \cos((43\pi)/100) \cos((457\pi)/12500))/8, -$
 $(25\pi \cos((171\pi)/400) \cos((1829\pi)/50000))/8, -$
 $(25\pi \cos((17\pi)/40) \cos((183\pi)/5000))/8, -$
 $(25\pi \cos((169\pi)/400) \cos((1831\pi)/50000))/8, -$
 $(25\pi \cos((21\pi)/50) \cos((229\pi)/6250))/8, -$
 $(25\pi \cos((167\pi)/400) \cos((1833\pi)/50000))/8, -$
 $(25\pi \cos((83\pi)/200) \cos((917\pi)/25000))/8, -$
 $(25\pi \cos((33\pi)/80) \cos((367\pi)/10000))/8, -$
 $(25\pi \cos((41\pi)/100) \cos((459\pi)/12500))/8, -$
 $(25\pi \cos((163\pi)/400) \cos((1837\pi)/50000))/8, -$
 $(25\pi \cos((81\pi)/200) \cos((919\pi)/25000))/8, -$
 $(25\pi \cos((161\pi)/400) \cos((1839\pi)/50000))/8, - (25\pi \cos((23\pi)/625) * (5^{(1/2)}/4 -$
 $1/4))/8, - (25\pi \cos((159\pi)/400) \cos((1841\pi)/50000))/8, -$
 $(25\pi \cos((79\pi)/200) \cos((921\pi)/25000))/8, -$
 $(25\pi \cos((157\pi)/400) \cos((1843\pi)/50000))/8, -$
 $(25\pi \cos((39\pi)/100) \cos((461\pi)/12500))/8, -$
 $(25\pi \cos((31\pi)/80) \cos((369\pi)/10000))/8, -$
 $(25\pi \cos((77\pi)/200) \cos((923\pi)/25000))/8, -$
 $(25\pi \cos((153\pi)/400) \cos((1847\pi)/50000))/8, -$
 $(25\pi \cos((19\pi)/50) \cos((231\pi)/6250))/8, -$
 $(25\pi \cos((151\pi)/400) \cos((1849\pi)/50000))/8, - (25\pi \cos((37\pi)/1000) * (2 -$
 $2^{(1/2)})^{(1/2)})/16, - (25\pi \cos((149\pi)/400) \cos((1851\pi)/50000))/8, -$
 $(25\pi \cos((37\pi)/100) \cos((463\pi)/12500))/8, -$
 $(25\pi \cos((147\pi)/400) \cos((1853\pi)/50000))/8, -$

$(25\pi \cos((73\pi)/200) \cos((927\pi)/25000))/8, -$
 $(25\pi \cos((29\pi)/80) \cos((371\pi)/10000))/8, -$
 $(25\pi \cos((9\pi)/25) \cos((116\pi)/3125))/8, -$
 $(25\pi \cos((143\pi)/400) \cos((1857\pi)/50000))/8, -$
 $(25\pi \cos((71\pi)/200) \cos((929\pi)/25000))/8, -$
 $(25\pi \cos((141\pi)/400) \cos((1859\pi)/50000))/8, -$
 $(25\pi \cos((7\pi)/20) \cos((93\pi)/2500))/8, -$
 $(25\pi \cos((139\pi)/400) \cos((1861\pi)/50000))/8, -$
 $(25\pi \cos((69\pi)/200) \cos((931\pi)/25000))/8, -$
 $(25\pi \cos((137\pi)/400) \cos((1863\pi)/50000))/8, -$
 $(25\pi \cos((17\pi)/50) \cos((233\pi)/6250))/8, -$
 $(25\pi \cos((27\pi)/80) \cos((373\pi)/10000))/8, -$
 $(25\pi \cos((67\pi)/200) \cos((933\pi)/25000))/8, -$
 $(25\pi \cos((133\pi)/400) \cos((1867\pi)/50000))/8, -$
 $(25\pi \cos((33\pi)/100) \cos((467\pi)/12500))/8, -$
 $(25\pi \cos((131\pi)/400) \cos((1869\pi)/50000))/8, -$
 $(25\pi \cos((13\pi)/40) \cos((187\pi)/5000))/8, -$
 $(25\pi \cos((129\pi)/400) \cos((1871\pi)/50000))/8, -$
 $(25\pi \cos((8\pi)/25) \cos((117\pi)/3125))/8, -$
 $(25\pi \cos((127\pi)/400) \cos((1873\pi)/50000))/8, -$
 $(25\pi \cos((63\pi)/200) \cos((937\pi)/25000))/8, -$
 $(25\pi \cos((5\pi)/16) \cos((3\pi)/80))/8, -$
 $(25\pi \cos((31\pi)/100) \cos((469\pi)/12500))/8, -$
 $(25\pi \cos((123\pi)/400) \cos((1877\pi)/50000))/8, -$
 $(25\pi \cos((61\pi)/200) \cos((939\pi)/25000))/8, -$
 $(25\pi \cos((121\pi)/400) \cos((1879\pi)/50000))/8, - (25 \cdot 2^{(1/2)} \pi \cos((47\pi)/1250) \cdot (5$
 $- 5^{(1/2)})^{(1/2)})/32, - (25\pi \cos((119\pi)/400) \cos((1881\pi)/50000))/8, -$
 $(25\pi \cos((59\pi)/200) \cos((941\pi)/25000))/8, -$
 $(25\pi \cos((117\pi)/400) \cos((1883\pi)/50000))/8, -$
 $(25\pi \cos((29\pi)/100) \cos((471\pi)/12500))/8, -$
 $(25\pi \cos((23\pi)/80) \cos((377\pi)/10000))/8, -$
 $(25\pi \cos((57\pi)/200) \cos((943\pi)/25000))/8, -$
 $(25\pi \cos((113\pi)/400) \cos((1887\pi)/50000))/8, -$
 $(25\pi \cos((7\pi)/25) \cos((118\pi)/3125))/8, -$
 $(25\pi \cos((111\pi)/400) \cos((1889\pi)/50000))/8, -$
 $(25\pi \cos((11\pi)/40) \cos((189\pi)/5000))/8, -$
 $(25\pi \cos((109\pi)/400) \cos((1891\pi)/50000))/8, -$
 $(25\pi \cos((27\pi)/100) \cos((473\pi)/12500))/8, -$
 $(25\pi \cos((107\pi)/400) \cos((1893\pi)/50000))/8, -$
 $(25\pi \cos((53\pi)/200) \cos((947\pi)/25000))/8, -$
 $(25\pi \cos((21\pi)/80) \cos((379\pi)/10000))/8, -$
 $(25\pi \cos((13\pi)/50) \cos((237\pi)/6250))/8, -$
 $(25\pi \cos((103\pi)/400) \cos((1897\pi)/50000))/8, -$
 $(25\pi \cos((51\pi)/200) \cos((949\pi)/25000))/8, -$
 $(25\pi \cos((101\pi)/400) \cos((1899\pi)/50000))/8, - (25 \cdot 2^{(1/2)} \pi \cos((19\pi)/500))/16,$
 $- (25\pi \cos((99\pi)/400) \cos((1901\pi)/50000))/8, -$
 $(25\pi \cos((49\pi)/200) \cos((951\pi)/25000))/8, -$
 $(25\pi \cos((97\pi)/400) \cos((1903\pi)/50000))/8, -$
 $(25\pi \cos((6\pi)/25) \cos((119\pi)/3125))/8, -$
 $(25\pi \cos((19\pi)/80) \cos((381\pi)/10000))/8, -$
 $(25\pi \cos((47\pi)/200) \cos((953\pi)/25000))/8, -$
 $(25\pi \cos((93\pi)/400) \cos((1907\pi)/50000))/8, -$
 $(25\pi \cos((23\pi)/100) \cos((477\pi)/12500))/8, -$
 $(25\pi \cos((91\pi)/400) \cos((1909\pi)/50000))/8, -$
 $(25\pi \cos((9\pi)/40) \cos((191\pi)/5000))/8, -$

$(25\pi \cos((89\pi)/400) \cos((1911\pi)/50000))/8, -$
 $(25\pi \cos((11\pi)/50) \cos((239\pi)/6250))/8, -$
 $(25\pi \cos((87\pi)/400) \cos((1913\pi)/50000))/8, -$
 $(25\pi \cos((43\pi)/200) \cos((957\pi)/25000))/8, -$
 $(25\pi \cos((17\pi)/80) \cos((383\pi)/10000))/8, -$
 $(25\pi \cos((21\pi)/100) \cos((479\pi)/12500))/8, -$
 $(25\pi \cos((83\pi)/400) \cos((1917\pi)/50000))/8, -$
 $(25\pi \cos((41\pi)/200) \cos((959\pi)/25000))/8, -$
 $(25\pi \cos((81\pi)/400) \cos((1919\pi)/50000))/8, - (25\pi \cos((24\pi)/625) * (5^{(1/2)}/4 +$
 $1/4))/8, - (25\pi \cos((79\pi)/400) \cos((1921\pi)/50000))/8, -$
 $(25\pi \cos((39\pi)/200) \cos((961\pi)/25000))/8, -$
 $(25\pi \cos((77\pi)/400) \cos((1923\pi)/50000))/8, -$
 $(25\pi \cos((19\pi)/100) \cos((481\pi)/12500))/8, -$
 $(25\pi \cos((3\pi)/16) \cos((77\pi)/2000))/8, -$
 $(25\pi \cos((37\pi)/200) \cos((963\pi)/25000))/8, -$
 $(25\pi \cos((73\pi)/400) \cos((1927\pi)/50000))/8, -$
 $(25\pi \cos((9\pi)/50) \cos((241\pi)/6250))/8, -$
 $(25\pi \cos((71\pi)/400) \cos((1929\pi)/50000))/8, -$
 $(25\pi \cos((7\pi)/40) \cos((193\pi)/5000))/8, -$
 $(25\pi \cos((69\pi)/400) \cos((1931\pi)/50000))/8, -$
 $(25\pi \cos((17\pi)/100) \cos((483\pi)/12500))/8, -$
 $(25\pi \cos((67\pi)/400) \cos((1933\pi)/50000))/8, -$
 $(25\pi \cos((33\pi)/200) \cos((967\pi)/25000))/8, -$
 $(25\pi \cos((13\pi)/80) \cos((387\pi)/10000))/8, -$
 $(25\pi \cos((4\pi)/25) \cos((121\pi)/3125))/8, -$
 $(25\pi \cos((63\pi)/400) \cos((1937\pi)/50000))/8, -$
 $(25\pi \cos((31\pi)/200) \cos((969\pi)/25000))/8, -$
 $(25\pi \cos((61\pi)/400) \cos((1939\pi)/50000))/8, -$
 $(25\pi \cos((3\pi)/20) \cos((97\pi)/2500))/8, -$
 $(25\pi \cos((59\pi)/400) \cos((1941\pi)/50000))/8, -$
 $(25\pi \cos((29\pi)/200) \cos((971\pi)/25000))/8, -$
 $(25\pi \cos((57\pi)/400) \cos((1943\pi)/50000))/8, -$
 $(25\pi \cos((7\pi)/50) \cos((243\pi)/6250))/8, -$
 $(25\pi \cos((11\pi)/80) \cos((389\pi)/10000))/8, -$
 $(25\pi \cos((27\pi)/200) \cos((973\pi)/25000))/8, -$
 $(25\pi \cos((53\pi)/400) \cos((1947\pi)/50000))/8, -$
 $(25\pi \cos((13\pi)/100) \cos((487\pi)/12500))/8, -$
 $(25\pi \cos((51\pi)/400) \cos((1949\pi)/50000))/8, - (25\pi \cos((39\pi)/1000) * (2^{(1/2)} +$
 $2)^{(1/2)})/16, - (25\pi \cos((49\pi)/400) \cos((1951\pi)/50000))/8, -$
 $(25\pi \cos((3\pi)/25) \cos((122\pi)/3125))/8, -$
 $(25\pi \cos((47\pi)/400) \cos((1953\pi)/50000))/8, -$
 $(25\pi \cos((23\pi)/200) \cos((977\pi)/25000))/8, -$
 $(25\pi \cos((9\pi)/80) \cos((391\pi)/10000))/8, -$
 $(25\pi \cos((11\pi)/100) \cos((489\pi)/12500))/8, -$
 $(25\pi \cos((43\pi)/400) \cos((1957\pi)/50000))/8, -$
 $(25\pi \cos((21\pi)/200) \cos((979\pi)/25000))/8, -$
 $(25\pi \cos((41\pi)/400) \cos((1959\pi)/50000))/8, -$
 $(25 * 2^{(1/2)} * \pi \cos((49\pi)/1250) * (5^{(1/2)} + 5)^{(1/2)})/32, -$
 $(25\pi \cos((39\pi)/400) \cos((1961\pi)/50000))/8, -$
 $(25\pi \cos((19\pi)/200) \cos((981\pi)/25000))/8, -$
 $(25\pi \cos((37\pi)/400) \cos((1963\pi)/50000))/8, -$
 $(25\pi \cos((9\pi)/100) \cos((491\pi)/12500))/8, -$
 $(25\pi \cos((7\pi)/80) \cos((393\pi)/10000))/8, -$
 $(25\pi \cos((17\pi)/200) \cos((983\pi)/25000))/8, -$
 $(25\pi \cos((33\pi)/400) \cos((1967\pi)/50000))/8, -$

$(25\pi \cos((2\pi)/25) \cos((123\pi)/3125))/8, -$
 $(25\pi \cos((31\pi)/400) \cos((1969\pi)/50000))/8, -$
 $(25\pi \cos((3\pi)/40) \cos((197\pi)/5000))/8, -$
 $(25\pi \cos((29\pi)/400) \cos((1971\pi)/50000))/8, -$
 $(25\pi \cos((7\pi)/100) \cos((493\pi)/12500))/8, -$
 $(25\pi \cos((27\pi)/400) \cos((1973\pi)/50000))/8, -$
 $(25\pi \cos((13\pi)/200) \cos((987\pi)/25000))/8, -$
 $(25\pi \cos(\pi/16) \cos((79\pi)/2000))/8, - (25\pi \cos((3\pi)/50) \cos((247\pi)/6250))/8, -$
 $(25\pi \cos((23\pi)/400) \cos((1977\pi)/50000))/8, -$
 $(25\pi \cos((11\pi)/200) \cos((989\pi)/25000))/8, -$
 $(25\pi \cos((21\pi)/400) \cos((1979\pi)/50000))/8, -$
 $(25\pi \cos(\pi/20) \cos((99\pi)/2500))/8, -$
 $(25\pi \cos((19\pi)/400) \cos((1981\pi)/50000))/8, -$
 $(25\pi \cos((9\pi)/200) \cos((991\pi)/25000))/8, -$
 $(25\pi \cos((17\pi)/400) \cos((1983\pi)/50000))/8, -$
 $(25\pi \cos(\pi/25) \cos((124\pi)/3125))/8, - (25\pi \cos((3\pi)/80) \cos((397\pi)/10000))/8, -$
 $(25\pi \cos((7\pi)/200) \cos((993\pi)/25000))/8, -$
 $(25\pi \cos((13\pi)/400) \cos((1987\pi)/50000))/8, -$
 $(25\pi \cos((3\pi)/100) \cos((497\pi)/12500))/8, -$
 $(25\pi \cos((11\pi)/400) \cos((1989\pi)/50000))/8, -$
 $(25\pi \cos(\pi/40) \cos((199\pi)/5000))/8, -$
 $(25\pi \cos((9\pi)/400) \cos((1991\pi)/50000))/8, -$
 $(25\pi \cos(\pi/50) \cos((249\pi)/6250))/8, -$
 $(25\pi \cos((7\pi)/400) \cos((1993\pi)/50000))/8, -$
 $(25\pi \cos((3\pi)/200) \cos((997\pi)/25000))/8, -$
 $(25\pi \cos(\pi/80) \cos((399\pi)/10000))/8, - (25\pi \cos(\pi/100) \cos((499\pi)/12500))/8, -$
 $(25\pi \cos((3\pi)/400) \cos((1997\pi)/50000))/8, -$
 $(25\pi \cos(\pi/200) \cos((999\pi)/25000))/8, - (25\pi \cos(\pi/400) \cos((1999\pi)/50000))/8, -$
 $(25\pi \cos(\pi/25))/8, - (25\pi \cos(\pi/400) \cos((2001\pi)/50000))/8, -$
 $(25\pi \cos(\pi/200) \cos((1001\pi)/25000))/8, -$
 $(25\pi \cos((3\pi)/400) \cos((2003\pi)/50000))/8, -$
 $(25\pi \cos(\pi/100) \cos((501\pi)/12500))/8, - (25\pi \cos(\pi/80) \cos((401\pi)/10000))/8, -$
 $(25\pi \cos((3\pi)/200) \cos((1003\pi)/25000))/8, -$
 $(25\pi \cos((7\pi)/400) \cos((2007\pi)/50000))/8, -$
 $(25\pi \cos(\pi/50) \cos((251\pi)/6250))/8, -$
 $(25\pi \cos((9\pi)/400) \cos((2009\pi)/50000))/8, -$
 $(25\pi \cos(\pi/40) \cos((201\pi)/5000))/8, -$
 $(25\pi \cos((11\pi)/400) \cos((2011\pi)/50000))/8, -$
 $(25\pi \cos((3\pi)/100) \cos((503\pi)/12500))/8, -$
 $(25\pi \cos((13\pi)/400) \cos((2013\pi)/50000))/8, -$
 $(25\pi \cos((7\pi)/200) \cos((1007\pi)/25000))/8, -$
 $(25\pi \cos((3\pi)/80) \cos((403\pi)/10000))/8, - (25\pi \cos(\pi/25) \cos((126\pi)/3125))/8, -$
 $(25\pi \cos((17\pi)/400) \cos((2017\pi)/50000))/8, -$
 $(25\pi \cos((9\pi)/200) \cos((1009\pi)/25000))/8, -$
 $(25\pi \cos((19\pi)/400) \cos((2019\pi)/50000))/8, -$
 $(25\pi \cos(\pi/20) \cos((101\pi)/2500))/8, -$
 $(25\pi \cos((21\pi)/400) \cos((2021\pi)/50000))/8, -$
 $(25\pi \cos((11\pi)/200) \cos((1011\pi)/25000))/8, -$
 $(25\pi \cos((23\pi)/400) \cos((2023\pi)/50000))/8, -$
 $(25\pi \cos((3\pi)/50) \cos((253\pi)/6250))/8, - (25\pi \cos(\pi/16) \cos((81\pi)/2000))/8, -$
 $(25\pi \cos((13\pi)/200) \cos((1013\pi)/25000))/8, -$
 $(25\pi \cos((27\pi)/400) \cos((2027\pi)/50000))/8, -$
 $(25\pi \cos((7\pi)/100) \cos((507\pi)/12500))/8, -$
 $(25\pi \cos((29\pi)/400) \cos((2029\pi)/50000))/8, -$
 $(25\pi \cos((3\pi)/40) \cos((203\pi)/5000))/8, -$

$(25\pi \cos((31\pi)/400) \cos((2031\pi)/50000))/8, -$
 $(25\pi \cos((2\pi)/25) \cos((127\pi)/3125))/8, -$
 $(25\pi \cos((33\pi)/400) \cos((2033\pi)/50000))/8, -$
 $(25\pi \cos((17\pi)/200) \cos((1017\pi)/25000))/8, -$
 $(25\pi \cos((7\pi)/80) \cos((407\pi)/10000))/8, -$
 $(25\pi \cos((9\pi)/100) \cos((509\pi)/12500))/8, -$
 $(25\pi \cos((37\pi)/400) \cos((2037\pi)/50000))/8, -$
 $(25\pi \cos((19\pi)/200) \cos((1019\pi)/25000))/8, -$
 $(25\pi \cos((39\pi)/400) \cos((2039\pi)/50000))/8, -$
 $(25 \cdot 2^{(1/2)} \pi \cos((51\pi)/1250) \cdot (5^{(1/2)} + 5^{(1/2)}))/32, -$
 $(25\pi \cos((41\pi)/400) \cos((2041\pi)/50000))/8, -$
 $(25\pi \cos((21\pi)/200) \cos((1021\pi)/25000))/8, -$
 $(25\pi \cos((43\pi)/400) \cos((2043\pi)/50000))/8, -$
 $(25\pi \cos((11\pi)/100) \cos((511\pi)/12500))/8, -$
 $(25\pi \cos((9\pi)/80) \cos((409\pi)/10000))/8, -$
 $(25\pi \cos((23\pi)/200) \cos((1023\pi)/25000))/8, -$
 $(25\pi \cos((47\pi)/400) \cos((2047\pi)/50000))/8, -$
 $(25\pi \cos((3\pi)/25) \cos((128\pi)/3125))/8, -$
 $(25\pi \cos((49\pi)/400) \cos((2049\pi)/50000))/8, - (25\pi \cos((41\pi)/1000) \cdot (2^{(1/2)} + 2^{(1/2)}))/16, - (25\pi \cos((51\pi)/400) \cos((2051\pi)/50000))/8, -$
 $(25\pi \cos((13\pi)/100) \cos((513\pi)/12500))/8, -$
 $(25\pi \cos((53\pi)/400) \cos((2053\pi)/50000))/8, -$
 $(25\pi \cos((27\pi)/200) \cos((1027\pi)/25000))/8, -$
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 $(25\pi \cos((7\pi)/50) \cos((257\pi)/6250))/8, -$
 $(25\pi \cos((57\pi)/400) \cos((2057\pi)/50000))/8, -$
 $(25\pi \cos((29\pi)/200) \cos((1029\pi)/25000))/8, -$
 $(25\pi \cos((59\pi)/400) \cos((2059\pi)/50000))/8, -$
 $(25\pi \cos((3\pi)/20) \cos((103\pi)/2500))/8, -$
 $(25\pi \cos((61\pi)/400) \cos((2061\pi)/50000))/8, -$
 $(25\pi \cos((31\pi)/200) \cos((1031\pi)/25000))/8, -$
 $(25\pi \cos((63\pi)/400) \cos((2063\pi)/50000))/8, -$
 $(25\pi \cos((4\pi)/25) \cos((129\pi)/3125))/8, -$
 $(25\pi \cos((13\pi)/80) \cos((413\pi)/10000))/8, -$
 $(25\pi \cos((33\pi)/200) \cos((1033\pi)/25000))/8, -$
 $(25\pi \cos((67\pi)/400) \cos((2067\pi)/50000))/8, -$
 $(25\pi \cos((17\pi)/100) \cos((517\pi)/12500))/8, -$
 $(25\pi \cos((69\pi)/400) \cos((2069\pi)/50000))/8, -$
 $(25\pi \cos((7\pi)/40) \cos((207\pi)/5000))/8, -$
 $(25\pi \cos((71\pi)/400) \cos((2071\pi)/50000))/8, -$
 $(25\pi \cos((9\pi)/50) \cos((259\pi)/6250))/8, -$
 $(25\pi \cos((73\pi)/400) \cos((2073\pi)/50000))/8, -$
 $(25\pi \cos((37\pi)/200) \cos((1037\pi)/25000))/8, -$
 $(25\pi \cos((3\pi)/16) \cos((83\pi)/2000))/8, -$
 $(25\pi \cos((19\pi)/100) \cos((519\pi)/12500))/8, -$
 $(25\pi \cos((77\pi)/400) \cos((2077\pi)/50000))/8, -$
 $(25\pi \cos((39\pi)/200) \cos((1039\pi)/25000))/8, -$
 $(25\pi \cos((79\pi)/400) \cos((2079\pi)/50000))/8, - (25\pi \cos((26\pi)/625) \cdot (5^{(1/2)}/4 + 1/4))/8, - (25\pi \cos((81\pi)/400) \cos((2081\pi)/50000))/8, -$
 $(25\pi \cos((41\pi)/200) \cos((1041\pi)/25000))/8, -$
 $(25\pi \cos((83\pi)/400) \cos((2083\pi)/50000))/8, -$
 $(25\pi \cos((21\pi)/100) \cos((521\pi)/12500))/8, -$
 $(25\pi \cos((17\pi)/80) \cos((417\pi)/10000))/8, -$
 $(25\pi \cos((43\pi)/200) \cos((1043\pi)/25000))/8, -$
 $(25\pi \cos((87\pi)/400) \cos((2087\pi)/50000))/8, -$

$(25\pi \cos((11\pi)/50) \cos((261\pi)/6250))/8, -$
 $(25\pi \cos((89\pi)/400) \cos((2089\pi)/50000))/8, -$
 $(25\pi \cos((9\pi)/40) \cos((209\pi)/5000))/8, -$
 $(25\pi \cos((91\pi)/400) \cos((2091\pi)/50000))/8, -$
 $(25\pi \cos((23\pi)/100) \cos((523\pi)/12500))/8, -$
 $(25\pi \cos((93\pi)/400) \cos((2093\pi)/50000))/8, -$
 $(25\pi \cos((47\pi)/200) \cos((1047\pi)/25000))/8, -$
 $(25\pi \cos((19\pi)/80) \cos((419\pi)/10000))/8, -$
 $(25\pi \cos((6\pi)/25) \cos((131\pi)/3125))/8, -$
 $(25\pi \cos((97\pi)/400) \cos((2097\pi)/50000))/8, -$
 $(25\pi \cos((49\pi)/200) \cos((1049\pi)/25000))/8, -$
 $(25\pi \cos((99\pi)/400) \cos((2099\pi)/50000))/8, - (25 \cdot 2^{(1/2)} \pi \cos((21\pi)/500))/16,$
 $-(25\pi \cos((101\pi)/400) \cos((2101\pi)/50000))/8, -$
 $(25\pi \cos((51\pi)/200) \cos((1051\pi)/25000))/8, -$
 $(25\pi \cos((103\pi)/400) \cos((2103\pi)/50000))/8, -$
 $(25\pi \cos((13\pi)/50) \cos((263\pi)/6250))/8, -$
 $(25\pi \cos((21\pi)/80) \cos((421\pi)/10000))/8, -$
 $(25\pi \cos((53\pi)/200) \cos((1053\pi)/25000))/8, -$
 $(25\pi \cos((107\pi)/400) \cos((2107\pi)/50000))/8, -$
 $(25\pi \cos((27\pi)/100) \cos((527\pi)/12500))/8, -$
 $(25\pi \cos((109\pi)/400) \cos((2109\pi)/50000))/8, -$
 $(25\pi \cos((11\pi)/40) \cos((211\pi)/5000))/8, -$
 $(25\pi \cos((111\pi)/400) \cos((2111\pi)/50000))/8, -$
 $(25\pi \cos((7\pi)/25) \cos((132\pi)/3125))/8, -$
 $(25\pi \cos((113\pi)/400) \cos((2113\pi)/50000))/8, -$
 $(25\pi \cos((57\pi)/200) \cos((1057\pi)/25000))/8, -$
 $(25\pi \cos((23\pi)/80) \cos((423\pi)/10000))/8, -$
 $(25\pi \cos((29\pi)/100) \cos((529\pi)/12500))/8, -$
 $(25\pi \cos((117\pi)/400) \cos((2117\pi)/50000))/8, -$
 $(25\pi \cos((59\pi)/200) \cos((1059\pi)/25000))/8, -$
 $(25\pi \cos((119\pi)/400) \cos((2119\pi)/50000))/8, - (25 \cdot 2^{(1/2)} \pi \cos((53\pi)/1250) \cdot (5$
 $- 5^{(1/2)})^{(1/2)})/32, -(25\pi \cos((121\pi)/400) \cos((2121\pi)/50000))/8, -$
 $(25\pi \cos((61\pi)/200) \cos((1061\pi)/25000))/8, -$
 $(25\pi \cos((123\pi)/400) \cos((2123\pi)/50000))/8, -$
 $(25\pi \cos((31\pi)/100) \cos((531\pi)/12500))/8, -$
 $(25\pi \cos((5\pi)/16) \cos((17\pi)/400))/8, -$
 $(25\pi \cos((63\pi)/200) \cos((1063\pi)/25000))/8, -$
 $(25\pi \cos((127\pi)/400) \cos((2127\pi)/50000))/8, -$
 $(25\pi \cos((8\pi)/25) \cos((133\pi)/3125))/8, -$
 $(25\pi \cos((129\pi)/400) \cos((2129\pi)/50000))/8, -$
 $(25\pi \cos((13\pi)/40) \cos((213\pi)/5000))/8, -$
 $(25\pi \cos((131\pi)/400) \cos((2131\pi)/50000))/8, -$
 $(25\pi \cos((33\pi)/100) \cos((533\pi)/12500))/8, -$
 $(25\pi \cos((133\pi)/400) \cos((2133\pi)/50000))/8, -$
 $(25\pi \cos((67\pi)/200) \cos((1067\pi)/25000))/8, -$
 $(25\pi \cos((27\pi)/80) \cos((427\pi)/10000))/8, -$
 $(25\pi \cos((17\pi)/50) \cos((267\pi)/6250))/8, -$
 $(25\pi \cos((137\pi)/400) \cos((2137\pi)/50000))/8, -$
 $(25\pi \cos((69\pi)/200) \cos((1069\pi)/25000))/8, -$
 $(25\pi \cos((139\pi)/400) \cos((2139\pi)/50000))/8, -$
 $(25\pi \cos((7\pi)/20) \cos((107\pi)/2500))/8, -$
 $(25\pi \cos((141\pi)/400) \cos((2141\pi)/50000))/8, -$
 $(25\pi \cos((71\pi)/200) \cos((1071\pi)/25000))/8, -$
 $(25\pi \cos((143\pi)/400) \cos((2143\pi)/50000))/8, -$
 $(25\pi \cos((9\pi)/25) \cos((134\pi)/3125))/8, -$

$(25\pi \cos((29\pi)/80) \cos((429\pi)/10000))/8, -$
 $(25\pi \cos((73\pi)/200) \cos((1073\pi)/25000))/8, -$
 $(25\pi \cos((147\pi)/400) \cos((2147\pi)/50000))/8, -$
 $(25\pi \cos((37\pi)/100) \cos((537\pi)/12500))/8, -$
 $(25\pi \cos((149\pi)/400) \cos((2149\pi)/50000))/8, - (25\pi \cos((43\pi)/1000) * (2 -$
 $2^{(1/2)})^{(1/2)})/16, - (25\pi \cos((151\pi)/400) \cos((2151\pi)/50000))/8, -$
 $(25\pi \cos((19\pi)/50) \cos((269\pi)/6250))/8, -$
 $(25\pi \cos((153\pi)/400) \cos((2153\pi)/50000))/8, -$
 $(25\pi \cos((77\pi)/200) \cos((1077\pi)/25000))/8, -$
 $(25\pi \cos((31\pi)/80) \cos((431\pi)/10000))/8, -$
 $(25\pi \cos((39\pi)/100) \cos((539\pi)/12500))/8, -$
 $(25\pi \cos((157\pi)/400) \cos((2157\pi)/50000))/8, -$
 $(25\pi \cos((79\pi)/200) \cos((1079\pi)/25000))/8, -$
 $(25\pi \cos((159\pi)/400) \cos((2159\pi)/50000))/8, - (25\pi \cos((27\pi)/625) * (5^{(1/2)}/4 -$
 $1/4))/8, - (25\pi \cos((161\pi)/400) \cos((2161\pi)/50000))/8, -$
 $(25\pi \cos((81\pi)/200) \cos((1081\pi)/25000))/8, -$
 $(25\pi \cos((163\pi)/400) \cos((2163\pi)/50000))/8, -$
 $(25\pi \cos((41\pi)/100) \cos((541\pi)/12500))/8, -$
 $(25\pi \cos((33\pi)/80) \cos((433\pi)/10000))/8, -$
 $(25\pi \cos((83\pi)/200) \cos((1083\pi)/25000))/8, -$
 $(25\pi \cos((167\pi)/400) \cos((2167\pi)/50000))/8, -$
 $(25\pi \cos((21\pi)/50) \cos((271\pi)/6250))/8, -$
 $(25\pi \cos((169\pi)/400) \cos((2169\pi)/50000))/8, -$
 $(25\pi \cos((17\pi)/40) \cos((217\pi)/5000))/8, -$
 $(25\pi \cos((171\pi)/400) \cos((2171\pi)/50000))/8, -$
 $(25\pi \cos((43\pi)/100) \cos((543\pi)/12500))/8, -$
 $(25\pi \cos((173\pi)/400) \cos((2173\pi)/50000))/8, -$
 $(25\pi \cos((87\pi)/200) \cos((1087\pi)/25000))/8, -$
 $(25\pi \cos((7\pi)/16) \cos((87\pi)/2000))/8, -$
 $(25\pi \cos((11\pi)/25) \cos((136\pi)/3125))/8, -$
 $(25\pi \cos((177\pi)/400) \cos((2177\pi)/50000))/8, -$
 $(25\pi \cos((89\pi)/200) \cos((1089\pi)/25000))/8, -$
 $(25\pi \cos((179\pi)/400) \cos((2179\pi)/50000))/8, -$
 $(25\pi \cos((9\pi)/20) \cos((109\pi)/2500))/8, -$
 $(25\pi \cos((181\pi)/400) \cos((2181\pi)/50000))/8, -$
 $(25\pi \cos((91\pi)/200) \cos((1091\pi)/25000))/8, -$
 $(25\pi \cos((183\pi)/400) \cos((2183\pi)/50000))/8, -$
 $(25\pi \cos((23\pi)/50) \cos((273\pi)/6250))/8, -$
 $(25\pi \cos((37\pi)/80) \cos((437\pi)/10000))/8, -$
 $(25\pi \cos((93\pi)/200) \cos((1093\pi)/25000))/8, -$
 $(25\pi \cos((187\pi)/400) \cos((2187\pi)/50000))/8, -$
 $(25\pi \cos((47\pi)/100) \cos((547\pi)/12500))/8, -$
 $(25\pi \cos((189\pi)/400) \cos((2189\pi)/50000))/8, -$
 $(25\pi \cos((19\pi)/40) \cos((219\pi)/5000))/8, -$
 $(25\pi \cos((191\pi)/400) \cos((2191\pi)/50000))/8, -$
 $(25\pi \cos((12\pi)/25) \cos((137\pi)/3125))/8, -$
 $(25\pi \cos((193\pi)/400) \cos((2193\pi)/50000))/8, -$
 $(25\pi \cos((97\pi)/200) \cos((1097\pi)/25000))/8, -$
 $(25\pi \cos((39\pi)/80) \cos((439\pi)/10000))/8, -$
 $(25\pi \cos((49\pi)/100) \cos((549\pi)/12500))/8, -$
 $(25\pi \cos((197\pi)/400) \cos((2197\pi)/50000))/8, -$
 $(25\pi \cos((99\pi)/200) \cos((1099\pi)/25000))/8, -$
 $(25\pi \cos((199\pi)/400) \cos((2199\pi)/50000))/8, 0,$
 $(25\pi \cos((199\pi)/400) \cos((2201\pi)/50000))/8,$
 $(25\pi \cos((99\pi)/200) \cos((1101\pi)/25000))/8,$

$(25\pi \cos((197\pi)/400) \cos((2203\pi)/50000))/8,$
 $(25\pi \cos((49\pi)/100) \cos((551\pi)/12500))/8,$
 $(25\pi \cos((39\pi)/80) \cos((441\pi)/10000))/8,$
 $(25\pi \cos((97\pi)/200) \cos((1103\pi)/25000))/8,$
 $(25\pi \cos((193\pi)/400) \cos((2207\pi)/50000))/8,$
 $(25\pi \cos((12\pi)/25) \cos((138\pi)/3125))/8,$
 $(25\pi \cos((191\pi)/400) \cos((2209\pi)/50000))/8,$
 $(25\pi \cos((19\pi)/40) \cos((221\pi)/5000))/8,$
 $(25\pi \cos((189\pi)/400) \cos((2211\pi)/50000))/8,$
 $(25\pi \cos((47\pi)/100) \cos((553\pi)/12500))/8,$
 $(25\pi \cos((187\pi)/400) \cos((2213\pi)/50000))/8,$
 $(25\pi \cos((93\pi)/200) \cos((1107\pi)/25000))/8,$
 $(25\pi \cos((37\pi)/80) \cos((443\pi)/10000))/8,$
 $(25\pi \cos((23\pi)/50) \cos((277\pi)/6250))/8,$
 $(25\pi \cos((183\pi)/400) \cos((2217\pi)/50000))/8,$
 $(25\pi \cos((91\pi)/200) \cos((1109\pi)/25000))/8,$
 $(25\pi \cos((181\pi)/400) \cos((2219\pi)/50000))/8,$
 $(25\pi \cos((9\pi)/20) \cos((111\pi)/2500))/8,$
 $(25\pi \cos((179\pi)/400) \cos((2221\pi)/50000))/8,$
 $(25\pi \cos((89\pi)/200) \cos((1111\pi)/25000))/8,$
 $(25\pi \cos((177\pi)/400) \cos((2223\pi)/50000))/8,$
 $(25\pi \cos((11\pi)/25) \cos((139\pi)/3125))/8,$
 $(25\pi \cos((7\pi)/16) \cos((89\pi)/2000))/8,$
 $(25\pi \cos((87\pi)/200) \cos((1113\pi)/25000))/8,$
 $(25\pi \cos((173\pi)/400) \cos((2227\pi)/50000))/8,$
 $(25\pi \cos((43\pi)/100) \cos((557\pi)/12500))/8,$
 $(25\pi \cos((171\pi)/400) \cos((2229\pi)/50000))/8,$
 $(25\pi \cos((17\pi)/40) \cos((223\pi)/5000))/8,$
 $(25\pi \cos((169\pi)/400) \cos((2231\pi)/50000))/8,$
 $(25\pi \cos((21\pi)/50) \cos((279\pi)/6250))/8,$
 $(25\pi \cos((167\pi)/400) \cos((2233\pi)/50000))/8,$
 $(25\pi \cos((83\pi)/200) \cos((1117\pi)/25000))/8,$
 $(25\pi \cos((33\pi)/80) \cos((447\pi)/10000))/8,$
 $(25\pi \cos((41\pi)/100) \cos((559\pi)/12500))/8,$
 $(25\pi \cos((163\pi)/400) \cos((2237\pi)/50000))/8,$
 $(25\pi \cos((81\pi)/200) \cos((1119\pi)/25000))/8,$
 $(25\pi \cos((161\pi)/400) \cos((2239\pi)/50000))/8, (25\pi \cos((28\pi)/625) * (5^{1/2})/4 -$
 $1/4))/8, (25\pi \cos((159\pi)/400) \cos((2241\pi)/50000))/8,$
 $(25\pi \cos((79\pi)/200) \cos((1121\pi)/25000))/8,$
 $(25\pi \cos((157\pi)/400) \cos((2243\pi)/50000))/8,$
 $(25\pi \cos((39\pi)/100) \cos((561\pi)/12500))/8,$
 $(25\pi \cos((31\pi)/80) \cos((449\pi)/10000))/8,$
 $(25\pi \cos((77\pi)/200) \cos((1123\pi)/25000))/8,$
 $(25\pi \cos((153\pi)/400) \cos((2247\pi)/50000))/8,$
 $(25\pi \cos((19\pi)/50) \cos((281\pi)/6250))/8,$
 $(25\pi \cos((151\pi)/400) \cos((2249\pi)/50000))/8, (25\pi \cos((9\pi)/200) * (2 -$
 $2^{1/2})^{1/2})/16, (25\pi \cos((149\pi)/400) \cos((2251\pi)/50000))/8,$
 $(25\pi \cos((37\pi)/100) \cos((563\pi)/12500))/8,$
 $(25\pi \cos((147\pi)/400) \cos((2253\pi)/50000))/8,$
 $(25\pi \cos((73\pi)/200) \cos((1127\pi)/25000))/8,$
 $(25\pi \cos((29\pi)/80) \cos((451\pi)/10000))/8,$
 $(25\pi \cos((9\pi)/25) \cos((141\pi)/3125))/8,$
 $(25\pi \cos((143\pi)/400) \cos((2257\pi)/50000))/8,$
 $(25\pi \cos((71\pi)/200) \cos((1129\pi)/25000))/8,$
 $(25\pi \cos((141\pi)/400) \cos((2259\pi)/50000))/8,$

$(25\pi \cos((7\pi)/20) \cos((113\pi)/2500))/8,$
 $(25\pi \cos((139\pi)/400) \cos((2261\pi)/50000))/8,$
 $(25\pi \cos((69\pi)/200) \cos((1131\pi)/25000))/8,$
 $(25\pi \cos((137\pi)/400) \cos((2263\pi)/50000))/8,$
 $(25\pi \cos((17\pi)/50) \cos((283\pi)/6250))/8,$
 $(25\pi \cos((27\pi)/80) \cos((453\pi)/10000))/8,$
 $(25\pi \cos((67\pi)/200) \cos((1133\pi)/25000))/8,$
 $(25\pi \cos((133\pi)/400) \cos((2267\pi)/50000))/8,$
 $(25\pi \cos((33\pi)/100) \cos((567\pi)/12500))/8,$
 $(25\pi \cos((131\pi)/400) \cos((2269\pi)/50000))/8,$
 $(25\pi \cos((13\pi)/40) \cos((227\pi)/5000))/8,$
 $(25\pi \cos((129\pi)/400) \cos((2271\pi)/50000))/8,$
 $(25\pi \cos((8\pi)/25) \cos((142\pi)/3125))/8,$
 $(25\pi \cos((127\pi)/400) \cos((2273\pi)/50000))/8,$
 $(25\pi \cos((63\pi)/200) \cos((1137\pi)/25000))/8,$
 $(25\pi \cos((5\pi)/16) \cos((91\pi)/2000))/8,$
 $(25\pi \cos((31\pi)/100) \cos((569\pi)/12500))/8,$
 $(25\pi \cos((123\pi)/400) \cos((2277\pi)/50000))/8,$
 $(25\pi \cos((61\pi)/200) \cos((1139\pi)/25000))/8,$
 $(25\pi \cos((121\pi)/400) \cos((2279\pi)/50000))/8, (25^2^{(1/2)} \pi \cos((57\pi)/1250) * (5 -$
 $5^{(1/2)})^{(1/2)})/32, (25\pi \cos((119\pi)/400) \cos((2281\pi)/50000))/8,$
 $(25\pi \cos((59\pi)/200) \cos((1141\pi)/25000))/8,$
 $(25\pi \cos((117\pi)/400) \cos((2283\pi)/50000))/8,$
 $(25\pi \cos((29\pi)/100) \cos((571\pi)/12500))/8,$
 $(25\pi \cos((23\pi)/80) \cos((457\pi)/10000))/8,$
 $(25\pi \cos((57\pi)/200) \cos((1143\pi)/25000))/8,$
 $(25\pi \cos((113\pi)/400) \cos((2287\pi)/50000))/8,$
 $(25\pi \cos((7\pi)/25) \cos((143\pi)/3125))/8,$
 $(25\pi \cos((111\pi)/400) \cos((2289\pi)/50000))/8,$
 $(25\pi \cos((11\pi)/40) \cos((229\pi)/5000))/8,$
 $(25\pi \cos((109\pi)/400) \cos((2291\pi)/50000))/8,$
 $(25\pi \cos((27\pi)/100) \cos((573\pi)/12500))/8,$
 $(25\pi \cos((107\pi)/400) \cos((2293\pi)/50000))/8,$
 $(25\pi \cos((53\pi)/200) \cos((1147\pi)/25000))/8,$
 $(25\pi \cos((21\pi)/80) \cos((459\pi)/10000))/8,$
 $(25\pi \cos((13\pi)/50) \cos((287\pi)/6250))/8,$
 $(25\pi \cos((103\pi)/400) \cos((2297\pi)/50000))/8,$
 $(25\pi \cos((51\pi)/200) \cos((1149\pi)/25000))/8,$
 $(25\pi \cos((101\pi)/400) \cos((2299\pi)/50000))/8, (25^2^{(1/2)} \pi \cos((23\pi)/500))/16,$
 $(25\pi \cos((99\pi)/400) \cos((2301\pi)/50000))/8,$
 $(25\pi \cos((49\pi)/200) \cos((1151\pi)/25000))/8,$
 $(25\pi \cos((97\pi)/400) \cos((2303\pi)/50000))/8,$
 $(25\pi \cos((6\pi)/25) \cos((144\pi)/3125))/8,$
 $(25\pi \cos((19\pi)/80) \cos((461\pi)/10000))/8,$
 $(25\pi \cos((47\pi)/200) \cos((1153\pi)/25000))/8,$
 $(25\pi \cos((93\pi)/400) \cos((2307\pi)/50000))/8,$
 $(25\pi \cos((23\pi)/100) \cos((577\pi)/12500))/8,$
 $(25\pi \cos((91\pi)/400) \cos((2309\pi)/50000))/8,$
 $(25\pi \cos((9\pi)/40) \cos((231\pi)/5000))/8,$
 $(25\pi \cos((89\pi)/400) \cos((2311\pi)/50000))/8,$
 $(25\pi \cos((11\pi)/50) \cos((289\pi)/6250))/8,$
 $(25\pi \cos((87\pi)/400) \cos((2313\pi)/50000))/8,$
 $(25\pi \cos((43\pi)/200) \cos((1157\pi)/25000))/8,$
 $(25\pi \cos((17\pi)/80) \cos((463\pi)/10000))/8,$
 $(25\pi \cos((21\pi)/100) \cos((579\pi)/12500))/8,$

$(25\pi \cos((83\pi)/400) \cos((2317\pi)/50000))/8,$
 $(25\pi \cos((41\pi)/200) \cos((1159\pi)/25000))/8,$
 $(25\pi \cos((81\pi)/400) \cos((2319\pi)/50000))/8, (25\pi \cos((29\pi)/625) * (5^{(1/2)}/4 + 1/4))/8,$
 $(25\pi \cos((79\pi)/400) \cos((2321\pi)/50000))/8,$
 $(25\pi \cos((39\pi)/200) \cos((1161\pi)/25000))/8,$
 $(25\pi \cos((77\pi)/400) \cos((2323\pi)/50000))/8,$
 $(25\pi \cos((19\pi)/100) \cos((581\pi)/12500))/8,$
 $(25\pi \cos((3\pi)/16) \cos((93\pi)/2000))/8,$
 $(25\pi \cos((37\pi)/200) \cos((1163\pi)/25000))/8,$
 $(25\pi \cos((73\pi)/400) \cos((2327\pi)/50000))/8,$
 $(25\pi \cos((9\pi)/50) \cos((291\pi)/6250))/8,$
 $(25\pi \cos((71\pi)/400) \cos((2329\pi)/50000))/8,$
 $(25\pi \cos((7\pi)/40) \cos((233\pi)/5000))/8,$
 $(25\pi \cos((69\pi)/400) \cos((2331\pi)/50000))/8,$
 $(25\pi \cos((17\pi)/100) \cos((583\pi)/12500))/8,$
 $(25\pi \cos((67\pi)/400) \cos((2333\pi)/50000))/8,$
 $(25\pi \cos((33\pi)/200) \cos((1167\pi)/25000))/8,$
 $(25\pi \cos((13\pi)/80) \cos((467\pi)/10000))/8,$
 $(25\pi \cos((4\pi)/25) \cos((146\pi)/3125))/8,$
 $(25\pi \cos((63\pi)/400) \cos((2337\pi)/50000))/8,$
 $(25\pi \cos((31\pi)/200) \cos((1169\pi)/25000))/8,$
 $(25\pi \cos((61\pi)/400) \cos((2339\pi)/50000))/8,$
 $(25\pi \cos((3\pi)/20) \cos((117\pi)/2500))/8,$
 $(25\pi \cos((59\pi)/400) \cos((2341\pi)/50000))/8,$
 $(25\pi \cos((29\pi)/200) \cos((1171\pi)/25000))/8,$
 $(25\pi \cos((57\pi)/400) \cos((2343\pi)/50000))/8,$
 $(25\pi \cos((7\pi)/50) \cos((293\pi)/6250))/8,$
 $(25\pi \cos((11\pi)/80) \cos((469\pi)/10000))/8,$
 $(25\pi \cos((27\pi)/200) \cos((1173\pi)/25000))/8,$
 $(25\pi \cos((53\pi)/400) \cos((2347\pi)/50000))/8,$
 $(25\pi \cos((13\pi)/100) \cos((587\pi)/12500))/8,$
 $(25\pi \cos((51\pi)/400) \cos((2349\pi)/50000))/8, (25\pi \cos((47\pi)/1000) * (2^{(1/2)} + 2)^{(1/2)})/16,$
 $(25\pi \cos((49\pi)/400) \cos((2351\pi)/50000))/8,$
 $(25\pi \cos((3\pi)/25) \cos((147\pi)/3125))/8,$
 $(25\pi \cos((47\pi)/400) \cos((2353\pi)/50000))/8,$
 $(25\pi \cos((23\pi)/200) \cos((1177\pi)/25000))/8,$
 $(25\pi \cos((9\pi)/80) \cos((471\pi)/10000))/8,$
 $(25\pi \cos((11\pi)/100) \cos((589\pi)/12500))/8,$
 $(25\pi \cos((43\pi)/400) \cos((2357\pi)/50000))/8,$
 $(25\pi \cos((21\pi)/200) \cos((1179\pi)/25000))/8,$
 $(25\pi \cos((41\pi)/400) \cos((2359\pi)/50000))/8,$
 $(25 * 2^{(1/2)} * \pi * \cos((59\pi)/1250) * (5^{(1/2)} + 5)^{(1/2)})/32,$
 $(25\pi \cos((39\pi)/400) \cos((2361\pi)/50000))/8,$
 $(25\pi \cos((19\pi)/200) \cos((1181\pi)/25000))/8,$
 $(25\pi \cos((37\pi)/400) \cos((2363\pi)/50000))/8,$
 $(25\pi \cos((9\pi)/100) \cos((591\pi)/12500))/8,$
 $(25\pi \cos((7\pi)/80) \cos((473\pi)/10000))/8,$
 $(25\pi \cos((17\pi)/200) \cos((1183\pi)/25000))/8,$
 $(25\pi \cos((33\pi)/400) \cos((2367\pi)/50000))/8,$
 $(25\pi \cos((2\pi)/25) \cos((148\pi)/3125))/8,$
 $(25\pi \cos((31\pi)/400) \cos((2369\pi)/50000))/8,$
 $(25\pi \cos((3\pi)/40) \cos((237\pi)/5000))/8,$
 $(25\pi \cos((29\pi)/400) \cos((2371\pi)/50000))/8,$
 $(25\pi \cos((7\pi)/100) \cos((593\pi)/12500))/8,$
 $(25\pi \cos((27\pi)/400) \cos((2373\pi)/50000))/8,$

$(25\pi \cos((13\pi)/200) \cos((1187\pi)/25000))/8$, $(25\pi \cos(\pi/16) \cos((19\pi)/400))/8$,
 $(25\pi \cos((3\pi)/50) \cos((297\pi)/6250))/8$,
 $(25\pi \cos((23\pi)/400) \cos((2377\pi)/50000))/8$,
 $(25\pi \cos((11\pi)/200) \cos((1189\pi)/25000))/8$,
 $(25\pi \cos((21\pi)/400) \cos((2379\pi)/50000))/8$,
 $(25\pi \cos(\pi/20) \cos((119\pi)/2500))/8$,
 $(25\pi \cos((19\pi)/400) \cos((2381\pi)/50000))/8$,
 $(25\pi \cos((9\pi)/200) \cos((1191\pi)/25000))/8$,
 $(25\pi \cos((17\pi)/400) \cos((2383\pi)/50000))/8$,
 $(25\pi \cos(\pi/25) \cos((149\pi)/3125))/8$, $(25\pi \cos((3\pi)/80) \cos((477\pi)/10000))/8$,
 $(25\pi \cos((7\pi)/200) \cos((1193\pi)/25000))/8$,
 $(25\pi \cos((13\pi)/400) \cos((2387\pi)/50000))/8$,
 $(25\pi \cos((3\pi)/100) \cos((597\pi)/12500))/8$,
 $(25\pi \cos((11\pi)/400) \cos((2389\pi)/50000))/8$,
 $(25\pi \cos(\pi/40) \cos((239\pi)/5000))/8$,
 $(25\pi \cos((9\pi)/400) \cos((2391\pi)/50000))/8$,
 $(25\pi \cos(\pi/50) \cos((299\pi)/6250))/8$,
 $(25\pi \cos((7\pi)/400) \cos((2393\pi)/50000))/8$,
 $(25\pi \cos((3\pi)/200) \cos((1197\pi)/25000))/8$,
 $(25\pi \cos(\pi/80) \cos((479\pi)/10000))/8$, $(25\pi \cos(\pi/100) \cos((599\pi)/12500))/8$,
 $(25\pi \cos((3\pi)/400) \cos((2397\pi)/50000))/8$,
 $(25\pi \cos(\pi/200) \cos((1199\pi)/25000))/8$, $(25\pi \cos(\pi/400) \cos((2399\pi)/50000))/8$,
 $(25\pi \cos((6\pi)/125))/8$, $(25\pi \cos(\pi/400) \cos((2401\pi)/50000))/8$,
 $(25\pi \cos(\pi/200) \cos((1201\pi)/25000))/8$,
 $(25\pi \cos((3\pi)/400) \cos((2403\pi)/50000))/8$,
 $(25\pi \cos(\pi/100) \cos((601\pi)/12500))/8$, $(25\pi \cos(\pi/80) \cos((481\pi)/10000))/8$,
 $(25\pi \cos((3\pi)/200) \cos((1203\pi)/25000))/8$,
 $(25\pi \cos((7\pi)/400) \cos((2407\pi)/50000))/8$,
 $(25\pi \cos(\pi/50) \cos((301\pi)/6250))/8$,
 $(25\pi \cos((9\pi)/400) \cos((2409\pi)/50000))/8$,
 $(25\pi \cos(\pi/40) \cos((241\pi)/5000))/8$,
 $(25\pi \cos((11\pi)/400) \cos((2411\pi)/50000))/8$,
 $(25\pi \cos((3\pi)/100) \cos((603\pi)/12500))/8$,
 $(25\pi \cos((13\pi)/400) \cos((2413\pi)/50000))/8$,
 $(25\pi \cos((7\pi)/200) \cos((1207\pi)/25000))/8$,
 $(25\pi \cos((3\pi)/80) \cos((483\pi)/10000))/8$, $(25\pi \cos(\pi/25) \cos((151\pi)/3125))/8$,
 $(25\pi \cos((17\pi)/400) \cos((2417\pi)/50000))/8$,
 $(25\pi \cos((9\pi)/200) \cos((1209\pi)/25000))/8$,
 $(25\pi \cos((19\pi)/400) \cos((2419\pi)/50000))/8$,
 $(25\pi \cos(\pi/20) \cos((121\pi)/2500))/8$,
 $(25\pi \cos((21\pi)/400) \cos((2421\pi)/50000))/8$,
 $(25\pi \cos((11\pi)/200) \cos((1211\pi)/25000))/8$,
 $(25\pi \cos((23\pi)/400) \cos((2423\pi)/50000))/8$,
 $(25\pi \cos((3\pi)/50) \cos((303\pi)/6250))/8$, $(25\pi \cos(\pi/16) \cos((97\pi)/2000))/8$,
 $(25\pi \cos((13\pi)/200) \cos((1213\pi)/25000))/8$,
 $(25\pi \cos((27\pi)/400) \cos((2427\pi)/50000))/8$,
 $(25\pi \cos((7\pi)/100) \cos((607\pi)/12500))/8$,
 $(25\pi \cos((29\pi)/400) \cos((2429\pi)/50000))/8$,
 $(25\pi \cos((3\pi)/40) \cos((243\pi)/5000))/8$,
 $(25\pi \cos((31\pi)/400) \cos((2431\pi)/50000))/8$,
 $(25\pi \cos((2\pi)/25) \cos((152\pi)/3125))/8$,
 $(25\pi \cos((33\pi)/400) \cos((2433\pi)/50000))/8$,
 $(25\pi \cos((17\pi)/200) \cos((1217\pi)/25000))/8$,
 $(25\pi \cos((7\pi)/80) \cos((487\pi)/10000))/8$,
 $(25\pi \cos((9\pi)/100) \cos((609\pi)/12500))/8$,

$(25\pi \cos((37\pi)/400) \cos((2437\pi)/50000))/8,$
 $(25\pi \cos((19\pi)/200) \cos((1219\pi)/25000))/8,$
 $(25\pi \cos((39\pi)/400) \cos((2439\pi)/50000))/8,$
 $(25 \cdot 2^{(1/2)} \pi \cos((61\pi)/1250) \cdot (5^{(1/2)} + 5)^{(1/2)})/32,$
 $(25\pi \cos((41\pi)/400) \cos((2441\pi)/50000))/8,$
 $(25\pi \cos((21\pi)/200) \cos((1221\pi)/25000))/8,$
 $(25\pi \cos((43\pi)/400) \cos((2443\pi)/50000))/8,$
 $(25\pi \cos((11\pi)/100) \cos((611\pi)/12500))/8,$
 $(25\pi \cos((9\pi)/80) \cos((489\pi)/10000))/8,$
 $(25\pi \cos((23\pi)/200) \cos((1223\pi)/25000))/8,$
 $(25\pi \cos((47\pi)/400) \cos((2447\pi)/50000))/8,$
 $(25\pi \cos((3\pi)/25) \cos((153\pi)/3125))/8,$
 $(25\pi \cos((49\pi)/400) \cos((2449\pi)/50000))/8, (25\pi \cos((49\pi)/1000) \cdot (2^{(1/2)} + 2)^{(1/2)})/16,$
 $(25\pi \cos((51\pi)/400) \cos((2451\pi)/50000))/8,$
 $(25\pi \cos((13\pi)/100) \cos((613\pi)/12500))/8,$
 $(25\pi \cos((53\pi)/400) \cos((2453\pi)/50000))/8,$
 $(25\pi \cos((27\pi)/200) \cos((1227\pi)/25000))/8,$
 $(25\pi \cos((11\pi)/80) \cos((491\pi)/10000))/8,$
 $(25\pi \cos((7\pi)/50) \cos((307\pi)/6250))/8,$
 $(25\pi \cos((57\pi)/400) \cos((2457\pi)/50000))/8,$
 $(25\pi \cos((29\pi)/200) \cos((1229\pi)/25000))/8,$
 $(25\pi \cos((59\pi)/400) \cos((2459\pi)/50000))/8,$
 $(25\pi \cos((3\pi)/20) \cos((123\pi)/2500))/8,$
 $(25\pi \cos((61\pi)/400) \cos((2461\pi)/50000))/8,$
 $(25\pi \cos((31\pi)/200) \cos((1231\pi)/25000))/8,$
 $(25\pi \cos((63\pi)/400) \cos((2463\pi)/50000))/8,$
 $(25\pi \cos((4\pi)/25) \cos((154\pi)/3125))/8,$
 $(25\pi \cos((13\pi)/80) \cos((493\pi)/10000))/8,$
 $(25\pi \cos((33\pi)/200) \cos((1233\pi)/25000))/8,$
 $(25\pi \cos((67\pi)/400) \cos((2467\pi)/50000))/8,$
 $(25\pi \cos((17\pi)/100) \cos((617\pi)/12500))/8,$
 $(25\pi \cos((69\pi)/400) \cos((2469\pi)/50000))/8,$
 $(25\pi \cos((7\pi)/40) \cos((247\pi)/5000))/8,$
 $(25\pi \cos((71\pi)/400) \cos((2471\pi)/50000))/8,$
 $(25\pi \cos((9\pi)/50) \cos((309\pi)/6250))/8,$
 $(25\pi \cos((73\pi)/400) \cos((2473\pi)/50000))/8,$
 $(25\pi \cos((37\pi)/200) \cos((1237\pi)/25000))/8,$
 $(25\pi \cos((3\pi)/16) \cos((99\pi)/2000))/8,$
 $(25\pi \cos((19\pi)/100) \cos((619\pi)/12500))/8,$
 $(25\pi \cos((77\pi)/400) \cos((2477\pi)/50000))/8,$
 $(25\pi \cos((39\pi)/200) \cos((1239\pi)/25000))/8,$
 $(25\pi \cos((79\pi)/400) \cos((2479\pi)/50000))/8, (25\pi \cos((31\pi)/625) \cdot (5^{(1/2)}/4 + 1/4))/8,$
 $(25\pi \cos((81\pi)/400) \cos((2481\pi)/50000))/8,$
 $(25\pi \cos((41\pi)/200) \cos((1241\pi)/25000))/8,$
 $(25\pi \cos((83\pi)/400) \cos((2483\pi)/50000))/8,$
 $(25\pi \cos((21\pi)/100) \cos((621\pi)/12500))/8,$
 $(25\pi \cos((17\pi)/80) \cos((497\pi)/10000))/8,$
 $(25\pi \cos((43\pi)/200) \cos((1243\pi)/25000))/8,$
 $(25\pi \cos((87\pi)/400) \cos((2487\pi)/50000))/8,$
 $(25\pi \cos((11\pi)/50) \cos((311\pi)/6250))/8,$
 $(25\pi \cos((89\pi)/400) \cos((2489\pi)/50000))/8,$
 $(25\pi \cos((9\pi)/40) \cos((249\pi)/5000))/8,$
 $(25\pi \cos((91\pi)/400) \cos((2491\pi)/50000))/8,$
 $(25\pi \cos((23\pi)/100) \cos((623\pi)/12500))/8,$
 $(25\pi \cos((93\pi)/400) \cos((2493\pi)/50000))/8,$

$(25\pi \cos((47\pi)/200) \cos((1247\pi)/25000))/8,$
 $(25\pi \cos((19\pi)/80) \cos((499\pi)/10000))/8,$
 $(25\pi \cos((6\pi)/25) \cos((156\pi)/3125))/8,$
 $(25\pi \cos((97\pi)/400) \cos((2497\pi)/50000))/8,$
 $(25\pi \cos((49\pi)/200) \cos((1249\pi)/25000))/8,$
 $(25\pi \cos((99\pi)/400) \cos((2499\pi)/50000))/8, (25 \cdot 2^{(1/2)} \pi \cos(\pi/20))/16,$
 $(25\pi \cos((101\pi)/400) \cos((2501\pi)/50000))/8,$
 $(25\pi \cos((51\pi)/200) \cos((1251\pi)/25000))/8,$
 $(25\pi \cos((103\pi)/400) \cos((2503\pi)/50000))/8,$
 $(25\pi \cos((13\pi)/50) \cos((313\pi)/6250))/8,$
 $(25\pi \cos((21\pi)/80) \cos((501\pi)/10000))/8,$
 $(25\pi \cos((53\pi)/200) \cos((1253\pi)/25000))/8,$
 $(25\pi \cos((107\pi)/400) \cos((2507\pi)/50000))/8,$
 $(25\pi \cos((27\pi)/100) \cos((627\pi)/12500))/8,$
 $(25\pi \cos((109\pi)/400) \cos((2509\pi)/50000))/8,$
 $(25\pi \cos((11\pi)/40) \cos((251\pi)/5000))/8,$
 $(25\pi \cos((111\pi)/400) \cos((2511\pi)/50000))/8,$
 $(25\pi \cos((7\pi)/25) \cos((157\pi)/3125))/8,$
 $(25\pi \cos((113\pi)/400) \cos((2513\pi)/50000))/8,$
 $(25\pi \cos((57\pi)/200) \cos((1257\pi)/25000))/8,$
 $(25\pi \cos((23\pi)/80) \cos((503\pi)/10000))/8,$
 $(25\pi \cos((29\pi)/100) \cos((629\pi)/12500))/8,$
 $(25\pi \cos((117\pi)/400) \cos((2517\pi)/50000))/8,$
 $(25\pi \cos((59\pi)/200) \cos((1259\pi)/25000))/8,$
 $(25\pi \cos((119\pi)/400) \cos((2519\pi)/50000))/8, (25 \cdot 2^{(1/2)} \pi \cos((63\pi)/1250) \cdot (5 -$
 $5^{(1/2)})^{(1/2)})/32, (25\pi \cos((121\pi)/400) \cos((2521\pi)/50000))/8,$
 $(25\pi \cos((61\pi)/200) \cos((1261\pi)/25000))/8,$
 $(25\pi \cos((123\pi)/400) \cos((2523\pi)/50000))/8,$
 $(25\pi \cos((31\pi)/100) \cos((631\pi)/12500))/8,$
 $(25\pi \cos((5\pi)/16) \cos((101\pi)/2000))/8,$
 $(25\pi \cos((63\pi)/200) \cos((1263\pi)/25000))/8,$
 $(25\pi \cos((127\pi)/400) \cos((2527\pi)/50000))/8,$
 $(25\pi \cos((8\pi)/25) \cos((158\pi)/3125))/8,$
 $(25\pi \cos((129\pi)/400) \cos((2529\pi)/50000))/8,$
 $(25\pi \cos((13\pi)/40) \cos((253\pi)/5000))/8,$
 $(25\pi \cos((131\pi)/400) \cos((2531\pi)/50000))/8,$
 $(25\pi \cos((33\pi)/100) \cos((633\pi)/12500))/8,$
 $(25\pi \cos((133\pi)/400) \cos((2533\pi)/50000))/8,$
 $(25\pi \cos((67\pi)/200) \cos((1267\pi)/25000))/8,$
 $(25\pi \cos((27\pi)/80) \cos((507\pi)/10000))/8,$
 $(25\pi \cos((17\pi)/50) \cos((317\pi)/6250))/8,$
 $(25\pi \cos((137\pi)/400) \cos((2537\pi)/50000))/8,$
 $(25\pi \cos((69\pi)/200) \cos((1269\pi)/25000))/8,$
 $(25\pi \cos((139\pi)/400) \cos((2539\pi)/50000))/8,$
 $(25\pi \cos((7\pi)/20) \cos((127\pi)/2500))/8,$
 $(25\pi \cos((141\pi)/400) \cos((2541\pi)/50000))/8,$
 $(25\pi \cos((71\pi)/200) \cos((1271\pi)/25000))/8,$
 $(25\pi \cos((143\pi)/400) \cos((2543\pi)/50000))/8,$
 $(25\pi \cos((9\pi)/25) \cos((159\pi)/3125))/8,$
 $(25\pi \cos((29\pi)/80) \cos((509\pi)/10000))/8,$
 $(25\pi \cos((73\pi)/200) \cos((1273\pi)/25000))/8,$
 $(25\pi \cos((147\pi)/400) \cos((2547\pi)/50000))/8,$
 $(25\pi \cos((37\pi)/100) \cos((637\pi)/12500))/8,$
 $(25\pi \cos((149\pi)/400) \cos((2549\pi)/50000))/8, (25\pi \cos((51\pi)/1000) \cdot (2 -$
 $2^{(1/2)})^{(1/2)})/16, (25\pi \cos((151\pi)/400) \cos((2551\pi)/50000))/8,$

$(25\pi \cos((19\pi)/50) \cos((319\pi)/6250))/8,$
 $(25\pi \cos((153\pi)/400) \cos((2553\pi)/50000))/8,$
 $(25\pi \cos((77\pi)/200) \cos((1277\pi)/25000))/8,$
 $(25\pi \cos((31\pi)/80) \cos((511\pi)/10000))/8,$
 $(25\pi \cos((39\pi)/100) \cos((639\pi)/12500))/8,$
 $(25\pi \cos((157\pi)/400) \cos((2557\pi)/50000))/8,$
 $(25\pi \cos((79\pi)/200) \cos((1279\pi)/25000))/8,$
 $(25\pi \cos((159\pi)/400) \cos((2559\pi)/50000))/8, (25\pi \cos((32\pi)/625) * (5^{(1/2)}/4 -$
 $1/4))/8, (25\pi \cos((161\pi)/400) \cos((2561\pi)/50000))/8,$
 $(25\pi \cos((81\pi)/200) \cos((1281\pi)/25000))/8,$
 $(25\pi \cos((163\pi)/400) \cos((2563\pi)/50000))/8,$
 $(25\pi \cos((41\pi)/100) \cos((641\pi)/12500))/8,$
 $(25\pi \cos((33\pi)/80) \cos((513\pi)/10000))/8,$
 $(25\pi \cos((83\pi)/200) \cos((1283\pi)/25000))/8,$
 $(25\pi \cos((167\pi)/400) \cos((2567\pi)/50000))/8,$
 $(25\pi \cos((21\pi)/50) \cos((321\pi)/6250))/8,$
 $(25\pi \cos((169\pi)/400) \cos((2569\pi)/50000))/8,$
 $(25\pi \cos((17\pi)/40) \cos((257\pi)/5000))/8,$
 $(25\pi \cos((171\pi)/400) \cos((2571\pi)/50000))/8,$
 $(25\pi \cos((43\pi)/100) \cos((643\pi)/12500))/8,$
 $(25\pi \cos((173\pi)/400) \cos((2573\pi)/50000))/8,$
 $(25\pi \cos((87\pi)/200) \cos((1287\pi)/25000))/8,$
 $(25\pi \cos((7\pi)/16) \cos((103\pi)/2000))/8,$
 $(25\pi \cos((11\pi)/25) \cos((161\pi)/3125))/8,$
 $(25\pi \cos((177\pi)/400) \cos((2577\pi)/50000))/8,$
 $(25\pi \cos((89\pi)/200) \cos((1289\pi)/25000))/8,$
 $(25\pi \cos((179\pi)/400) \cos((2579\pi)/50000))/8,$
 $(25\pi \cos((9\pi)/20) \cos((129\pi)/2500))/8,$
 $(25\pi \cos((181\pi)/400) \cos((2581\pi)/50000))/8,$
 $(25\pi \cos((91\pi)/200) \cos((1291\pi)/25000))/8,$
 $(25\pi \cos((183\pi)/400) \cos((2583\pi)/50000))/8,$
 $(25\pi \cos((23\pi)/50) \cos((323\pi)/6250))/8,$
 $(25\pi \cos((37\pi)/80) \cos((517\pi)/10000))/8,$
 $(25\pi \cos((93\pi)/200) \cos((1293\pi)/25000))/8,$
 $(25\pi \cos((187\pi)/400) \cos((2587\pi)/50000))/8,$
 $(25\pi \cos((47\pi)/100) \cos((647\pi)/12500))/8,$
 $(25\pi \cos((189\pi)/400) \cos((2589\pi)/50000))/8,$
 $(25\pi \cos((19\pi)/40) \cos((259\pi)/5000))/8,$
 $(25\pi \cos((191\pi)/400) \cos((2591\pi)/50000))/8,$
 $(25\pi \cos((12\pi)/25) \cos((162\pi)/3125))/8,$
 $(25\pi \cos((193\pi)/400) \cos((2593\pi)/50000))/8,$
 $(25\pi \cos((97\pi)/200) \cos((1297\pi)/25000))/8,$
 $(25\pi \cos((39\pi)/80) \cos((519\pi)/10000))/8,$
 $(25\pi \cos((49\pi)/100) \cos((649\pi)/12500))/8,$
 $(25\pi \cos((197\pi)/400) \cos((2597\pi)/50000))/8,$
 $(25\pi \cos((99\pi)/200) \cos((1299\pi)/25000))/8,$
 $(25\pi \cos((199\pi)/400) \cos((2599\pi)/50000))/8, 0, -$
 $(25\pi \cos((199\pi)/400) \cos((2601\pi)/50000))/8, -$
 $(25\pi \cos((99\pi)/200) \cos((1301\pi)/25000))/8, -$
 $(25\pi \cos((197\pi)/400) \cos((2603\pi)/50000))/8, -$
 $(25\pi \cos((49\pi)/100) \cos((651\pi)/12500))/8, -$
 $(25\pi \cos((39\pi)/80) \cos((521\pi)/10000))/8, -$
 $(25\pi \cos((97\pi)/200) \cos((1303\pi)/25000))/8, -$
 $(25\pi \cos((193\pi)/400) \cos((2607\pi)/50000))/8, -$
 $(25\pi \cos((12\pi)/25) \cos((163\pi)/3125))/8, -$

$(25\pi \cos((191\pi)/400) \cos((2609\pi)/50000))/8, -$
 $(25\pi \cos((19\pi)/40) \cos((261\pi)/5000))/8, -$
 $(25\pi \cos((189\pi)/400) \cos((2611\pi)/50000))/8, -$
 $(25\pi \cos((47\pi)/100) \cos((653\pi)/12500))/8, -$
 $(25\pi \cos((187\pi)/400) \cos((2613\pi)/50000))/8, -$
 $(25\pi \cos((93\pi)/200) \cos((1307\pi)/25000))/8, -$
 $(25\pi \cos((37\pi)/80) \cos((523\pi)/10000))/8, -$
 $(25\pi \cos((23\pi)/50) \cos((327\pi)/6250))/8, -$
 $(25\pi \cos((183\pi)/400) \cos((2617\pi)/50000))/8, -$
 $(25\pi \cos((91\pi)/200) \cos((1309\pi)/25000))/8, -$
 $(25\pi \cos((181\pi)/400) \cos((2619\pi)/50000))/8, -$
 $(25\pi \cos((9\pi)/20) \cos((131\pi)/2500))/8, -$
 $(25\pi \cos((179\pi)/400) \cos((2621\pi)/50000))/8, -$
 $(25\pi \cos((89\pi)/200) \cos((1311\pi)/25000))/8, -$
 $(25\pi \cos((177\pi)/400) \cos((2623\pi)/50000))/8, -$
 $(25\pi \cos((11\pi)/25) \cos((164\pi)/3125))/8, -$
 $(25\pi \cos((7\pi)/16) \cos((21\pi)/400))/8, -$
 $(25\pi \cos((87\pi)/200) \cos((1313\pi)/25000))/8, -$
 $(25\pi \cos((173\pi)/400) \cos((2627\pi)/50000))/8, -$
 $(25\pi \cos((43\pi)/100) \cos((657\pi)/12500))/8, -$
 $(25\pi \cos((171\pi)/400) \cos((2629\pi)/50000))/8, -$
 $(25\pi \cos((17\pi)/40) \cos((263\pi)/5000))/8, -$
 $(25\pi \cos((169\pi)/400) \cos((2631\pi)/50000))/8, -$
 $(25\pi \cos((21\pi)/50) \cos((329\pi)/6250))/8, -$
 $(25\pi \cos((167\pi)/400) \cos((2633\pi)/50000))/8, -$
 $(25\pi \cos((83\pi)/200) \cos((1317\pi)/25000))/8, -$
 $(25\pi \cos((33\pi)/80) \cos((527\pi)/10000))/8, -$
 $(25\pi \cos((41\pi)/100) \cos((659\pi)/12500))/8, -$
 $(25\pi \cos((163\pi)/400) \cos((2637\pi)/50000))/8, -$
 $(25\pi \cos((81\pi)/200) \cos((1319\pi)/25000))/8, -$
 $(25\pi \cos((161\pi)/400) \cos((2639\pi)/50000))/8, - (25\pi \cos((33\pi)/625) * (5^{(1/2)}/4 -$
 $1/4))/8, - (25\pi \cos((159\pi)/400) \cos((2641\pi)/50000))/8, -$
 $(25\pi \cos((79\pi)/200) \cos((1321\pi)/25000))/8, -$
 $(25\pi \cos((157\pi)/400) \cos((2643\pi)/50000))/8, -$
 $(25\pi \cos((39\pi)/100) \cos((661\pi)/12500))/8, -$
 $(25\pi \cos((31\pi)/80) \cos((529\pi)/10000))/8, -$
 $(25\pi \cos((77\pi)/200) \cos((1323\pi)/25000))/8, -$
 $(25\pi \cos((153\pi)/400) \cos((2647\pi)/50000))/8, -$
 $(25\pi \cos((19\pi)/50) \cos((331\pi)/6250))/8, -$
 $(25\pi \cos((151\pi)/400) \cos((2649\pi)/50000))/8, - (25\pi \cos((53\pi)/1000) * (2 -$
 $2^{(1/2)})^{(1/2)})/16, - (25\pi \cos((149\pi)/400) \cos((2651\pi)/50000))/8, -$
 $(25\pi \cos((37\pi)/100) \cos((663\pi)/12500))/8, -$
 $(25\pi \cos((147\pi)/400) \cos((2653\pi)/50000))/8, -$
 $(25\pi \cos((73\pi)/200) \cos((1327\pi)/25000))/8, -$
 $(25\pi \cos((29\pi)/80) \cos((531\pi)/10000))/8, -$
 $(25\pi \cos((9\pi)/25) \cos((166\pi)/3125))/8, -$
 $(25\pi \cos((143\pi)/400) \cos((2657\pi)/50000))/8, -$
 $(25\pi \cos((71\pi)/200) \cos((1329\pi)/25000))/8, -$
 $(25\pi \cos((141\pi)/400) \cos((2659\pi)/50000))/8, -$
 $(25\pi \cos((7\pi)/20) \cos((133\pi)/2500))/8, -$
 $(25\pi \cos((139\pi)/400) \cos((2661\pi)/50000))/8, -$
 $(25\pi \cos((69\pi)/200) \cos((1331\pi)/25000))/8, -$
 $(25\pi \cos((137\pi)/400) \cos((2663\pi)/50000))/8, -$
 $(25\pi \cos((17\pi)/50) \cos((333\pi)/6250))/8, -$
 $(25\pi \cos((27\pi)/80) \cos((533\pi)/10000))/8, -$

$(25\pi \cos((67\pi)/200) \cos((1333\pi)/25000))/8, -$
 $(25\pi \cos((133\pi)/400) \cos((2667\pi)/50000))/8, -$
 $(25\pi \cos((33\pi)/100) \cos((667\pi)/12500))/8, -$
 $(25\pi \cos((131\pi)/400) \cos((2669\pi)/50000))/8, -$
 $(25\pi \cos((13\pi)/40) \cos((267\pi)/5000))/8, -$
 $(25\pi \cos((129\pi)/400) \cos((2671\pi)/50000))/8, -$
 $(25\pi \cos((8\pi)/25) \cos((167\pi)/3125))/8, -$
 $(25\pi \cos((127\pi)/400) \cos((2673\pi)/50000))/8, -$
 $(25\pi \cos((63\pi)/200) \cos((1337\pi)/25000))/8, -$
 $(25\pi \cos((5\pi)/16) \cos((107\pi)/2000))/8, -$
 $(25\pi \cos((31\pi)/100) \cos((669\pi)/12500))/8, -$
 $(25\pi \cos((123\pi)/400) \cos((2677\pi)/50000))/8, -$
 $(25\pi \cos((61\pi)/200) \cos((1339\pi)/25000))/8, -$
 $(25\pi \cos((121\pi)/400) \cos((2679\pi)/50000))/8, - (25 \cdot 2^{(1/2)} \pi \cos((67\pi)/1250) \cdot (5$
 $- 5^{(1/2)})^{(1/2)})/32, - (25\pi \cos((119\pi)/400) \cos((2681\pi)/50000))/8, -$
 $(25\pi \cos((59\pi)/200) \cos((1341\pi)/25000))/8, -$
 $(25\pi \cos((117\pi)/400) \cos((2683\pi)/50000))/8, -$
 $(25\pi \cos((29\pi)/100) \cos((671\pi)/12500))/8, -$
 $(25\pi \cos((23\pi)/80) \cos((537\pi)/10000))/8, -$
 $(25\pi \cos((57\pi)/200) \cos((1343\pi)/25000))/8, -$
 $(25\pi \cos((113\pi)/400) \cos((2687\pi)/50000))/8, -$
 $(25\pi \cos((7\pi)/25) \cos((168\pi)/3125))/8, -$
 $(25\pi \cos((111\pi)/400) \cos((2689\pi)/50000))/8, -$
 $(25\pi \cos((11\pi)/40) \cos((269\pi)/5000))/8, -$
 $(25\pi \cos((109\pi)/400) \cos((2691\pi)/50000))/8, -$
 $(25\pi \cos((27\pi)/100) \cos((673\pi)/12500))/8, -$
 $(25\pi \cos((107\pi)/400) \cos((2693\pi)/50000))/8, -$
 $(25\pi \cos((53\pi)/200) \cos((1347\pi)/25000))/8, -$
 $(25\pi \cos((21\pi)/80) \cos((539\pi)/10000))/8, -$
 $(25\pi \cos((13\pi)/50) \cos((337\pi)/6250))/8, -$
 $(25\pi \cos((103\pi)/400) \cos((2697\pi)/50000))/8, -$
 $(25\pi \cos((51\pi)/200) \cos((1349\pi)/25000))/8, -$
 $(25\pi \cos((101\pi)/400) \cos((2699\pi)/50000))/8, - (25 \cdot 2^{(1/2)} \pi \cos((27\pi)/500))/16,$
 $- (25\pi \cos((99\pi)/400) \cos((2701\pi)/50000))/8, -$
 $(25\pi \cos((49\pi)/200) \cos((1351\pi)/25000))/8, -$
 $(25\pi \cos((97\pi)/400) \cos((2703\pi)/50000))/8, -$
 $(25\pi \cos((6\pi)/25) \cos((169\pi)/3125))/8, -$
 $(25\pi \cos((19\pi)/80) \cos((541\pi)/10000))/8, -$
 $(25\pi \cos((47\pi)/200) \cos((1353\pi)/25000))/8, -$
 $(25\pi \cos((93\pi)/400) \cos((2707\pi)/50000))/8, -$
 $(25\pi \cos((23\pi)/100) \cos((677\pi)/12500))/8, -$
 $(25\pi \cos((91\pi)/400) \cos((2709\pi)/50000))/8, -$
 $(25\pi \cos((9\pi)/40) \cos((271\pi)/5000))/8, -$
 $(25\pi \cos((89\pi)/400) \cos((2711\pi)/50000))/8, -$
 $(25\pi \cos((11\pi)/50) \cos((339\pi)/6250))/8, -$
 $(25\pi \cos((87\pi)/400) \cos((2713\pi)/50000))/8, -$
 $(25\pi \cos((43\pi)/200) \cos((1357\pi)/25000))/8, -$
 $(25\pi \cos((17\pi)/80) \cos((543\pi)/10000))/8, -$
 $(25\pi \cos((21\pi)/100) \cos((679\pi)/12500))/8, -$
 $(25\pi \cos((83\pi)/400) \cos((2717\pi)/50000))/8, -$
 $(25\pi \cos((41\pi)/200) \cos((1359\pi)/25000))/8, -$
 $(25\pi \cos((81\pi)/400) \cos((2719\pi)/50000))/8, -$

$(25\pi \cos((34\pi)/625) \cdot (5^{1/2}/4 + 1/4))/8, -$
 $(25\pi \cos((79\pi)/400) \cdot \cos((2721\pi)/50000))/8, -$
 $(25\pi \cos((39\pi)/200) \cdot \cos((1361\pi)/25000))/8, -$
 $(25\pi \cos((77\pi)/400) \cdot \cos((2723\pi)/50000))/8, -$
 $(25\pi \cos((19\pi)/100) \cdot \cos((681\pi)/12500))/8, -$
 $(25\pi \cos((3\pi)/16) \cdot \cos((109\pi)/2000))/8, -$
 $(25\pi \cos((37\pi)/200) \cdot \cos((1363\pi)/25000))/8, -$
 $(25\pi \cos((73\pi)/400) \cdot \cos((2727\pi)/50000))/8, -$
 $(25\pi \cos((9\pi)/50) \cdot \cos((341\pi)/6250))/8, -$
 $(25\pi \cos((71\pi)/400) \cdot \cos((2729\pi)/50000))/8, -$
 $(25\pi \cos((7\pi)/40) \cdot \cos((273\pi)/5000))/8, -$
 $(25\pi \cos((69\pi)/400) \cdot \cos((2731\pi)/50000))/8, -$
 $(25\pi \cos((17\pi)/100) \cdot \cos((683\pi)/12500))/8, -$
 $(25\pi \cos((67\pi)/400) \cdot \cos((2733\pi)/50000))/8, -$
 $(25\pi \cos((33\pi)/200) \cdot \cos((1367\pi)/25000))/8, -$
 $(25\pi \cos((13\pi)/80) \cdot \cos((547\pi)/10000))/8, -$
 $(25\pi \cos((4\pi)/25) \cdot \cos((171\pi)/3125))/8, -$
 $(25\pi \cos((63\pi)/400) \cdot \cos((2737\pi)/50000))/8, -$
 $(25\pi \cos((31\pi)/200) \cdot \cos((1369\pi)/25000))/8, - (25\pi \cos((61\pi)$
 $400) \cdot \cos((2739\pi)/50000))/8, - (25\pi \cos((3\pi)/20) \cdot \cos((137\pi)/2500))/8, -$
 $(25\pi \cos((59\pi)/400) \cdot \cos((2741\pi)/50000))/8, -$
 $(25\pi \cos((29\pi)/200) \cdot \cos((1371\pi)/25000))/8, -$
 $(25\pi \cos((57\pi)/400) \cdot \cos((2743\pi)/50000))/8, -$
 $(25\pi \cos((7\pi)/50) \cdot \cos((343\pi)/6250))/8, -$
 $(25\pi \cos((11\pi)/80) \cdot \cos((549\pi)/10000))/8, -$
 $(25\pi \cos((27\pi)/200) \cdot \cos((1373\pi)/25000))/8, -$
 $(25\pi \cos((53\pi)/400) \cdot \cos((2747\pi)/50000))/8, -$
 $(25\pi \cos((13\pi)/100) \cdot \cos((687\pi)/12500))/8, -$
 $(25\pi \cos((51\pi)/400) \cdot \cos((2749\pi)/50000))/8, - (25\pi \cos((11\pi)/200) \cdot (2^{1/2}$
 $+ 2)^{1/2})/16, - (25\pi \cos((49\pi)/400) \cdot \cos((2751\pi)/50000))/8, -$
 $(25\pi \cos((3\pi)/25) \cdot \cos((172\pi)/3125))/8, -$
 $(25\pi \cos((47\pi)/400) \cdot \cos((2753\pi)/50000))/8, -$
 $(25\pi \cos((23\pi)/200) \cdot \cos((1377\pi)/25000))/8, -$
 $(25\pi \cos((9\pi)/80) \cdot \cos((551\pi)/10000))/8, -$
 $(25\pi \cos((11\pi)/100) \cdot \cos((689\pi)/12500))/8, -$
 $(25\pi \cos((43\pi)/400) \cdot \cos((2757\pi)/50000))/8, -$
 $(25\pi \cos((21\pi)/200) \cdot \cos((1379\pi)/25000))/8, -$
 $(25\pi \cos((41\pi)/400) \cdot \cos((2759\pi)/50000))/8, -$
 $(25 \cdot 2^{1/2}) \cdot \pi \cos((69\pi)/1250) \cdot (5^{1/2} + 5)^{1/2}/32, -$
 $(25\pi \cos((39\pi)/400) \cdot \cos((2761\pi)/50000))/8, -$
 $(25\pi \cos((19\pi)/200) \cdot \cos((1381\pi)/25000))/8, -$
 $(25\pi \cos((37\pi)/400) \cdot \cos((2763\pi)/50000))/8, -$
 $(25\pi \cos((9\pi)/100) \cdot \cos((691\pi)/12500))/8, -$
 $(25\pi \cos((7\pi)/80) \cdot \cos((553\pi)/10000))/8, -$
 $(25\pi \cos((17\pi)/200) \cdot \cos((1383\pi)/25000))/8, -$
 $(25\pi \cos((33\pi)/400) \cdot \cos((2767\pi)/50000))/8, -$
 $(25\pi \cos((2\pi)/25) \cdot \cos((173\pi)/3125))/8, -$

$(25\pi \cos((31\pi)/40) \cos((2769\pi)/50000))/8, -$
 $(25\pi \cos((3\pi)/40) \cos((277\pi)/5000))/8, -$
 $(25\pi \cos((29\pi)/40) \cos((2771\pi)/50000))/8, -$
 $(25\pi \cos((7\pi)/100) \cos((693\pi)/12500))/8, -$
 $(25\pi \cos((27\pi)/40) \cos((2773\pi)/50000))/8, -$
 $(25\pi \cos((13\pi)/200) \cos((1387\pi)/25000))/8, -$
 $(25\pi \cos(\pi/16) \cos((111\pi)/2000))/8, -$
 $(25\pi \cos((3\pi)/50) \cos((347\pi)/6250))/8, -$
 $(25\pi \cos((23\pi)/40) \cos((2777\pi)/50000))/8, -$
 $(25\pi \cos((11\pi)/200) \cos((1389\pi)/25000))/8, -$
 $(25\pi \cos((21\pi)/40) \cos((2779\pi)/50000))/8, -$
 $(25\pi \cos(\pi/20) \cos((139\pi)/2500))/8, -$
 $(25\pi \cos((19\pi)/40) \cos((2781\pi)/50000))/8, -$
 $(25\pi \cos((9\pi)/200) \cos((1391\pi)/25000))/8, -$
 $(25\pi \cos((17\pi)/40) \cos((2783\pi)/50000))/8, -$
 $(25\pi \cos(\pi/25) \cos((174\pi)/3125))/8, -$
 $(25\pi \cos((3\pi)/80) \cos((557\pi)/10000))/8, -$
 $(25\pi \cos((7\pi)/200) \cos((1393\pi)/25000))/8, -$
 $(25\pi \cos((13\pi)/40) \cos((2787\pi)/50000))/8, -$
 $(25\pi \cos((3\pi)/100) \cos((697\pi)/12500))/8, -$
 $(25\pi \cos((11\pi)/40) \cos((2789\pi)/50000))/8, -$
 $(25\pi \cos(\pi/40) \cos((279\pi)/5000))/8, -$
 $(25\pi \cos((9\pi)/40) \cos((2791\pi)/50000))/8, -$
 $(25\pi \cos(\pi/50) \cos((349\pi)/6250))/8, -$
 $(25\pi \cos((7\pi)/40) \cos((2793\pi)/50000))/8, -$
 $(25\pi \cos((3\pi)/200) \cos((1397\pi)/25000))/8, -$
 $(25\pi \cos(\pi/80) \cos((559\pi)/10000))/8, -$
 $(25\pi \cos(\pi/100) \cos((699\pi)/12500))/8, -$
 $(25\pi \cos((3\pi)/40) \cos((2797\pi)/50000))/8, -$
 $(25\pi \cos(\pi/200) \cos((1399\pi)/25000))/8, -$
 $(25\pi \cos(\pi/400) \cos((2799\pi)/50000))/8, - (25\pi \cos((7\pi)/125))/8, -$
 $(25\pi \cos(\pi/400) \cos((2801\pi)/50000))/8, -$
 $(25\pi \cos(\pi/200) \cos((1401\pi)/25000))/8, -$
 $(25\pi \cos((3\pi)/40) \cos((2803\pi)/50000))/8, -$
 $(25\pi \cos(\pi/100) \cos((701\pi)/12500))/8, -$
 $(25\pi \cos(\pi/80) \cos((561\pi)/10000))/8, -$
 $(25\pi \cos((3\pi)/200) \cos((1403\pi)/25000))/8, -$
 $(25\pi \cos((7\pi)/40) \cos((2807\pi)/50000))/8, -$
 $(25\pi \cos(\pi/50) \cos((351\pi)/6250))/8, -$
 $(25\pi \cos((9\pi)/40) \cos((2809\pi)/50000))/8, -$
 $(25\pi \cos(\pi/40) \cos((281\pi)/5000))/8, -$
 $(25\pi \cos((11\pi)/40) \cos((2811\pi)/50000))/8, -$
 $(25\pi \cos((3\pi)/100) \cos((703\pi)/12500))/8, -$
 $(25\pi \cos((13\pi)/40) \cos((2813\pi)/50000))/8, -$
 $(25\pi \cos((7\pi)/200) \cos((1407\pi)/25000))/8, -$
 $(25\pi \cos((3\pi)/80) \cos((563\pi)/10000))/8, - (25\pi \cos(\pi/25) \cos((176\pi)/3125))/8, -$
 $(25\pi \cos((17\pi)/40) \cos((2817\pi)/50000))/8, -$
 $(25\pi \cos((9\pi)/200) \cos((1409\pi)/25000))/8, -$
 $(25\pi \cos((19\pi)/40) \cos((2819\pi)/50000))/8, -$
 $(25\pi \cos(\pi/20) \cos((141\pi)/2500))/8, -$

$(25\pi \cos((21\pi)/400) \cos((2821\pi)/50000))/8, -$
 $(25\pi \cos((11\pi)/200) \cos((1411\pi)/25000))/8, -$
 $(25\pi \cos((23\pi)/400) \cos((2823\pi)/50000))/8, -$
 $(25\pi \cos((3\pi)/50) \cos((353\pi)/6250))/8, - (25\pi \cos(\pi/16) \cos((113\pi)/2000))/8,$
 $-(25\pi \cos((13\pi)/200) \cos((1413\pi)/25000))/8, -$
 $(25\pi \cos((27\pi)/400) \cos((2827\pi)/50000))/8, -$
 $(25\pi \cos((7\pi)/100) \cos((707\pi)/12500))/8, -$
 $(25\pi \cos((29\pi)/400) \cos((2829\pi)/50000))/8, -$
 $(25\pi \cos((3\pi)/40) \cos((283\pi)/5000))/8, -$
 $(25\pi \cos((31\pi)/400) \cos((2831\pi)/50000))/8, -$
 $(25\pi \cos((2\pi)/25) \cos((177\pi)/3125))/8, -$
 $(25\pi \cos((33\pi)/400) \cos((2833\pi)/50000))/8, -$
 $(25\pi \cos((17\pi)/200) \cos((1417\pi)/25000))/8, -$
 $(25\pi \cos((7\pi)/80) \cos((567\pi)/10000))/8, -$
 $(25\pi \cos((9\pi)/100) \cos((709\pi)/12500))/8, -$
 $(25\pi \cos((37\pi)/400) \cos((2837\pi)/50000))/8, -$
 $(25\pi \cos((19\pi)/200) \cos((1419\pi)/25000))/8, -$
 $(25\pi \cos((39\pi)/400) \cos((2839\pi)/50000))/8, -$
 $(25 \cdot 2^{(1/2)} \pi \cos((71\pi)/1250) \cdot (5^{(1/2)} + 5)^{(1/2)})/32, -$
 $(25\pi \cos((41\pi)/400) \cos((2841\pi)/50000))/8, -$
 $(25\pi \cos((21\pi)/200) \cos((1421\pi)/25000))/8, -$
 $(25\pi \cos((43\pi)/400) \cos((2843\pi)/50000))/8, -$
 $(25\pi \cos((11\pi)/100) \cos((711\pi)/12500))/8, -$
 $(25\pi \cos((9\pi)/80) \cos((569\pi)/10000))/8, -$
 $(25\pi \cos((23\pi)/200) \cos((1423\pi)/25000))/8, -$
 $(25\pi \cos((47\pi)/400) \cos((2847\pi)/50000))/8, -$
 $(25\pi \cos((3\pi)/25) \cos((178\pi)/3125))/8, -$
 $(25\pi \cos((49\pi)/400) \cos((2849\pi)/50000))/8, - (25\pi \cos((57\pi)/1000) \cdot (2^{(1/2)} + 2)^{(1/2)})/16, - (25\pi \cos((51\pi)/400) \cos((2851\pi)/50000))/8, -$
 $(25\pi \cos((13\pi)/100) \cos((713\pi)/12500))/8, -$
 $(25\pi \cos((53\pi)/400) \cos((2853\pi)/50000))/8, -$
 $(25\pi \cos((27\pi)/200) \cos((1427\pi)/25000))/8, -$
 $(25\pi \cos((11\pi)/80) \cos((571\pi)/10000))/8, -$
 $(25\pi \cos((7\pi)/50) \cos((357\pi)/6250))/8, -$
 $(25\pi \cos((57\pi)/400) \cos((2857\pi)/50000))/8, -$
 $(25\pi \cos((29\pi)/200) \cos((1429\pi)/25000))/8, -$
 $(25\pi \cos((59\pi)/400) \cos((2859\pi)/50000))/8, -$
 $(25\pi \cos((3\pi)/20) \cos((143\pi)/2500))/8, -$
 $(25\pi \cos((61\pi)/400) \cos((2861\pi)/50000))/8, -$
 $(25\pi \cos((31\pi)/200) \cos((1431\pi)/25000))/8, -$
 $(25\pi \cos((63\pi)/400) \cos((2863\pi)/50000))/8, -$
 $(25\pi \cos((4\pi)/25) \cos((179\pi)/3125))/8, -$
 $(25\pi \cos((13\pi)/80) \cos((573\pi)/10000))/8, -$
 $(25\pi \cos((33\pi)/200) \cos((1433\pi)/25000))/8, -$
 $(25\pi \cos((67\pi)/400) \cos((2867\pi)/50000))/8, -$
 $(25\pi \cos((17\pi)/100) \cos((717\pi)/12500))/8, -$
 $(25\pi \cos((69\pi)/400) \cos((2869\pi)/50000))/8, -$
 $(25\pi \cos((7\pi)/40) \cos((287\pi)/5000))/8, -$
 $(25\pi \cos((71\pi)/400) \cos((2871\pi)/50000))/8, -$
 $(25\pi \cos((9\pi)/50) \cos((359\pi)/6250))/8, -$
 $(25\pi \cos((73\pi)/400) \cos((2873\pi)/50000))/8, -$

$(25\pi \cos((37\pi)/200) \cos((1437\pi)/25000))/8, -$
 $(25\pi \cos((3\pi)/16) \cos((23\pi)/400))/8, -$
 $(25\pi \cos((19\pi)/100) \cos((719\pi)/12500))/8, -$
 $(25\pi \cos((77\pi)/400) \cos((2877\pi)/50000))/8, -$
 $(25\pi \cos((39\pi)/200) \cos((1439\pi)/25000))/8, -$
 $(25\pi \cos((79\pi)/400) \cos((2879\pi)/50000))/8, - (25\pi \cos((36\pi)/625) * (5^{(1/2)}/4 +$
 $1/4))/8, - (25\pi \cos((81\pi)/400) \cos((2881\pi)/50000))/8, -$
 $(25\pi \cos((41\pi)/200) \cos((1441\pi)/25000))/8, -$
 $(25\pi \cos((83\pi)/400) \cos((2883\pi)/50000))/8, -$
 $(25\pi \cos((21\pi)/100) \cos((721\pi)/12500))/8, -$
 $(25\pi \cos((17\pi)/80) \cos((577\pi)/10000))/8, -$
 $(25\pi \cos((43\pi)/200) \cos((1443\pi)/25000))/8, -$
 $(25\pi \cos((87\pi)/400) \cos((2887\pi)/50000))/8, -$
 $(25\pi \cos((11\pi)/50) \cos((361\pi)/6250))/8, -$
 $(25\pi \cos((89\pi)/400) \cos((2889\pi)/50000))/8, -$
 $(25\pi \cos((9\pi)/40) \cos((289\pi)/5000))/8, -$
 $(25\pi \cos((91\pi)/400) \cos((2891\pi)/50000))/8, -$
 $(25\pi \cos((23\pi)/100) \cos((723\pi)/12500))/8, -$
 $(25\pi \cos((93\pi)/400) \cos((2893\pi)/50000))/8, -$
 $(25\pi \cos((47\pi)/200) \cos((1447\pi)/25000))/8, -$
 $(25\pi \cos((19\pi)/80) \cos((579\pi)/10000))/8, -$
 $(25\pi \cos((6\pi)/25) \cos((181\pi)/3125))/8, -$
 $(25\pi \cos((97\pi)/400) \cos((2897\pi)/50000))/8, -$
 $(25\pi \cos((49\pi)/200) \cos((1449\pi)/25000))/8, -$
 $(25\pi \cos((99\pi)/400) \cos((2899\pi)/50000))/8, - (25*2^{(1/2)} * \pi \cos((29\pi)/500))/16,$
 $- (25\pi \cos((101\pi)/400) \cos((2901\pi)/50000))/8, -$
 $(25\pi \cos((51\pi)/200) \cos((1451\pi)/25000))/8, -$
 $(25\pi \cos((103\pi)/400) \cos((2903\pi)/50000))/8, -$
 $(25\pi \cos((13\pi)/50) \cos((363\pi)/6250))/8, -$
 $(25\pi \cos((21\pi)/80) \cos((581\pi)/10000))/8, -$
 $(25\pi \cos((53\pi)/200) \cos((1453\pi)/25000))/8, -$
 $(25\pi \cos((107\pi)/400) \cos((2907\pi)/50000))/8, -$
 $(25\pi \cos((27\pi)/100) \cos((727\pi)/12500))/8, -$
 $(25\pi \cos((109\pi)/400) \cos((2909\pi)/50000))/8, -$
 $(25\pi \cos((11\pi)/40) \cos((291\pi)/5000))/8, -$
 $(25\pi \cos((111\pi)/400) \cos((2911\pi)/50000))/8, -$
 $(25\pi \cos((7\pi)/25) \cos((182\pi)/3125))/8, -$
 $(25\pi \cos((113\pi)/400) \cos((2913\pi)/50000))/8, -$
 $(25\pi \cos((57\pi)/200) \cos((1457\pi)/25000))/8, -$
 $(25\pi \cos((23\pi)/80) \cos((583\pi)/10000))/8, -$
 $(25\pi \cos((29\pi)/100) \cos((729\pi)/12500))/8, -$
 $(25\pi \cos((117\pi)/400) \cos((2917\pi)/50000))/8, -$
 $(25\pi \cos((59\pi)/200) \cos((1459\pi)/25000))/8, -$
 $(25\pi \cos((119\pi)/400) \cos((2919\pi)/50000))/8, - (25*2^{(1/2)} * \pi \cos((73\pi)/1250) * (5$
 $- 5^{(1/2)})^{(1/2)})/32, - (25\pi \cos((121\pi)/400) \cos((2921\pi)/50000))/8, -$
 $(25\pi \cos((61\pi)/200) \cos((1461\pi)/25000))/8, -$
 $(25\pi \cos((123\pi)/400) \cos((2923\pi)/50000))/8, -$
 $(25\pi \cos((31\pi)/100) \cos((731\pi)/12500))/8, -$
 $(25\pi \cos((5\pi)/16) \cos((117\pi)/2000))/8, -$
 $(25\pi \cos((63\pi)/200) \cos((1463\pi)/25000))/8, -$
 $(25\pi \cos((127\pi)/400) \cos((2927\pi)/50000))/8, -$

$(25\pi \cos((8\pi)/25) \cos((183\pi)/3125))/8, -$
 $(25\pi \cos((129\pi)/400) \cos((2929\pi)/50000))/8, -$
 $(25\pi \cos((13\pi)/40) \cos((293\pi)/5000))/8, -$
 $(25\pi \cos((131\pi)/400) \cos((2931\pi)/50000))/8, -$
 $(25\pi \cos((33\pi)/100) \cos((733\pi)/12500))/8, -$
 $(25\pi \cos((133\pi)/400) \cos((2933\pi)/50000))/8, -$
 $(25\pi \cos((67\pi)/200) \cos((1467\pi)/25000))/8, -$
 $(25\pi \cos((27\pi)/80) \cos((587\pi)/10000))/8, -$
 $(25\pi \cos((17\pi)/50) \cos((367\pi)/6250))/8, -$
 $(25\pi \cos((137\pi)/400) \cos((2937\pi)/50000))/8, -$
 $(25\pi \cos((69\pi)/200) \cos((1469\pi)/25000))/8, -$
 $(25\pi \cos((139\pi)/400) \cos((2939\pi)/50000))/8, -$
 $(25\pi \cos((7\pi)/20) \cos((147\pi)/2500))/8, -$
 $(25\pi \cos((141\pi)/400) \cos((2941\pi)/50000))/8, -$
 $(25\pi \cos((71\pi)/200) \cos((1471\pi)/25000))/8, -$
 $(25\pi \cos((143\pi)/400) \cos((2943\pi)/50000))/8, -$
 $(25\pi \cos((9\pi)/25) \cos((184\pi)/3125))/8, -$
 $(25\pi \cos((29\pi)/80) \cos((589\pi)/10000))/8, -$
 $(25\pi \cos((73\pi)/200) \cos((1473\pi)/25000))/8, -$
 $(25\pi \cos((147\pi)/400) \cos((2947\pi)/50000))/8, -$
 $(25\pi \cos((37\pi)/100) \cos((737\pi)/12500))/8, -$
 $(25\pi \cos((149\pi)/400) \cos((2949\pi)/50000))/8, - (25\pi \cos((59\pi)/1000) * (2 -$
 $2^{(1/2)})^{(1/2)})/16, - (25\pi \cos((151\pi)/400) \cos((2951\pi)/50000))/8, -$
 $(25\pi \cos((19\pi)/50) \cos((369\pi)/6250))/8, -$
 $(25\pi \cos((153\pi)/400) \cos((2953\pi)/50000))/8, -$
 $(25\pi \cos((77\pi)/200) \cos((1477\pi)/25000))/8, -$
 $(25\pi \cos((31\pi)/80) \cos((591\pi)/10000))/8, -$
 $(25\pi \cos((39\pi)/100) \cos((739\pi)/12500))/8, -$
 $(25\pi \cos((157\pi)/400) \cos((2957\pi)/50000))/8, -$
 $(25\pi \cos((79\pi)/200) \cos((1479\pi)/25000))/8, -$
 $(25\pi \cos((159\pi)/400) \cos((2959\pi)/50000))/8, - (25\pi \cos((37\pi)/625) * (5^{(1/2)}/4 -$
 $1/4))/8, - (25\pi \cos((161\pi)/400) \cos((2961\pi)/50000))/8, -$
 $(25\pi \cos((81\pi)/200) \cos((1481\pi)/25000))/8, -$
 $(25\pi \cos((163\pi)/400) \cos((2963\pi)/50000))/8, -$
 $(25\pi \cos((41\pi)/100) \cos((741\pi)/12500))/8, -$
 $(25\pi \cos((33\pi)/80) \cos((593\pi)/10000))/8, -$
 $(25\pi \cos((83\pi)/200) \cos((1483\pi)/25000))/8, -$
 $(25\pi \cos((167\pi)/400) \cos((2967\pi)/50000))/8, -$
 $(25\pi \cos((21\pi)/50) \cos((371\pi)/6250))/8, -$
 $(25\pi \cos((169\pi)/400) \cos((2969\pi)/50000))/8, -$
 $(25\pi \cos((17\pi)/40) \cos((297\pi)/5000))/8, -$
 $(25\pi \cos((171\pi)/400) \cos((2971\pi)/50000))/8, -$
 $(25\pi \cos((43\pi)/100) \cos((743\pi)/12500))/8, -$
 $(25\pi \cos((173\pi)/400) \cos((2973\pi)/50000))/8, -$
 $(25\pi \cos((87\pi)/200) \cos((1487\pi)/25000))/8, -$
 $(25\pi \cos((7\pi)/16) \cos((119\pi)/2000))/8, -$
 $(25\pi \cos((11\pi)/25) \cos((186\pi)/3125))/8, -$
 $(25\pi \cos((177\pi)/400) \cos((2977\pi)/50000))/8, -$
 $(25\pi \cos((89\pi)/200) \cos((1489\pi)/25000))/8, -$
 $(25\pi \cos((179\pi)/400) \cos((2979\pi)/50000))/8, -$
 $(25\pi \cos((9\pi)/20) \cos((149\pi)/2500))/8, -$

(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,

$(25\pi \cos((167\pi)/400) \cos((3033\pi)/50000))/8,$
 $(25\pi \cos((83\pi)/200) \cos((1517\pi)/25000))/8,$
 $(25\pi \cos((33\pi)/80) \cos((607\pi)/10000))/8,$
 $(25\pi \cos((41\pi)/100) \cos((759\pi)/12500))/8,$
 $(25\pi \cos((163\pi)/400) \cos((3037\pi)/50000))/8,$
 $(25\pi \cos((81\pi)/200) \cos((1519\pi)/25000))/8,$
 $(25\pi \cos((161\pi)/400) \cos((3039\pi)/50000))/8, (25\pi \cos((38\pi)/625) * (5^{(1/2)}/4 - 1/4))/8,$
 $(25\pi \cos((159\pi)/400) \cos((3041\pi)/50000))/8,$
 $(25\pi \cos((79\pi)/200) \cos((1521\pi)/25000))/8,$
 $(25\pi \cos((157\pi)/400) \cos((3043\pi)/50000))/8,$
 $(25\pi \cos((39\pi)/100) \cos((761\pi)/12500))/8,$
 $(25\pi \cos((31\pi)/80) \cos((609\pi)/10000))/8,$
 $(25\pi \cos((77\pi)/200) \cos((1523\pi)/25000))/8,$
 $(25\pi \cos((153\pi)/400) \cos((3047\pi)/50000))/8,$
 $(25\pi \cos((19\pi)/50) \cos((381\pi)/6250))/8,$
 $(25\pi \cos((151\pi)/400) \cos((3049\pi)/50000))/8, (25\pi \cos((61\pi)/1000) * (2 - 2^{(1/2)})^{(1/2)})/16,$
 $(25\pi \cos((149\pi)/400) \cos((3051\pi)/50000))/8,$
 $(25\pi \cos((37\pi)/100) \cos((763\pi)/12500))/8,$
 $(25\pi \cos((147\pi)/400) \cos((3053\pi)/50000))/8,$
 $(25\pi \cos((73\pi)/200) \cos((1527\pi)/25000))/8,$
 $(25\pi \cos((29\pi)/80) \cos((611\pi)/10000))/8,$
 $(25\pi \cos((9\pi)/25) \cos((191\pi)/3125))/8,$
 $(25\pi \cos((143\pi)/400) \cos((3057\pi)/50000))/8,$
 $(25\pi \cos((71\pi)/200) \cos((1529\pi)/25000))/8,$
 $(25\pi \cos((141\pi)/400) \cos((3059\pi)/50000))/8,$
 $(25\pi \cos((7\pi)/20) \cos((153\pi)/2500))/8,$
 $(25\pi \cos((139\pi)/400) \cos((3061\pi)/50000))/8,$
 $(25\pi \cos((69\pi)/200) \cos((1531\pi)/25000))/8,$
 $(25\pi \cos((137\pi)/400) \cos((3063\pi)/50000))/8,$
 $(25\pi \cos((17\pi)/50) \cos((383\pi)/6250))/8,$
 $(25\pi \cos((27\pi)/80) \cos((613\pi)/10000))/8,$
 $(25\pi \cos((67\pi)/200) \cos((1533\pi)/25000))/8,$
 $(25\pi \cos((133\pi)/400) \cos((3067\pi)/50000))/8,$
 $(25\pi \cos((33\pi)/100) \cos((767\pi)/12500))/8,$
 $(25\pi \cos((131\pi)/400) \cos((3069\pi)/50000))/8,$
 $(25\pi \cos((13\pi)/40) \cos((307\pi)/5000))/8,$
 $(25\pi \cos((129\pi)/400) \cos((3071\pi)/50000))/8,$
 $(25\pi \cos((8\pi)/25) \cos((192\pi)/3125))/8,$
 $(25\pi \cos((127\pi)/400) \cos((3073\pi)/50000))/8,$
 $(25\pi \cos((63\pi)/200) \cos((1537\pi)/25000))/8,$
 $(25\pi \cos((5\pi)/16) \cos((123\pi)/2000))/8,$
 $(25\pi \cos((31\pi)/100) \cos((769\pi)/12500))/8,$
 $(25\pi \cos((123\pi)/400) \cos((3077\pi)/50000))/8,$
 $(25\pi \cos((61\pi)/200) \cos((1539\pi)/25000))/8,$
 $(25\pi \cos((121\pi)/400) \cos((3079\pi)/50000))/8, (25 * 2^{(1/2)} * \pi \cos((77\pi)/1250) * (5 - 5^{(1/2)})^{(1/2)})/32,$
 $(25\pi \cos((119\pi)/400) \cos((3081\pi)/50000))/8,$
 $(25\pi \cos((59\pi)/200) \cos((1541\pi)/25000))/8,$
 $(25\pi \cos((117\pi)/400) \cos((3083\pi)/50000))/8,$
 $(25\pi \cos((29\pi)/100) \cos((771\pi)/12500))/8,$
 $(25\pi \cos((23\pi)/80) \cos((617\pi)/10000))/8,$
 $(25\pi \cos((57\pi)/200) \cos((1543\pi)/25000))/8,$

$(25\pi \cos((113\pi)/400) \cos((3087\pi)/50000))/8,$
 $(25\pi \cos((7\pi)/25) \cos((193\pi)/3125))/8,$
 $(25\pi \cos((111\pi)/400) \cos((3089\pi)/50000))/8,$
 $(25\pi \cos((11\pi)/40) \cos((309\pi)/5000))/8,$
 $(25\pi \cos((109\pi)/400) \cos((3091\pi)/50000))/8,$
 $(25\pi \cos((27\pi)/100) \cos((773\pi)/12500))/8,$
 $(25\pi \cos((107\pi)/400) \cos((3093\pi)/50000))/8,$
 $(25\pi \cos((53\pi)/200) \cos((1547\pi)/25000))/8,$
 $(25\pi \cos((21\pi)/80) \cos((619\pi)/10000))/8,$
 $(25\pi \cos((13\pi)/50) \cos((387\pi)/6250))/8,$
 $(25\pi \cos((103\pi)/400) \cos((3097\pi)/50000))/8,$
 $(25\pi \cos((51\pi)/200) \cos((1549\pi)/25000))/8,$
 $(25\pi \cos((101\pi)/400) \cos((3099\pi)/50000))/8, (25 \cdot 2^{(1/2)} \pi \cos((31\pi)/500))/16,$
 $(25\pi \cos((99\pi)/400) \cos((3101\pi)/50000))/8,$
 $(25\pi \cos((49\pi)/200) \cos((1551\pi)/25000))/8,$
 $(25\pi \cos((97\pi)/400) \cos((3103\pi)/50000))/8,$
 $(25\pi \cos((6\pi)/25) \cos((194\pi)/3125))/8,$
 $(25\pi \cos((19\pi)/80) \cos((621\pi)/10000))/8,$
 $(25\pi \cos((47\pi)/200) \cos((1553\pi)/25000))/8,$
 $(25\pi \cos((93\pi)/400) \cos((3107\pi)/50000))/8,$
 $(25\pi \cos((23\pi)/100) \cos((777\pi)/12500))/8,$
 $(25\pi \cos((91\pi)/400) \cos((3109\pi)/50000))/8,$
 $(25\pi \cos((9\pi)/40) \cos((311\pi)/5000))/8,$
 $(25\pi \cos((89\pi)/400) \cos((3111\pi)/50000))/8,$
 $(25\pi \cos((11\pi)/50) \cos((389\pi)/6250))/8,$
 $(25\pi \cos((87\pi)/400) \cos((3113\pi)/50000))/8,$
 $(25\pi \cos((43\pi)/200) \cos((1557\pi)/25000))/8,$
 $(25\pi \cos((17\pi)/80) \cos((623\pi)/10000))/8,$
 $(25\pi \cos((21\pi)/100) \cos((779\pi)/12500))/8,$
 $(25\pi \cos((83\pi)/400) \cos((3117\pi)/50000))/8,$
 $(25\pi \cos((41\pi)/200) \cos((1559\pi)/25000))/8,$
 $(25\pi \cos((81\pi)/400) \cos((3119\pi)/50000))/8, (25\pi \cos((39\pi)/625) \cdot (5^{(1/2)}/4 + 1/4))/8,$
 $(25\pi \cos((79\pi)/400) \cos((3121\pi)/50000))/8,$
 $(25\pi \cos((39\pi)/200) \cos((1561\pi)/25000))/8,$
 $(25\pi \cos((77\pi)/400) \cos((3123\pi)/50000))/8,$
 $(25\pi \cos((19\pi)/100) \cos((781\pi)/12500))/8, (25\pi \cos(\pi/16) \cos((3\pi)/16))/8,$
 $(25\pi \cos((37\pi)/200) \cos((1563\pi)/25000))/8,$
 $(25\pi \cos((73\pi)/400) \cos((3127\pi)/50000))/8,$
 $(25\pi \cos((9\pi)/50) \cos((391\pi)/6250))/8,$
 $(25\pi \cos((71\pi)/400) \cos((3129\pi)/50000))/8,$
 $(25\pi \cos((7\pi)/40) \cos((313\pi)/5000))/8,$
 $(25\pi \cos((69\pi)/400) \cos((3131\pi)/50000))/8,$
 $(25\pi \cos((17\pi)/100) \cos((783\pi)/12500))/8,$
 $(25\pi \cos((67\pi)/400) \cos((3133\pi)/50000))/8,$
 $(25\pi \cos((33\pi)/200) \cos((1567\pi)/25000))/8,$
 $(25\pi \cos((13\pi)/80) \cos((627\pi)/10000))/8,$
 $(25\pi \cos((4\pi)/25) \cos((196\pi)/3125))/8,$
 $(25\pi \cos((63\pi)/400) \cos((3137\pi)/50000))/8,$
 $(25\pi \cos((31\pi)/200) \cos((1569\pi)/25000))/8,$
 $(25\pi \cos((61\pi)/400) \cos((3139\pi)/50000))/8,$
 $(25\pi \cos((3\pi)/20) \cos((157\pi)/2500))/8,$

$(25\pi \cos((59\pi)/400) \cos((3141\pi)/50000))/8,$
 $(25\pi \cos((29\pi)/200) \cos((1571\pi)/25000))/8,$
 $(25\pi \cos((57\pi)/400) \cos((3143\pi)/50000))/8,$
 $(25\pi \cos((7\pi)/50) \cos((393\pi)/6250))/8,$
 $(25\pi \cos((11\pi)/80) \cos((629\pi)/10000))/8,$
 $(25\pi \cos((27\pi)/200) \cos((1573\pi)/25000))/8,$
 $(25\pi \cos((53\pi)/400) \cos((3147\pi)/50000))/8,$
 $(25\pi \cos((13\pi)/100) \cos((787\pi)/12500))/8,$
 $(25\pi \cos((51\pi)/400) \cos((3149\pi)/50000))/8, (25\pi \cos((63\pi)/1000) * (2^{(1/2)} + 2)^{(1/2)})/16,$
 $(25\pi \cos((49\pi)/400) \cos((3151\pi)/50000))/8,$
 $(25\pi \cos((3\pi)/25) \cos((197\pi)/3125))/8,$
 $(25\pi \cos((47\pi)/400) \cos((3153\pi)/50000))/8,$
 $(25\pi \cos((23\pi)/200) \cos((1577\pi)/25000))/8,$
 $(25\pi \cos((9\pi)/80) \cos((631\pi)/10000))/8,$
 $(25\pi \cos((11\pi)/100) \cos((789\pi)/12500))/8,$
 $(25\pi \cos((43\pi)/400) \cos((3157\pi)/50000))/8,$
 $(25\pi \cos((21\pi)/200) \cos((1579\pi)/25000))/8,$
 $(25\pi \cos((41\pi)/400) \cos((3159\pi)/50000))/8,$
 $(25 * 2^{(1/2)} * \pi \cos((79\pi)/1250) * (5^{(1/2)} + 5)^{(1/2)})/32,$
 $(25\pi \cos((39\pi)/400) \cos((3161\pi)/50000))/8,$
 $(25\pi \cos((19\pi)/200) \cos((1581\pi)/25000))/8,$
 $(25\pi \cos((37\pi)/400) \cos((3163\pi)/50000))/8,$
 $(25\pi \cos((9\pi)/100) \cos((791\pi)/12500))/8,$
 $(25\pi \cos((7\pi)/80) \cos((633\pi)/10000))/8,$
 $(25\pi \cos((17\pi)/200) \cos((1583\pi)/25000))/8,$
 $(25\pi \cos((33\pi)/400) \cos((3167\pi)/50000))/8,$
 $(25\pi \cos((2\pi)/25) \cos((198\pi)/3125))/8,$
 $(25\pi \cos((31\pi)/400) \cos((3169\pi)/50000))/8,$
 $(25\pi \cos((3\pi)/40) \cos((317\pi)/5000))/8,$
 $(25\pi \cos((29\pi)/400) \cos((3171\pi)/50000))/8,$
 $(25\pi \cos((7\pi)/100) \cos((793\pi)/12500))/8,$
 $(25\pi \cos((27\pi)/400) \cos((3173\pi)/50000))/8,$
 $(25\pi \cos((13\pi)/200) \cos((1587\pi)/25000))/8,$
 $(25\pi \cos(\pi/16) \cos((127\pi)/2000))/8, (25\pi \cos((3\pi)/50) \cos((397\pi)/6250))/8,$
 $(25\pi \cos((23\pi)/400) \cos((3177\pi)/50000))/8,$
 $(25\pi \cos((11\pi)/200) \cos((1589\pi)/25000))/8,$
 $(25\pi \cos((21\pi)/400) \cos((3179\pi)/50000))/8,$
 $(25\pi \cos(\pi/20) \cos((159\pi)/2500))/8,$
 $(25\pi \cos((19\pi)/400) \cos((3181\pi)/50000))/8,$
 $(25\pi \cos((9\pi)/200) \cos((1591\pi)/25000))/8,$
 $(25\pi \cos((17\pi)/400) \cos((3183\pi)/50000))/8,$
 $(25\pi \cos(\pi/25) \cos((199\pi)/3125))/8, (25\pi \cos((3\pi)/80) \cos((637\pi)/10000))/8,$
 $(25\pi \cos((7\pi)/200) \cos((1593\pi)/25000))/8,$
 $(25\pi \cos((13\pi)/400) \cos((3187\pi)/50000))/8,$
 $(25\pi \cos((3\pi)/100) \cos((797\pi)/12500))/8,$
 $(25\pi \cos((11\pi)/400) \cos((3189\pi)/50000))/8,$
 $(25\pi \cos(\pi/40) \cos((319\pi)/5000))/8,$
 $(25\pi \cos((9\pi)/400) \cos((3191\pi)/50000))/8,$
 $(25\pi \cos(\pi/50) \cos((399\pi)/6250))/8,$
 $(25\pi \cos((7\pi)/400) \cos((3193\pi)/50000))/8,$
 $(25\pi \cos((3\pi)/200) \cos((1597\pi)/25000))/8,$

$(25\pi \cos(\pi/80) \cos((639\pi)/10000))/8$, $(25\pi \cos(\pi/100) \cos((799\pi)/12500))/8$,
 $(25\pi \cos((3\pi)/400) \cos((3197\pi)/50000))/8$,
 $(25\pi \cos(\pi/200) \cos((1599\pi)/25000))/8$, $(25\pi \cos(\pi/400) \cos((3199\pi)/50000))/8$,
 $(25\pi \cos((8\pi)/125))/8$, $(25\pi \cos(\pi/400) \cos((3201\pi)/50000))/8$,
 $(25\pi \cos(\pi/200) \cos((1601\pi)/25000))/8$,
 $(25\pi \cos((3\pi)/400) \cos((3203\pi)/50000))/8$,
 $(25\pi \cos(\pi/100) \cos((801\pi)/12500))/8$, $(25\pi \cos(\pi/80) \cos((641\pi)/10000))/8$,
 $(25\pi \cos((3\pi)/200) \cos((1603\pi)/25000))/8$,
 $(25\pi \cos((7\pi)/400) \cos((3207\pi)/50000))/8$,
 $(25\pi \cos(\pi/50) \cos((401\pi)/6250))/8$,
 $(25\pi \cos((9\pi)/400) \cos((3209\pi)/50000))/8$,
 $(25\pi \cos(\pi/40) \cos((321\pi)/5000))/8$,
 $(25\pi \cos((11\pi)/400) \cos((3211\pi)/50000))/8$,
 $(25\pi \cos((3\pi)/100) \cos((803\pi)/12500))/8$,
 $(25\pi \cos((13\pi)/400) \cos((3213\pi)/50000))/8$,
 $(25\pi \cos((7\pi)/200) \cos((1607\pi)/25000))/8$,
 $(25\pi \cos((3\pi)/80) \cos((643\pi)/10000))/8$, $(25\pi \cos(\pi/25) \cos((201\pi)/3125))/8$,
 $(25\pi \cos((17\pi)/400) \cos((3217\pi)/50000))/8$,
 $(25\pi \cos((9\pi)/200) \cos((1609\pi)/25000))/8$,
 $(25\pi \cos((19\pi)/400) \cos((3219\pi)/50000))/8$,
 $(25\pi \cos(\pi/20) \cos((161\pi)/2500))/8$,
 $(25\pi \cos((21\pi)/400) \cos((3221\pi)/50000))/8$,
 $(25\pi \cos((11\pi)/200) \cos((1611\pi)/25000))/8$,
 $(25\pi \cos((23\pi)/400) \cos((3223\pi)/50000))/8$,
 $(25\pi \cos((3\pi)/50) \cos((403\pi)/6250))/8$, $(25\pi \cos(\pi/16) \cos((129\pi)/2000))/8$,
 $(25\pi \cos((13\pi)/200) \cos((1613\pi)/25000))/8$,
 $(25\pi \cos((27\pi)/400) \cos((3227\pi)/50000))/8$,
 $(25\pi \cos((7\pi)/100) \cos((807\pi)/12500))/8$,
 $(25\pi \cos((29\pi)/400) \cos((3229\pi)/50000))/8$,
 $(25\pi \cos((3\pi)/40) \cos((323\pi)/5000))/8$,
 $(25\pi \cos((31\pi)/400) \cos((3231\pi)/50000))/8$,
 $(25\pi \cos((2\pi)/25) \cos((202\pi)/3125))/8$,
 $(25\pi \cos((33\pi)/400) \cos((3233\pi)/50000))/8$,
 $(25\pi \cos((17\pi)/200) \cos((1617\pi)/25000))/8$,
 $(25\pi \cos((7\pi)/80) \cos((647\pi)/10000))/8$,
 $(25\pi \cos((9\pi)/100) \cos((809\pi)/12500))/8$,
 $(25\pi \cos((37\pi)/400) \cos((3237\pi)/50000))/8$,
 $(25\pi \cos((19\pi)/200) \cos((1619\pi)/25000))/8$,
 $(25\pi \cos((39\pi)/400) \cos((3239\pi)/50000))/8$,
 $(25 \cdot 2^{(1/2)} \pi \cos((81\pi)/1250) \cdot (5^{(1/2)} + 5)^{(1/2)})/32$,
 $(25\pi \cos((41\pi)/400) \cos((3241\pi)/50000))/8$,
 $(25\pi \cos((21\pi)/200) \cos((1621\pi)/25000))/8$,
 $(25\pi \cos((43\pi)/400) \cos((3243\pi)/50000))/8$,
 $(25\pi \cos((11\pi)/100) \cos((811\pi)/12500))/8$,
 $(25\pi \cos((9\pi)/80) \cos((649\pi)/10000))/8$,
 $(25\pi \cos((23\pi)/200) \cos((1623\pi)/25000))/8$,
 $(25\pi \cos((47\pi)/400) \cos((3247\pi)/50000))/8$,
 $(25\pi \cos((3\pi)/25) \cos((203\pi)/3125))/8$,
 $(25\pi \cos((49\pi)/400) \cos((3249\pi)/50000))/8$, $(25\pi \cos((13\pi)/200) \cdot (2^{(1/2)} + 2)^{(1/2)})/16$, $(25\pi \cos((51\pi)/400) \cos((3251\pi)/50000))/8$,
 $(25\pi \cos((13\pi)/100) \cos((813\pi)/12500))/8$,

$(25\pi \cos((53\pi)/400) \cos((3253\pi)/50000))/8,$
 $(25\pi \cos((27\pi)/200) \cos((1627\pi)/25000))/8,$
 $(25\pi \cos((11\pi)/80) \cos((651\pi)/10000))/8,$
 $(25\pi \cos((7\pi)/50) \cos((407\pi)/6250))/8,$
 $(25\pi \cos((57\pi)/400) \cos((3257\pi)/50000))/8,$
 $(25\pi \cos((29\pi)/200) \cos((1629\pi)/25000))/8,$
 $(25\pi \cos((59\pi)/400) \cos((3259\pi)/50000))/8,$
 $(25\pi \cos((3\pi)/20) \cos((163\pi)/2500))/8,$
 $(25\pi \cos((61\pi)/400) \cos((3261\pi)/50000))/8,$
 $(25\pi \cos((31\pi)/200) \cos((1631\pi)/25000))/8,$
 $(25\pi \cos((63\pi)/400) \cos((3263\pi)/50000))/8,$
 $(25\pi \cos((4\pi)/25) \cos((204\pi)/3125))/8,$
 $(25\pi \cos((13\pi)/80) \cos((653\pi)/10000))/8,$
 $(25\pi \cos((33\pi)/200) \cos((1633\pi)/25000))/8,$
 $(25\pi \cos((67\pi)/400) \cos((3267\pi)/50000))/8,$
 $(25\pi \cos((17\pi)/100) \cos((817\pi)/12500))/8,$
 $(25\pi \cos((69\pi)/400) \cos((3269\pi)/50000))/8,$
 $(25\pi \cos((7\pi)/40) \cos((327\pi)/5000))/8,$
 $(25\pi \cos((71\pi)/400) \cos((3271\pi)/50000))/8,$
 $(25\pi \cos((9\pi)/50) \cos((409\pi)/6250))/8,$
 $(25\pi \cos((73\pi)/400) \cos((3273\pi)/50000))/8,$
 $(25\pi \cos((37\pi)/200) \cos((1637\pi)/25000))/8,$
 $(25\pi \cos((3\pi)/16) \cos((131\pi)/2000))/8,$
 $(25\pi \cos((19\pi)/100) \cos((819\pi)/12500))/8,$
 $(25\pi \cos((77\pi)/400) \cos((3277\pi)/50000))/8,$
 $(25\pi \cos((39\pi)/200) \cos((1639\pi)/25000))/8,$
 $(25\pi \cos((79\pi)/400) \cos((3279\pi)/50000))/8, (25\pi \cos((41\pi)/625) * (5^{(1/2)}/4 + 1/4))/8,$
 $(25\pi \cos((81\pi)/400) \cos((3281\pi)/50000))/8,$
 $(25\pi \cos((41\pi)/200) \cos((1641\pi)/25000))/8,$
 $(25\pi \cos((83\pi)/400) \cos((3283\pi)/50000))/8,$
 $(25\pi \cos((21\pi)/100) \cos((821\pi)/12500))/8,$
 $(25\pi \cos((17\pi)/80) \cos((657\pi)/10000))/8,$
 $(25\pi \cos((43\pi)/200) \cos((1643\pi)/25000))/8,$
 $(25\pi \cos((87\pi)/400) \cos((3287\pi)/50000))/8,$
 $(25\pi \cos((11\pi)/50) \cos((411\pi)/6250))/8,$
 $(25\pi \cos((89\pi)/400) \cos((3289\pi)/50000))/8,$
 $(25\pi \cos((9\pi)/40) \cos((329\pi)/5000))/8,$
 $(25\pi \cos((91\pi)/400) \cos((3291\pi)/50000))/8,$
 $(25\pi \cos((23\pi)/100) \cos((823\pi)/12500))/8,$
 $(25\pi \cos((93\pi)/400) \cos((3293\pi)/50000))/8,$
 $(25\pi \cos((47\pi)/200) \cos((1647\pi)/25000))/8,$
 $(25\pi \cos((19\pi)/80) \cos((659\pi)/10000))/8,$
 $(25\pi \cos((6\pi)/25) \cos((206\pi)/3125))/8,$
 $(25\pi \cos((97\pi)/400) \cos((3297\pi)/50000))/8,$
 $(25\pi \cos((49\pi)/200) \cos((1649\pi)/25000))/8,$
 $(25\pi \cos((99\pi)/400) \cos((3299\pi)/50000))/8, (25 * 2^{(1/2)} * \pi * \cos((33\pi)/500))/16,$
 $(25\pi \cos((101\pi)/400) \cos((3301\pi)/50000))/8,$
 $(25\pi \cos((51\pi)/200) \cos((1651\pi)/25000))/8,$
 $(25\pi \cos((103\pi)/400) \cos((3303\pi)/50000))/8,$
 $(25\pi \cos((13\pi)/50) \cos((413\pi)/6250))/8,$
 $(25\pi \cos((21\pi)/80) \cos((661\pi)/10000))/8,$

$(25\pi \cos((53\pi)/200) \cos((1653\pi)/25000))/8,$
 $(25\pi \cos((107\pi)/400) \cos((3307\pi)/50000))/8,$
 $(25\pi \cos((27\pi)/100) \cos((827\pi)/12500))/8,$
 $(25\pi \cos((109\pi)/400) \cos((3309\pi)/50000))/8,$
 $(25\pi \cos((11\pi)/40) \cos((331\pi)/5000))/8,$
 $(25\pi \cos((111\pi)/400) \cos((3311\pi)/50000))/8,$
 $(25\pi \cos((7\pi)/25) \cos((207\pi)/3125))/8,$
 $(25\pi \cos((113\pi)/400) \cos((3313\pi)/50000))/8,$
 $(25\pi \cos((57\pi)/200) \cos((1657\pi)/25000))/8,$
 $(25\pi \cos((23\pi)/80) \cos((663\pi)/10000))/8,$
 $(25\pi \cos((29\pi)/100) \cos((829\pi)/12500))/8,$
 $(25\pi \cos((117\pi)/400) \cos((3317\pi)/50000))/8,$
 $(25\pi \cos((59\pi)/200) \cos((1659\pi)/25000))/8,$
 $(25\pi \cos((119\pi)/400) \cos((3319\pi)/50000))/8, (25 \cdot 2^{(1/2)} \pi \cos((83\pi)/1250) \cdot (5 - 5^{(1/2)})^{(1/2)})/32,$
 $(25\pi \cos((121\pi)/400) \cos((3321\pi)/50000))/8,$
 $(25\pi \cos((61\pi)/200) \cos((1661\pi)/25000))/8,$
 $(25\pi \cos((123\pi)/400) \cos((3323\pi)/50000))/8,$
 $(25\pi \cos((31\pi)/100) \cos((831\pi)/12500))/8,$
 $(25\pi \cos((5\pi)/16) \cos((133\pi)/2000))/8,$
 $(25\pi \cos((63\pi)/200) \cos((1663\pi)/25000))/8,$
 $(25\pi \cos((127\pi)/400) \cos((3327\pi)/50000))/8,$
 $(25\pi \cos((8\pi)/25) \cos((208\pi)/3125))/8,$
 $(25\pi \cos((129\pi)/400) \cos((3329\pi)/50000))/8,$
 $(25\pi \cos((13\pi)/40) \cos((333\pi)/5000))/8,$
 $(25\pi \cos((131\pi)/400) \cos((3331\pi)/50000))/8,$
 $(25\pi \cos((33\pi)/100) \cos((833\pi)/12500))/8,$
 $(25\pi \cos((133\pi)/400) \cos((3333\pi)/50000))/8,$
 $(25\pi \cos((67\pi)/200) \cos((1667\pi)/25000))/8,$
 $(25\pi \cos((27\pi)/80) \cos((667\pi)/10000))/8,$
 $(25\pi \cos((17\pi)/50) \cos((417\pi)/6250))/8,$
 $(25\pi \cos((137\pi)/400) \cos((3337\pi)/50000))/8,$
 $(25\pi \cos((69\pi)/200) \cos((1669\pi)/25000))/8,$
 $(25\pi \cos((139\pi)/400) \cos((3339\pi)/50000))/8,$
 $(25\pi \cos((7\pi)/20) \cos((167\pi)/2500))/8,$
 $(25\pi \cos((141\pi)/400) \cos((3341\pi)/50000))/8,$
 $(25\pi \cos((71\pi)/200) \cos((1671\pi)/25000))/8,$
 $(25\pi \cos((143\pi)/400) \cos((3343\pi)/50000))/8,$
 $(25\pi \cos((9\pi)/25) \cos((209\pi)/3125))/8,$
 $(25\pi \cos((29\pi)/80) \cos((669\pi)/10000))/8,$
 $(25\pi \cos((73\pi)/200) \cos((1673\pi)/25000))/8,$
 $(25\pi \cos((147\pi)/400) \cos((3347\pi)/50000))/8,$
 $(25\pi \cos((37\pi)/100) \cos((837\pi)/12500))/8,$
 $(25\pi \cos((149\pi)/400) \cos((3349\pi)/50000))/8, (25\pi \cos((67\pi)/1000) \cdot (2 - 2^{(1/2)})^{(1/2)})/16,$
 $(25\pi \cos((151\pi)/400) \cos((3351\pi)/50000))/8,$
 $(25\pi \cos((19\pi)/50) \cos((419\pi)/6250))/8,$
 $(25\pi \cos((153\pi)/400) \cos((3353\pi)/50000))/8,$
 $(25\pi \cos((77\pi)/200) \cos((1677\pi)/25000))/8,$
 $(25\pi \cos((31\pi)/80) \cos((671\pi)/10000))/8,$
 $(25\pi \cos((39\pi)/100) \cos((839\pi)/12500))/8,$
 $(25\pi \cos((157\pi)/400) \cos((3357\pi)/50000))/8,$
 $(25\pi \cos((79\pi)/200) \cos((1679\pi)/25000))/8,$

$(25\pi \cos((159\pi)/400) \cos((3359\pi)/50000))/8, (25\pi \cos((42\pi)/625) * (5^{(1/2)}/4 - 1/4))/8, (25\pi \cos((161\pi)/400) \cos((3361\pi)/50000))/8,$
 $(25\pi \cos((81\pi)/200) \cos((1681\pi)/25000))/8,$
 $(25\pi \cos((163\pi)/400) \cos((3363\pi)/50000))/8,$
 $(25\pi \cos((41\pi)/100) \cos((841\pi)/12500))/8,$
 $(25\pi \cos((33\pi)/80) \cos((673\pi)/10000))/8,$
 $(25\pi \cos((83\pi)/200) \cos((1683\pi)/25000))/8,$
 $(25\pi \cos((167\pi)/400) \cos((3367\pi)/50000))/8,$
 $(25\pi \cos((21\pi)/50) \cos((421\pi)/6250))/8,$
 $(25\pi \cos((169\pi)/400) \cos((3369\pi)/50000))/8,$
 $(25\pi \cos((17\pi)/40) \cos((337\pi)/5000))/8,$
 $(25\pi \cos((171\pi)/400) \cos((3371\pi)/50000))/8,$
 $(25\pi \cos((43\pi)/100) \cos((843\pi)/12500))/8,$
 $(25\pi \cos((173\pi)/400) \cos((3373\pi)/50000))/8,$
 $(25\pi \cos((87\pi)/200) \cos((1687\pi)/25000))/8,$
 $(25\pi \cos((7\pi)/16) \cos((27\pi)/400))/8,$
 $(25\pi \cos((11\pi)/25) \cos((211\pi)/3125))/8,$
 $(25\pi \cos((177\pi)/400) \cos((3377\pi)/50000))/8,$
 $(25\pi \cos((89\pi)/200) \cos((1689\pi)/25000))/8,$
 $(25\pi \cos((179\pi)/400) \cos((3379\pi)/50000))/8,$
 $(25\pi \cos((9\pi)/20) \cos((169\pi)/2500))/8,$
 $(25\pi \cos((181\pi)/400) \cos((3381\pi)/50000))/8,$
 $(25\pi \cos((91\pi)/200) \cos((1691\pi)/25000))/8,$
 $(25\pi \cos((183\pi)/400) \cos((3383\pi)/50000))/8,$
 $(25\pi \cos((23\pi)/50) \cos((423\pi)/6250))/8,$
 $(25\pi \cos((37\pi)/80) \cos((677\pi)/10000))/8,$
 $(25\pi \cos((93\pi)/200) \cos((1693\pi)/25000))/8,$
 $(25\pi \cos((187\pi)/400) \cos((3387\pi)/50000))/8,$
 $(25\pi \cos((47\pi)/100) \cos((847\pi)/12500))/8,$
 $(25\pi \cos((189\pi)/400) \cos((3389\pi)/50000))/8,$
 $(25\pi \cos((19\pi)/40) \cos((339\pi)/5000))/8,$
 $(25\pi \cos((191\pi)/400) \cos((3391\pi)/50000))/8,$
 $(25\pi \cos((12\pi)/25) \cos((212\pi)/3125))/8,$
 $(25\pi \cos((193\pi)/400) \cos((3393\pi)/50000))/8,$
 $(25\pi \cos((97\pi)/200) \cos((1697\pi)/25000))/8,$
 $(25\pi \cos((39\pi)/80) \cos((679\pi)/10000))/8,$
 $(25\pi \cos((49\pi)/100) \cos((849\pi)/12500))/8,$
 $(25\pi \cos((197\pi)/400) \cos((3397\pi)/50000))/8,$
 $(25\pi \cos((99\pi)/200) \cos((1699\pi)/25000))/8,$
 $(25\pi \cos((199\pi)/400) \cos((3399\pi)/50000))/8, 0, -$
 $(25\pi \cos((199\pi)/400) \cos((3401\pi)/50000))/8, -$
 $(25\pi \cos((99\pi)/200) \cos((1701\pi)/25000))/8, -$
 $(25\pi \cos((197\pi)/400) \cos((3403\pi)/50000))/8, -$
 $(25\pi \cos((49\pi)/100) \cos((851\pi)/12500))/8, -$
 $(25\pi \cos((39\pi)/80) \cos((681\pi)/10000))/8, -$
 $(25\pi \cos((97\pi)/200) \cos((1703\pi)/25000))/8, -$
 $(25\pi \cos((193\pi)/400) \cos((3407\pi)/50000))/8, -$
 $(25\pi \cos((12\pi)/25) \cos((213\pi)/3125))/8, -$
 $(25\pi \cos((191\pi)/400) \cos((3409\pi)/50000))/8, -$
 $(25\pi \cos((19\pi)/40) \cos((341\pi)/5000))/8, -$
 $(25\pi \cos((189\pi)/400) \cos((3411\pi)/50000))/8, -$

$(25\pi \cos((47\pi)/100) \cos((853\pi)/12500))/8, -$
 $(25\pi \cos((187\pi)/400) \cos((3413\pi)/50000))/8, -$
 $(25\pi \cos((93\pi)/200) \cos((1707\pi)/25000))/8, -$
 $(25\pi \cos((37\pi)/80) \cos((683\pi)/10000))/8, -$
 $(25\pi \cos((23\pi)/50) \cos((427\pi)/6250))/8, -$
 $(25\pi \cos((183\pi)/400) \cos((3417\pi)/50000))/8, -$
 $(25\pi \cos((91\pi)/200) \cos((1709\pi)/25000))/8, -$
 $(25\pi \cos((181\pi)/400) \cos((3419\pi)/50000))/8, -$
 $(25\pi \cos((9\pi)/20) \cos((171\pi)/2500))/8, -$
 $(25\pi \cos((179\pi)/400) \cos((3421\pi)/50000))/8, -$
 $(25\pi \cos((89\pi)/200) \cos((1711\pi)/25000))/8, -$
 $(25\pi \cos((177\pi)/400) \cos((3423\pi)/50000))/8, -$
 $(25\pi \cos((11\pi)/25) \cos((214\pi)/3125))/8, -$
 $(25\pi \cos((7\pi)/16) \cos((137\pi)/2000))/8, -$
 $(25\pi \cos((87\pi)/200) \cos((1713\pi)/25000))/8, -$
 $(25\pi \cos((173\pi)/400) \cos((3427\pi)/50000))/8, -$
 $(25\pi \cos((43\pi)/100) \cos((857\pi)/12500))/8, -$
 $(25\pi \cos((171\pi)/400) \cos((3429\pi)/50000))/8, -$
 $(25\pi \cos((17\pi)/40) \cos((343\pi)/5000))/8, -$
 $(25\pi \cos((169\pi)/400) \cos((3431\pi)/50000))/8, -$
 $(25\pi \cos((21\pi)/50) \cos((429\pi)/6250))/8, -$
 $(25\pi \cos((167\pi)/400) \cos((3433\pi)/50000))/8, -$
 $(25\pi \cos((83\pi)/200) \cos((1717\pi)/25000))/8, -$
 $(25\pi \cos((33\pi)/80) \cos((687\pi)/10000))/8, -$
 $(25\pi \cos((41\pi)/100) \cos((859\pi)/12500))/8, -$
 $(25\pi \cos((163\pi)/400) \cos((3437\pi)/50000))/8, -$
 $(25\pi \cos((81\pi)/200) \cos((1719\pi)/25000))/8, -$
 $(25\pi \cos((161\pi)/400) \cos((3439\pi)/50000))/8, - (25\pi \cos((43\pi)/625) * (5^{(1/2)/4} -$
 $1/4))/8, - (25\pi \cos((159\pi)/400) \cos((3441\pi)/50000))/8, -$
 $(25\pi \cos((79\pi)/200) \cos((1721\pi)/25000))/8, -$
 $(25\pi \cos((157\pi)/400) \cos((3443\pi)/50000))/8, -$
 $(25\pi \cos((39\pi)/100) \cos((861\pi)/12500))/8, -$
 $(25\pi \cos((31\pi)/80) \cos((689\pi)/10000))/8, -$
 $(25\pi \cos((77\pi)/200) \cos((1723\pi)/25000))/8, -$
 $(25\pi \cos((153\pi)/400) \cos((3447\pi)/50000))/8, -$
 $(25\pi \cos((19\pi)/50) \cos((431\pi)/6250))/8, -$
 $(25\pi \cos((151\pi)/400) \cos((3449\pi)/50000))/8, - (25\pi \cos((69\pi)/1000) * (2 -$
 $2^{(1/2)})^{(1/2)})/16, - (25\pi \cos((149\pi)/400) \cos((3451\pi)/50000))/8, -$
 $(25\pi \cos((37\pi)/100) \cos((863\pi)/12500))/8, -$
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 $(25\pi \cos((29\pi)/80) \cos((691\pi)/10000))/8, -$
 $(25\pi \cos((9\pi)/25) \cos((216\pi)/3125))/8, -$
 $(25\pi \cos((143\pi)/400) \cos((3457\pi)/50000))/8, -$
 $(25\pi \cos((71\pi)/200) \cos((1729\pi)/25000))/8, -$
 $(25\pi \cos((141\pi)/400) \cos((3459\pi)/50000))/8, -$
 $(25\pi \cos((7\pi)/20) \cos((173\pi)/2500))/8, -$
 $(25\pi \cos((139\pi)/400) \cos((3461\pi)/50000))/8, -$
 $(25\pi \cos((69\pi)/200) \cos((1731\pi)/25000))/8, -$
 $(25\pi \cos((137\pi)/400) \cos((3463\pi)/50000))/8, -$
 $(25\pi \cos((17\pi)/50) \cos((433\pi)/6250))/8, -$

$(25\pi \cos((27\pi)/80) \cos((693\pi)/10000))/8, -$
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 $(25\pi \cos((133\pi)/400) \cos((3467\pi)/50000))/8, -$
 $(25\pi \cos((33\pi)/100) \cos((867\pi)/12500))/8, -$
 $(25\pi \cos((131\pi)/400) \cos((3469\pi)/50000))/8, -$
 $(25\pi \cos((13\pi)/40) \cos((347\pi)/5000))/8, -$
 $(25\pi \cos((129\pi)/400) \cos((3471\pi)/50000))/8, -$
 $(25\pi \cos((8\pi)/25) \cos((217\pi)/3125))/8, -$
 $(25\pi \cos((127\pi)/400) \cos((3473\pi)/50000))/8, -$
 $(25\pi \cos((63\pi)/200) \cos((1737\pi)/25000))/8, -$
 $(25\pi \cos((5\pi)/16) \cos((139\pi)/2000))/8, -$
 $(25\pi \cos((31\pi)/100) \cos((869\pi)/12500))/8, -$
 $(25\pi \cos((123\pi)/400) \cos((3477\pi)/50000))/8, -$
 $(25\pi \cos((61\pi)/200) \cos((1739\pi)/25000))/8, -$
 $(25\pi \cos((121\pi)/400) \cos((3479\pi)/50000))/8, - (25 \cdot 2^{(1/2)} \pi \cos((87\pi)/1250) \cdot (5$
 $- 5^{(1/2)})^{(1/2)})/32, - (25\pi \cos((119\pi)/400) \cos((3481\pi)/50000))/8, -$
 $(25\pi \cos((59\pi)/200) \cos((1741\pi)/25000))/8, -$
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 $(25\pi \cos((103\pi)/400) \cos((3497\pi)/50000))/8, -$
 $(25\pi \cos((51\pi)/200) \cos((1749\pi)/25000))/8, -$
 $(25\pi \cos((101\pi)/400) \cos((3499\pi)/50000))/8, - (25 \cdot 2^{(1/2)} \pi \cos((7\pi)/100))/16]$

Pn =

Columns 1 through 7

9.8175 9.8172 9.8163 9.8148 9.8126 9.8099 9.8066

Columns 8 through 14

9.8026 9.7981 9.7930 9.7872 9.7809 9.7739 9.7663

Columns 15 through 21

9.7582 9.7494 9.7401 9.7301 9.7195 9.7084 9.6966

Columns 22 through 28

9.6842 9.6713 9.6577 9.6436 9.6288 9.6135 9.5976

Columns 29 through 35

9.5810 9.5639 9.5462 9.5279 9.5090 9.4896 9.4695

Columns 36 through 42

9.4489 9.4276 9.4058 9.3834 9.3605 9.3369 9.3128

Columns 43 through 49

9.2881 9.2629 9.2370 9.2106 9.1837 9.1561 9.1280

Columns 50 through 56

9.0994 9.0701 9.0403 9.0100 8.9791 8.9476 8.9156

Columns 57 through 63

8.8831 8.8500 8.8163 8.7821 8.7474 8.7121 8.6763

Columns 64 through 70

8.6399 8.6031 8.5656 8.5277 8.4892 8.4502 8.4107

Columns 71 through 77

8.3707 8.3301 8.2891 8.2475 8.2054 8.1628 8.1198

Columns 78 through 84

8.0762 8.0321 7.9875 7.9424 7.8968 7.8508 7.8042

Columns 85 through 91

7.7572 7.7097 7.6617 7.6133 7.5644 7.5150 7.4651

Columns 92 through 98

7.4148 7.3641 7.3129 7.2612 7.2091 7.1565 7.1035

Columns 99 through 105

7.0501 6.9962 6.9419 6.8871 6.8320 6.7764 6.7204

Columns 106 through 112

6.6640 6.6071 6.5499 6.4923 6.4342 6.3758 6.3170

Columns 113 through 119

6.2577 6.1981 6.1381 6.0778 6.0170 5.9559 5.8944

Columns 120 through 126

5.8326 5.7704 5.7078 5.6449 5.5817 5.5181 5.4541

Columns 127 through 133

5.3899 5.3252 5.2603 5.1950 5.1294 5.0635 4.9973

Columns 134 through 140

4.9308 4.8640 4.7969 4.7294 4.6617 4.5937 4.5254

Columns 141 through 147

4.4569 4.3880 4.3189 4.2495 4.1799 4.1100 4.0399

Columns 148 through 154

3.9695 3.8988 3.8279 3.7568 3.6855 3.6139 3.5421

Columns 155 through 161

3.4701 3.3978 3.3254 3.2527 3.1799 3.1069 3.0336

Columns 162 through 168

2.9602 2.8866 2.8128 2.7388 2.6647 2.5904 2.5160

Columns 169 through 175

2.4414 2.3666 2.2917 2.2167 2.1415 2.0662 1.9907

Columns 176 through 182

1.9152 1.8395 1.7637 1.6878 1.6118 1.5357 1.4595

Columns 183 through 189

1.3832 1.3068 1.2304 1.1538 1.0772 1.0006 0.9238

Columns 190 through 196

0.8471 0.7702 0.6933 0.6164 0.5394 0.4624 0.3854

Columns 197 through 203

0.3084 0.2313 0.1542 0.0771 0 -0.0771 -0.1542

Columns 204 through 210

-0.2313 -0.3083 -0.3854 -0.4624 -0.5394 -0.6164 -0.6933

Columns 211 through 217

-0.7702 -0.8470 -0.9238 -1.0006 -1.0772 -1.1538 -1.2303

Columns 218 through 224

-1.3068 -1.3832 -1.4595 -1.5356 -1.6117 -1.6877 -1.7636

Columns 225 through 231

-1.8394 -1.9151 -1.9907 -2.0661 -2.1414 -2.2166 -2.2916

Columns 232 through 238

-2.3665 -2.4412 -2.5158 -2.5903 -2.6646 -2.7387 -2.8126

Columns 239 through 245

-2.8864 -2.9600 -3.0334 -3.1066 -3.1797 -3.2525 -3.3252

Columns 246 through 252

-3.3976 -3.4698 -3.5418 -3.6136 -3.6852 -3.7565 -3.8276

Columns 253 through 259

-3.8985 -3.9691 -4.0395 -4.1097 -4.1795 -4.2492 -4.3185

Columns 260 through 266

-4.3876 -4.4564 -4.5250 -4.5933 -4.6613 -4.7290 -4.7964

Columns 267 through 273

-4.8635 -4.9303 -4.9968 -5.0630 -5.1289 -5.1944 -5.2597

Columns 274 through 280

-5.3246 -5.3892 -5.4535 -5.5174 -5.5810 -5.6442 -5.7071

Columns 281 through 287

-5.7697 -5.8319 -5.8937 -5.9551 -6.0162 -6.0770 -6.1373

Columns 288 through 294

-6.1973 -6.2569 -6.3161 -6.3749 -6.4333 -6.4913 -6.5489

Columns 295 through 301

-6.6062 -6.6630 -6.7194 -6.7753 -6.8309 -6.8861 -6.9408

Columns 302 through 308

-6.9951 -7.0489 -7.1023 -7.1553 -7.2079 -7.2600 -7.3116

Columns 309 through 315

-7.3628 -7.4136 -7.4639 -7.5137 -7.5630 -7.6119 -7.6604

Columns 316 through 322

-7.7083 -7.7558 -7.8028 -7.8493 -7.8954 -7.9409 -7.9860

Columns 323 through 329

-8.0305 -8.0746 -8.1182 -8.1612 -8.2038 -8.2459 -8.2874

Columns 330 through 336

-8.3284 -8.3690 -8.4090 -8.4485 -8.4874 -8.5259 -8.5638

Columns 337 through 343

-8.6012 -8.6381 -8.6744 -8.7102 -8.7454 -8.7802 -8.8143

Columns 344 through 350

-8.8480 -8.8810 -8.9136 -8.9456 -8.9770 -9.0079 -9.0382

Columns 351 through 357

-9.0680 -9.0972 -9.1258 -9.1539 -9.1814 -9.2084 -9.2348

Columns 358 through 364

-9.2606 -9.2858 -9.3105 -9.3346 -9.3581 -9.3810 -9.4034

Columns 365 through 371

-9.4252 -9.4464 -9.4670 -9.4871 -9.5065 -9.5254 -9.5436

Columns 372 through 378

-9.5613 -9.5784 -9.5949 -9.6108 -9.6262 -9.6409 -9.6550

Columns 379 through 385

-9.6686 -9.6815 -9.6938 -9.7056 -9.7167 -9.7273 -9.7372

Columns 386 through 392

-9.7466 -9.7553 -9.7635 -9.7710 -9.7779 -9.7843 -9.7900

Columns 393 through 399

-9.7951 -9.7997 -9.8036 -9.8069 -9.8096 -9.8117 -9.8132

Columns 400 through 406

-9.8141 -9.8144 -9.8141 -9.8131 -9.8116 -9.8095 -9.8067

Columns 407 through 413

-9.8034 -9.7994 -9.7949 -9.7897 -9.7840 -9.7776 -9.7706

Columns 414 through 420

-9.7631 -9.7549 -9.7461 -9.7367 -9.7268 -9.7162 -9.7050

Columns 421 through 427

-9.6932 -9.6809 -9.6679 -9.6543 -9.6402 -9.6254 -9.6101

Columns 428 through 434

-9.5941 -9.5776 -9.5605 -9.5427 -9.5244 -9.5055 -9.4861

Columns 435 through 441

-9.4660 -9.4454 -9.4241 -9.4023 -9.3799 -9.3570 -9.3334

Columns 442 through 448

-9.3093 -9.2846 -9.2593 -9.2335 -9.2071 -9.1801 -9.1526

Columns 449 through 455

-9.1244 -9.0958 -9.0665 -9.0367 -9.0064 -8.9755 -8.9440

Columns 456 through 462

-8.9120 -8.8795 -8.8464 -8.8127 -8.7785 -8.7438 -8.7085

Columns 463 through 469

-8.6727 -8.6363 -8.5995 -8.5621 -8.5241 -8.4857 -8.4467

Columns 470 through 476

-8.4072 -8.3671 -8.3266 -8.2855 -8.2440 -8.2019 -8.1593

Columns 477 through 483

-8.1162 -8.0726 -8.0285 -7.9840 -7.9389 -7.8933 -7.8473

Columns 484 through 490

-7.8008 -7.7537 -7.7063 -7.6583 -7.6098 -7.5609 -7.5116

Columns 491 through 497

-7.4617 -7.4114 -7.3607 -7.3095 -7.2578 -7.2057 -7.1532

Columns 498 through 504

-7.1002 -7.0467 -6.9929 -6.9386 -6.8839 -6.8287 -6.7731

Columns 505 through 511

-6.7172 -6.6608 -6.6039 -6.5467 -6.4891 -6.4311 -6.3727

Columns 512 through 518

-6.3139 -6.2547 -6.1951 -6.1351 -6.0748 -6.0140 -5.9529

Columns 519 through 525

-5.8915 -5.8297 -5.7675 -5.7050 -5.6421 -5.5788 -5.5153

Columns 526 through 532

-5.4513 -5.3871 -5.3225 -5.2576 -5.1923 -5.1268 -5.0609

Columns 533 through 539

-4.9947 -4.9282 -4.8614 -4.7943 -4.7269 -4.6592 -4.5913

Columns 540 through 546

-4.5230 -4.4545 -4.3857 -4.3166 -4.2472 -4.1776 -4.1078

Columns 547 through 553

-4.0377 -3.9673 -3.8967 -3.8258 -3.7547 -3.6834 -3.6119

Columns 554 through 560

-3.5401 -3.4681 -3.3959 -3.3235 -3.2509 -3.1781 -3.1051

Columns 561 through 567

-3.0319 -2.9585 -2.8849 -2.8112 -2.7373 -2.6632 -2.5889

Columns 568 through 574

-2.5145 -2.4400 -2.3652 -2.2904 -2.2154 -2.1402 -2.0650

Columns 575 through 581

-1.9896 -1.9140 -1.8384 -1.7627 -1.6868 -1.6108 -1.5348

Columns 582 through 588

-1.4586 -1.3824 -1.3060 -1.2296 -1.1531 -1.0766 -1.0000

Columns 589 through 595

-0.9233 -0.8465 -0.7697 -0.6929 -0.6160 -0.5391 -0.4621

Columns 596 through 602

-0.3852 -0.3082 -0.2311 -0.1541 -0.0771 0 0.0771

Columns 603 through 609

0.1541 0.2311 0.3082 0.3852 0.4621 0.5391 0.6160

Columns 610 through 616

0.6929 0.7697 0.8465 0.9232 0.9999 1.0765 1.1531

Columns 617 through 623

1.2295 1.3059 1.3823 1.4585 1.5346 1.6107 1.6866

Columns 624 through 630

1.7625 1.8382 1.9138 1.9893 2.0647 2.1399 2.2151

Columns 631 through 637

2.2900 2.3649 2.4396 2.5141 2.5885 2.6627 2.7368

Columns 638 through 644

2.8107 2.8844 2.9580 3.0313 3.1045 3.1775 3.2502

Columns 645 through 651

3.3228 3.3952 3.4674 3.5393 3.6111 3.6826 3.7539

Columns 652 through 658

3.8249 3.8957 3.9663 4.0366 4.1067 4.1765 4.2461

Columns 659 through 665

4.3154 4.3844 4.4532 4.5217 4.5899 4.6578 4.7255

Columns 666 through 672

4.7928 4.8599 4.9267 4.9931 5.0592 5.1251 5.1906

Columns 673 through 679

5.2558 5.3206 5.3852 5.4494 5.5133 5.5768 5.6400

Columns 680 through 686

5.7028 5.7653 5.8274 5.8892 5.9506 6.0116 6.0723

Columns 687 through 693

6.1326 6.1925 6.2520 6.3112 6.3700 6.4283 6.4863

Columns 694 through 700

6.5438 6.6010 6.6578 6.7141 6.7700 6.8255 6.8806

Columns 701 through 707

6.9353 6.9895 7.0433 7.0967 7.1496 7.2021 7.2542

Columns 708 through 714

7.3058 7.3569 7.4076 7.4578 7.5076 7.5569 7.6058

Columns 715 through 721

7.6541 7.7021 7.7495 7.7964 7.8429 7.8889 7.9344

Columns 722 through 728

7.9794 8.0239 8.0679 8.1114 8.1545 8.1970 8.2390

Columns 729 through 735

8.2805 8.3215 8.3620 8.4019 8.4414 8.4803 8.5187

Columns 736 through 742

8.5566 8.5939 8.6307 8.6670 8.7028 8.7380 8.7727

Columns 743 through 749

8.8068 8.8404 8.8734 8.9059 8.9379 8.9692 9.0001

Columns 750 through 756

9.0304 9.0601 9.0893 9.1179 9.1459 9.1734 9.2003

Columns 757 through 763

9.2267 9.2524 9.2776 9.3023 9.3263 9.3498 9.3727

Columns 764 through 770

9.3951 9.4168 9.4380 9.4586 9.4786 9.4980 9.5168

Columns 771 through 777

9.5350 9.5527 9.5698 9.5862 9.6021 9.6174 9.6321

Columns 778 through 784

9.6462 9.6597 9.6726 9.6850 9.6967 9.7078 9.7183

Columns 785 through 791

9.7282 9.7376 9.7463 9.7544 9.7619 9.7688 9.7752

Columns 792 through 798

9.7809 9.7860 9.7905 9.7944 9.7977 9.8004 9.8024

Columns 799 through 805

9.8039 9.8048 9.8051 9.8047 9.8038 9.8023 9.8001

Columns 806 through 812

9.7974 9.7940 9.7900 9.7855 9.7803 9.7745 9.7682

Columns 813 through 819

9.7612 9.7536 9.7454 9.7366 9.7273 9.7173 9.7067

Columns 820 through 826

9.6955 9.6837 9.6714 9.6584 9.6448 9.6307 9.6159

Columns 827 through 833

9.6006 9.5846 9.5681 9.5510 9.5332 9.5149 9.4961

Columns 834 through 840

9.4766 9.4565 9.4359 9.4147 9.3929 9.3705 9.3475

Columns 841 through 847

9.3240 9.2999 9.2752 9.2499 9.2241 9.1977 9.1707

Columns 848 through 854

9.1432 9.1151 9.0864 9.0572 9.0275 8.9971 8.9662

Columns 855 through 861

8.9348 8.9028 8.8703 8.8372 8.8036 8.7694 8.7347

Columns 862 through 868

8.6994 8.6636 8.6273 8.5904 8.5531 8.5151 8.4767

Columns 869 through 875

8.4378 8.3983 8.3583 8.3178 8.2767 8.2352 8.1932

Columns 876 through 882

8.1506 8.1075 8.0640 8.0199 7.9754 7.9304 7.8848

Columns 883 through 889

7.8388 7.7923 7.7454 7.6979 7.6500 7.6016 7.5527

Columns 890 through 896

7.5034 7.4536 7.4033 7.3526 7.3015 7.2499 7.1978

Columns 897 through 903

7.1453 7.0924 7.0390 6.9852 6.9309 6.8762 6.8211

Columns 904 through 910

6.7656 6.7097 6.6533 6.5966 6.5394 6.4819 6.4239

Columns 911 through 917

6.3655 6.3068 6.2476 6.1881 6.1282 6.0679 6.0072

Columns 918 through 924

5.9462 5.8848 5.8230 5.7609 5.6985 5.6356 5.5725

Columns 925 through 931

5.5089 5.4451 5.3809 5.3164 5.2515 5.1864 5.1209

Columns 932 through 938

5.0551 4.9889 4.9225 4.8558 4.7888 4.7214 4.6538

Columns 939 through 945

4.5859 4.5177 4.4493 4.3805 4.3115 4.2423 4.1727

Columns 946 through 952

4.1029 4.0329 3.9626 3.8921 3.8213 3.7503 3.6791

Columns 953 through 959

3.6076 3.5359 3.4640 3.3919 3.3196 3.2470 3.1743

Columns 960 through 966

3.1014 3.0282 2.9549 2.8815 2.8078 2.7340 2.6600

Columns 967 through 973

2.5858 2.5115 2.4370 2.3624 2.2876 2.2127 2.1376

Columns 974 through 980

2.0624 1.9871 1.9117 1.8362 1.7605 1.6847 1.6089

Columns 981 through 987

1.5329 1.4568 1.3807 1.3044 1.2281 1.1517 1.0752

Columns 988 through 994

0.9987 0.9221 0.8455 0.7688 0.6920 0.6152 0.5384

Columns 995 through 1001

0.4616 0.3847 0.3078 0.2308 0.1539 0.0770 0

Columns 1002 through 1008

-0.0770 -0.1539 -0.2308 -0.3078 -0.3847 -0.4615 -0.5384

Columns 1009 through 1015

-0.6152 -0.6920 -0.7687 -0.8454 -0.9220 -0.9986 -1.0751

Columns 1016 through 1022

-1.1516 -1.2279 -1.3042 -1.3805 -1.4566 -1.5326 -1.6086

Columns 1023 through 1029

-1.6844 -1.7602 -1.8358 -1.9113 -1.9867 -2.0620 -2.1372

Columns 1030 through 1036

-2.2122 -2.2870 -2.3618 -2.4364 -2.5108 -2.5851 -2.6592

Columns 1037 through 1043

-2.7332 -2.8070 -2.8806 -2.9540 -3.0273 -3.1004 -3.1732

Columns 1044 through 1050

-3.2459 -3.3184 -3.3907 -3.4627 -3.5346 -3.6062 -3.6776

Columns 1051 through 1057

-3.7488 -3.8198 -3.8905 -3.9609 -4.0312 -4.1012 -4.1709

Columns 1058 through 1064

-4.2403 -4.3096 -4.3785 -4.4472 -4.5156 -4.5837 -4.6515

Columns 1065 through 1071

-4.7190 -4.7863 -4.8532 -4.9199 -4.9863 -5.0523 -5.1180

Columns 1072 through 1078

-5.1834 -5.2485 -5.3133 -5.3778 -5.4419 -5.5056 -5.5691

Columns 1079 through 1085

-5.6322 -5.6949 -5.7573 -5.8193 -5.8810 -5.9423 -6.0032

Columns 1086 through 1092

-6.0638 -6.1240 -6.1838 -6.2433 -6.3023 -6.3610 -6.4193

Columns 1093 through 1099

-6.4771 -6.5346 -6.5917 -6.6483 -6.7046 -6.7604 -6.8159

Columns 1100 through 1106

-6.8709 -6.9254 -6.9796 -7.0333 -7.0866 -7.1394 -7.1918

Columns 1107 through 1113

-7.2438 -7.2953 -7.3464 -7.3970 -7.4471 -7.4968 -7.5460

Columns 1114 through 1120

-7.5948 -7.6431 -7.6909 -7.7383 -7.7851 -7.8315 -7.8774

Columns 1121 through 1127

-7.9228 -7.9678 -8.0122 -8.0562 -8.0996 -8.1425 -8.1850

Columns 1128 through 1134

-8.2269 -8.2684 -8.3093 -8.3497 -8.3896 -8.4289 -8.4678

Columns 1135 through 1141

-8.5061 -8.5439 -8.5812 -8.6180 -8.6542 -8.6899 -8.7250

Columns 1142 through 1148

-8.7596 -8.7937 -8.8272 -8.8602 -8.8926 -8.9245 -8.9558

Columns 1149 through 1155

-8.9866 -9.0168 -9.0465 -9.0756 -9.1042 -9.1321 -9.1596

Columns 1156 through 1162

-9.1864 -9.2127 -9.2384 -9.2636 -9.2882 -9.3122 -9.3356

Columns 1163 through 1169

-9.3585 -9.3808 -9.4025 -9.4236 -9.4441 -9.4641 -9.4834

Columns 1170 through 1176

-9.5022 -9.5204 -9.5380 -9.5551 -9.5715 -9.5874 -9.6026

Columns 1177 through 1183

-9.6173 -9.6313 -9.6448 -9.6577 -9.6700 -9.6817 -9.6927

Columns 1184 through 1190

-9.7032 -9.7131 -9.7224 -9.7311 -9.7392 -9.7467 -9.7536

Columns 1191 through 1197

-9.7599 -9.7656 -9.7706 -9.7751 -9.7790 -9.7823 -9.7849

Columns 1198 through 1204

-9.7870 -9.7885 -9.7893 -9.7896 -9.7892 -9.7883 -9.7867

Columns 1205 through 1211

-9.7846 -9.7818 -9.7784 -9.7745 -9.7699 -9.7647 -9.7589

Columns 1212 through 1218

-9.7526 -9.7456 -9.7380 -9.7298 -9.7210 -9.7116 -9.7017

Columns 1219 through 1225

-9.6911 -9.6799 -9.6681 -9.6558 -9.6428 -9.6292 -9.6151

Columns 1226 through 1232

-9.6003 -9.5850 -9.5691 -9.5525 -9.5354 -9.5177 -9.4994

Columns 1233 through 1239

-9.4806 -9.4611 -9.4411 -9.4204 -9.3992 -9.3775 -9.3551

Columns 1240 through 1246

-9.3322 -9.3087 -9.2846 -9.2599 -9.2347 -9.2089 -9.1825

Columns 1247 through 1253

-9.1556 -9.1281 -9.1000 -9.0714 -9.0422 -9.0125 -8.9822

Columns 1254 through 1260

-8.9513 -8.9199 -8.8880 -8.8555 -8.8224 -8.7888 -8.7547

Columns 1261 through 1267

-8.7200 -8.6848 -8.6491 -8.6128 -8.5760 -8.5387 -8.5008

Columns 1268 through 1274

-8.4624 -8.4235 -8.3841 -8.3441 -8.3037 -8.2627 -8.2212

Columns 1275 through 1281

-8.1792 -8.1368 -8.0938 -8.0503 -8.0063 -7.9618 -7.9168

Columns 1282 through 1288

-7.8714 -7.8254 -7.7790 -7.7321 -7.6847 -7.6369 -7.5885

Columns 1289 through 1295

-7.5397 -7.4905 -7.4408 -7.3906 -7.3399 -7.2889 -7.2373

Columns 1296 through 1302

-7.1853 -7.1329 -7.0801 -7.0268 -6.9730 -6.9189 -6.8643

Columns 1303 through 1309

-6.8093 -6.7538 -6.6980 -6.6417 -6.5851 -6.5280 -6.4705

Columns 1310 through 1316

-6.4126 -6.3544 -6.2957 -6.2366 -6.1772 -6.1174 -6.0572

Columns 1317 through 1323

-5.9966 -5.9357 -5.8744 -5.8128 -5.7507 -5.6884 -5.6256

Columns 1324 through 1330

-5.5626 -5.4992 -5.4354 -5.3713 -5.3069 -5.2422 -5.1771

Columns 1331 through 1337

-5.1117 -5.0460 -4.9800 -4.9137 -4.8471 -4.7802 -4.7130

Columns 1338 through 1344

-4.6455 -4.5777 -4.5096 -4.4413 -4.3726 -4.3037 -4.2346

Columns 1345 through 1351

-4.1652 -4.0955 -4.0256 -3.9554 -3.8850 -3.8144 -3.7435

Columns 1352 through 1358

-3.6724 -3.6010 -3.5295 -3.4577 -3.3857 -3.3135 -3.2411

Columns 1359 through 1365

-3.1685 -3.0957 -3.0227 -2.9495 -2.8762 -2.8026 -2.7289

Columns 1366 through 1372

-2.6551 -2.5810 -2.5068 -2.4325 -2.3580 -2.2834 -2.2086

Columns 1373 through 1379

-2.1337 -2.0586 -1.9834 -1.9082 -1.8327 -1.7572 -1.6816

Columns 1380 through 1386

-1.6059 -1.5300 -1.4541 -1.3781 -1.3020 -1.2258 -1.1496

Columns 1387 through 1393

-1.0732 -0.9968 -0.9204 -0.8439 -0.7673 -0.6907 -0.6141

Columns 1394 through 1400

-0.5374 -0.4607 -0.3840 -0.3072 -0.2304 -0.1536 -0.0768

Columns 1401 through 1407

0 0.0768 0.1536 0.2304 0.3072 0.3839 0.4607

Columns 1408 through 1414

0.5374 0.6140 0.6907 0.7672 0.8438 0.9203 0.9967

Columns 1415 through 1421

1.0731 1.1494 1.2256 1.3017 1.3778 1.4538 1.5297

Columns 1422 through 1428

1.6055 1.6812 1.7568 1.8323 1.9076 1.9829 2.0580

Columns 1429 through 1435

2.1330 2.2079 2.2826 2.3572 2.4316 2.5059 2.5801

Columns 1436 through 1442

2.6540 2.7278 2.8015 2.8750 2.9483 3.0214 3.0943

Columns 1443 through 1449

3.1670 3.2395 3.3119 3.3840 3.4559 3.5276 3.5991

Columns 1450 through 1456

3.6704 3.7414 3.8122 3.8828 3.9531 4.0232 4.0930

Columns 1457 through 1463

4.1626 4.2319 4.3010 4.3698 4.4383 4.5066 4.5745

Columns 1464 through 1470

4.6422 4.7096 4.7767 4.8435 4.9100 4.9763 5.0422

Columns 1471 through 1477

5.1078 5.1730 5.2380 5.3026 5.3669 5.4309 5.4945

Columns 1478 through 1484

5.5578 5.6208 5.6834 5.7456 5.8075 5.8691 5.9303

Columns 1485 through 1491

5.9911 6.0515 6.1116 6.1713 6.2306 6.2895 6.3480

Columns 1492 through 1498

6.4062 6.4639 6.5213 6.5782 6.6347 6.6909 6.7466

Columns 1499 through 1505

6.8019 6.8567 6.9112 6.9652 7.0188 7.0720 7.1247

Columns 1506 through 1512

7.1770 7.2288 7.2802 7.3312 7.3817 7.4317 7.4813

Columns 1513 through 1519

7.5304 7.5790 7.6272 7.6749 7.7222 7.7689 7.8152

Columns 1520 through 1526

7.8610 7.9063 7.9511 7.9955 8.0393 8.0826 8.1255

Columns 1527 through 1533

8.1678 8.2097 8.2510 8.2918 8.3321 8.3719 8.4112

Columns 1534 through 1540

8.4500 8.4882 8.5259 8.5631 8.5997 8.6359 8.6715

Columns 1541 through 1547

8.7065 8.7410 8.7750 8.8085 8.8414 8.8737 8.9055

Columns 1548 through 1554

8.9368 8.9675 8.9976 9.0272 9.0562 9.0847 9.1126

Columns 1555 through 1561

9.1400 9.1667 9.1930 9.2186 9.2437 9.2682 9.2922

Columns 1562 through 1568

9.3155 9.3383 9.3605 9.3822 9.4032 9.4237 9.4436

Columns 1569 through 1575

9.4629 9.4817 9.4998 9.5174 9.5343 9.5507 9.5665

Columns 1576 through 1582

9.5817 9.5963 9.6104 9.6238 9.6366 9.6489 9.6605

Columns 1583 through 1589

9.6716 9.6820 9.6919 9.7011 9.7098 9.7178 9.7253

Columns 1590 through 1596

9.7322 9.7384 9.7441 9.7491 9.7536 9.7574 9.7607

Columns 1597 through 1603

9.7633 9.7654 9.7668 9.7677 9.7679 9.7675 9.7666

Columns 1604 through 1610

9.7650 9.7628 9.7601 9.7567 9.7527 9.7481 9.7430

Columns 1611 through 1617

9.7372 9.7308 9.7238 9.7162 9.7081 9.6993 9.6899

Columns 1618 through 1624

9.6799 9.6694 9.6582 9.6464 9.6341 9.6211 9.6076

Columns 1625 through 1631

9.5934 9.5787 9.5634 9.5475 9.5310 9.5139 9.4962

Columns 1632 through 1638

9.4779 9.4591 9.4397 9.4197 9.3991 9.3779 9.3561

Columns 1639 through 1645

9.3338 9.3109 9.2874 9.2634 9.2388 9.2136 9.1878

Columns 1646 through 1652

9.1615	9.1346	9.1072	9.0792	9.0506	9.0215	8.9918
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Columns 1653 through 1659

8.9615	8.9307	8.8994	8.8675	8.8351	8.8021	8.7686
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Columns 1660 through 1666

8.7345	8.6999	8.6648	8.6291	8.5929	8.5561	8.5189
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Columns 1667 through 1673

8.4811	8.4428	8.4039	8.3646	8.3247	8.2844	8.2435
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Columns 1674 through 1680

8.2021	8.1602	8.1178	8.0749	8.0315	7.9876	7.9432
--------	--------	--------	--------	--------	--------	--------

Columns 1681 through 1687

7.8983	7.8529	7.8071	7.7608	7.7139	7.6667	7.6189
--------	--------	--------	--------	--------	--------	--------

Columns 1688 through 1694

7.5707 7.5220 7.4728 7.4232 7.3731 7.3226 7.2716

Columns 1695 through 1701

7.2202 7.1683 7.1160 7.0633 7.0101 6.9565 6.9024

Columns 1702 through 1708

6.8480 6.7931 6.7378 6.6820 6.6259 6.5694 6.5124

Columns 1709 through 1715

6.4551 6.3973 6.3392 6.2806 6.2217 6.1624 6.1027

Columns 1716 through 1722

6.0427 5.9823 5.9215 5.8603 5.7988 5.7369 5.6747

Columns 1723 through 1729

5.6121 5.5492 5.4859 5.4223 5.3584 5.2941 5.2295

Columns 1730 through 1736

5.1646 5.0993 5.0338 4.9679 4.9018 4.8353 4.7686

Columns 1737 through 1743

4.7015 4.6342 4.5665 4.4986 4.4304 4.3620 4.2932

Columns 1744 through 1750

4.2243 4.1550 4.0855 4.0157 3.9457 3.8755 3.8050

Columns 1751 through 1757

3.7343 3.6634 3.5922 3.5208 3.4492 3.3774 3.3053

Columns 1758 through 1764

3.2331 3.1607 3.0880 3.0152 2.9422 2.8691 2.7957

Columns 1765 through 1771

2.7222 2.6485 2.5746 2.5006 2.4265 2.3521 2.2777

Columns 1772 through 1778

2.2031	2.1284	2.0535	1.9785	1.9034	1.8282	1.7528
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Columns 1779 through 1785

1.6774	1.6018	1.5262	1.4505	1.3746	1.2987	1.2227
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Columns 1786 through 1792

1.1467	1.0705	0.9943	0.9181	0.8418	0.7654	0.6890
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Columns 1793 through 1799

0.6125	0.5361	0.4595	0.3830	0.3064	0.2298	0.1532
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Columns 1800 through 1806

0.0766	0	-0.0766	-0.1532	-0.2298	-0.3064	-0.3830
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Columns 1807 through 1813

-0.4595	-0.5360	-0.6125	-0.6889	-0.7653	-0.8416	-0.9179
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Columns 1814 through 1820

-0.9942 -1.0703 -1.1464 -1.2225 -1.2984 -1.3743 -1.4501

Columns 1821 through 1827

-1.5258 -1.6014 -1.6769 -1.7523 -1.8275 -1.9027 -1.9778

Columns 1828 through 1834

-2.0527 -2.1275 -2.2022 -2.2767 -2.3511 -2.4254 -2.4994

Columns 1835 through 1841

-2.5734 -2.6472 -2.7208 -2.7942 -2.8675 -2.9406 -3.0135

Columns 1842 through 1848

-3.0862 -3.1588 -3.2311 -3.3033 -3.3752 -3.4469 -3.5184

Columns 1849 through 1855

-3.5897 -3.6608 -3.7316 -3.8022 -3.8726 -3.9428 -4.0127

Columns 1856 through 1862

-4.0823 -4.1517 -4.2208 -4.2897 -4.3583 -4.4266 -4.4947

Columns 1863 through 1869

-4.5625 -4.6300 -4.6972 -4.7641 -4.8308 -4.8971 -4.9631

Columns 1870 through 1876

-5.0288 -5.0943 -5.1593 -5.2241 -5.2886 -5.3527 -5.4165

Columns 1877 through 1883

-5.4799 -5.5431 -5.6058 -5.6683 -5.7304 -5.7921 -5.8534

Columns 1884 through 1890

-5.9145 -5.9751 -6.0354 -6.0953 -6.1548 -6.2139 -6.2727

Columns 1891 through 1897

-6.3310 -6.3890 -6.4466 -6.5038 -6.5606 -6.6169 -6.6729

Columns 1898 through 1904

-6.7284 -6.7836 -6.8383 -6.8926 -6.9465 -6.9999 -7.0529

Columns 1905 through 1911

-7.1055 -7.1576 -7.2093 -7.2605 -7.3113 -7.3617 -7.4116

Columns 1912 through 1918

-7.4610 -7.5100 -7.5585 -7.6065 -7.6541 -7.7012 -7.7478

Columns 1919 through 1925

-7.7939 -7.8396 -7.8848 -7.9295 -7.9737 -8.0174 -8.0606

Columns 1926 through 1932

-8.1033 -8.1455 -8.1872 -8.2284 -8.2691 -8.3093 -8.3490

Columns 1933 through 1939

-8.3881 -8.4268 -8.4649 -8.5025 -8.5395 -8.5761 -8.6121

Columns 1940 through 1946

-8.6476 -8.6825 -8.7169 -8.7508 -8.7841 -8.8169 -8.8492

Columns 1947 through 1953

-8.8809 -8.9120 -8.9426 -8.9727 -9.0022 -9.0311 -9.0595

Columns 1954 through 1960

-9.0873 -9.1146 -9.1413 -9.1674 -9.1930 -9.2180 -9.2424

Columns 1961 through 1967

-9.2663 -9.2896 -9.3123 -9.3344 -9.3560 -9.3770 -9.3974

Columns 1968 through 1974

-9.4172 -9.4364 -9.4551 -9.4732 -9.4907 -9.5076 -9.5239

Columns 1975 through 1981

-9.5396 -9.5548 -9.5694 -9.5833 -9.5967 -9.6095 -9.6217

Columns 1982 through 1988

-9.6333 -9.6443 -9.6547 -9.6645 -9.6737 -9.6823 -9.6903

Columns 1989 through 1995

-9.6978 -9.7046 -9.7108 -9.7164 -9.7215 -9.7259 -9.7297

Columns 1996 through 2002

-9.7329 -9.7356 -9.7376 -9.7390 -9.7398 -9.7401 -9.7397

Columns 2003 through 2009

-9.7387 -9.7371 -9.7349 -9.7322 -9.7288 -9.7248 -9.7202

Columns 2010 through 2016

-9.7150 -9.7093 -9.7029 -9.6959 -9.6883 -9.6802 -9.6714

Columns 2017 through 2023

-9.6620 -9.6521 -9.6415 -9.6304 -9.6186 -9.6063 -9.5933

Columns 2024 through 2030

-9.5798 -9.5657 -9.5510 -9.5357 -9.5198 -9.5034 -9.4863

Columns 2031 through 2037

-9.4687 -9.4505 -9.4316 -9.4123 -9.3923 -9.3717 -9.3506

Columns 2038 through 2044

-9.3289 -9.3066 -9.2838 -9.2604 -9.2364 -9.2118 -9.1867

Columns 2045 through 2051

-9.1610 -9.1347 -9.1079 -9.0805 -9.0526 -9.0241 -8.9950

Columns 2052 through 2058

-8.9654 -8.9353 -8.9045 -8.8733 -8.8415 -8.8091 -8.7762

Columns 2059 through 2065

-8.7428 -8.7088 -8.6743 -8.6392 -8.6036 -8.5675 -8.5309

Columns 2066 through 2072

-8.4937 -8.4560 -8.4178 -8.3791 -8.3398 -8.3001 -8.2598

Columns 2073 through 2079

-8.2190 -8.1777 -8.1359 -8.0937 -8.0509 -8.0076 -7.9638

Columns 2080 through 2086

-7.9195 -7.8748 -7.8295 -7.7838 -7.7376 -7.6909 -7.6438

Columns 2087 through 2093

-7.5961 -7.5480 -7.4995 -7.4505 -7.4010 -7.3511 -7.3007

Columns 2094 through 2100

-7.2498 -7.1986 -7.1468 -7.0947 -7.0421 -6.9890 -6.9356

Columns 2101 through 2107

-6.8817 -6.8273 -6.7726 -6.7175 -6.6619 -6.6059 -6.5495

Columns 2108 through 2114

-6.4927 -6.4355 -6.3780 -6.3200 -6.2616 -6.2029 -6.1437

Columns 2115 through 2121

-6.0842 -6.0244 -5.9641 -5.9035 -5.8425 -5.7811 -5.7194

Columns 2122 through 2128

-5.6574 -5.5950 -5.5323 -5.4692 -5.4058 -5.3420 -5.2779

Columns 2129 through 2135

-5.2135 -5.1488 -5.0837 -5.0184 -4.9527 -4.8868 -4.8205

Columns 2136 through 2142

-4.7539 -4.6871 -4.6199 -4.5525 -4.4848 -4.4168 -4.3486

Columns 2143 through 2149

-4.2800 -4.2113 -4.1422 -4.0729 -4.0034 -3.9336 -3.8635

Columns 2150 through 2156

-3.7933 -3.7228 -3.6520 -3.5811 -3.5099 -3.4385 -3.3669

Columns 2157 through 2163

-3.2951 -3.2231 -3.1509 -3.0785 -3.0059 -2.9331 -2.8601

Columns 2164 through 2170

-2.7870 -2.7137 -2.6402 -2.5666 -2.4928 -2.4189 -2.3448

Columns 2171 through 2177

-2.2706 -2.1962 -2.1217 -2.0471 -1.9723 -1.8974 -1.8224

Columns 2178 through 2184

-1.7473 -1.6721 -1.5968 -1.5214 -1.4459 -1.3703 -1.2946

Columns 2185 through 2191

-1.2189 -1.1431 -1.0672 -0.9912 -0.9152 -0.8391 -0.7630

Columns 2192 through 2198

-0.6868 -0.6106 -0.5344 -0.4581 -0.3818 -0.3054 -0.2291

Columns 2199 through 2205

-0.1527 -0.0764 0 0.0764 0.1527 0.2291 0.3054

Columns 2206 through 2212

0.3817 0.4580 0.5343 0.6105 0.6867 0.7629 0.8390

Columns 2213 through 2219

0.9150 0.9910 1.0669 1.1428 1.2185 1.2943 1.3699

Columns 2220 through 2226

1.4454 1.5209 1.5962 1.6715 1.7466 1.8217 1.8966

Columns 2227 through 2233

1.9714 2.0461 2.1207 2.1951 2.2694 2.3435 2.4175

Columns 2234 through 2240

2.4914 2.5651 2.6386 2.7120 2.7852 2.8582 2.9311

Columns 2241 through 2247

3.0038 3.0763 3.1486 3.2207 3.2926 3.3642 3.4357

Columns 2248 through 2254

3.5070 3.5781 3.6489 3.7195 3.7899 3.8600 3.9299

Columns 2255 through 2261

3.9996 4.0690 4.1382 4.2071 4.2757 4.3441 4.4122

Columns 2262 through 2268

4.4800 4.5476 4.6148 4.6818 4.7485 4.8149 4.8810

Columns 2269 through 2275

4.9468 5.0123 5.0775 5.1424 5.2070 5.2712 5.3351

Columns 2276 through 2282

5.3987 5.4619 5.5248 5.5874 5.6496 5.7115 5.7730

Columns 2283 through 2289

5.8341 5.8949 5.9553 6.0154 6.0751 6.1344 6.1933

Columns 2290 through 2296

6.2519 6.3101 6.3678 6.4252 6.4822 6.5388 6.5949

Columns 2297 through 2303

6.6507 6.7061 6.7610 6.8155 6.8696 6.9233 6.9766

Columns 2304 through 2310

7.0294 7.0818 7.1337 7.1852 7.2363 7.2869 7.3371

Columns 2311 through 2317

7.3868 7.4360 7.4848 7.5332 7.5810 7.6284 7.6753

Columns 2318 through 2324

7.7218 7.7678 7.8133 7.8583 7.9028 7.9468 7.9904

Columns 2325 through 2331

8.0334 8.0760 8.1180 8.1596 8.2007 8.2412 8.2812

Columns 2332 through 2338

8.3208 8.3598 8.3983 8.4362 8.4737 8.5106 8.5470

Columns 2339 through 2345

8.5829 8.6182 8.6531 8.6873 8.7211 8.7543 8.7870

Columns 2346 through 2352

8.8191 8.8506 8.8817 8.9122 8.9421 8.9715 9.0003

Columns 2353 through 2359

9.0286 9.0563 9.0834 9.1100 9.1361 9.1615 9.1864

Columns 2360 through 2366

9.2107 9.2345 9.2577 9.2803 9.3024 9.3239 9.3448

Columns 2367 through 2373

9.3651 9.3848 9.4040 9.4226 9.4406 9.4580 9.4748

Columns 2374 through 2380

9.4911 9.5067 9.5218 9.5363 9.5502 9.5635 9.5763

Columns 2381 through 2387

9.5884 9.5999 9.6109 9.6212 9.6310 9.6402 9.6487

Columns 2388 through 2394

9.6567 9.6641 9.6709 9.6771 9.6827 9.6877 9.6920

Columns 2395 through 2401

9.6958 9.6990 9.7016 9.7036 9.7051 9.7059 9.7061

Columns 2402 through 2408

9.7057 9.7047 9.7031 9.7009 9.6981 9.6947 9.6908

Columns 2409 through 2415

9.6862 9.6810 9.6752 9.6688 9.6619 9.6543 9.6462

Columns 2416 through 2422

9.6374 9.6281 9.6181 9.6076 9.5964 9.5847 9.5724

Columns 2423 through 2429

9.5595 9.5460 9.5319 9.5173 9.5020 9.4862 9.4698

Columns 2430 through 2436

9.4528 9.4352 9.4170 9.3982 9.3789 9.3590 9.3385

Columns 2437 through 2443

9.3174 9.2958 9.2736 9.2508 9.2275 9.2035 9.1791

Columns 2444 through 2450

9.1540 9.1284 9.1022 9.0755 9.0482 9.0203 8.9919

Columns 2451 through 2457

8.9629 8.9334 8.9033 8.8727 8.8415 8.8098 8.7776

Columns 2458 through 2464

8.7448 8.7114 8.6776 8.6432 8.6082 8.5727 8.5367

Columns 2465 through 2471

8.5002 8.4632 8.4256 8.3875 8.3489 8.3098 8.2702

Columns 2472 through 2478

8.2300 8.1894 8.1482 8.1066 8.0644 8.0218 7.9786

Columns 2479 through 2485

7.9350 7.8909 7.8463 7.8012 7.7556 7.7096 7.6630

Columns 2486 through 2492

7.6160 7.5686 7.5206 7.4723 7.4234 7.3741 7.3243

Columns 2493 through 2499

7.2741 7.2234 7.1723 7.1208 7.0688 7.0164 6.9635

Columns 2500 through 2506

6.9102 6.8565 6.8024 6.7479 6.6929 6.6375 6.5817

Columns 2507 through 2513

6.5255 6.4690 6.4120 6.3546 6.2968 6.2387 6.1801

Columns 2514 through 2520

6.1212 6.0619 6.0022 5.9422 5.8818 5.8210 5.7599

Columns 2521 through 2527

5.6984 5.6366 5.5744 5.5119 5.4490 5.3858 5.3223

Columns 2528 through 2534

5.2584 5.1942 5.1298 5.0649 4.9998 4.9344 4.8687

Columns 2535 through 2541

4.8026 4.7363 4.6697 4.6028 4.5356 4.4681 4.4004

Columns 2542 through 2548

4.3324 4.2641 4.1956 4.1268 4.0577 3.9884 3.9189

Columns 2549 through 2555

3.8491 3.7791 3.7089 3.6384 3.5677 3.4968 3.4256

Columns 2556 through 2562

3.3543 3.2828 3.2110 3.1391 3.0669 2.9946 2.9221

Columns 2563 through 2569

2.8494 2.7766 2.7035 2.6303 2.5570 2.4835 2.4098

Columns 2570 through 2576

2.3360 2.2620 2.1879 2.1137 2.0394 1.9649 1.8903

Columns 2577 through 2583

1.8156 1.7407 1.6658 1.5908 1.5157 1.4404 1.3651

Columns 2584 through 2590

1.2897 1.2143 1.1387 1.0631 0.9875 0.9117 0.8359

Columns 2591 through 2597

0.7601 0.6842 0.6083 0.5323 0.4563 0.3803 0.3043

Columns 2598 through 2604

0.2282 0.1522 0.0761 0 -0.0761 -0.1521 -0.2282

Columns 2605 through 2611

-0.3043 -0.3803 -0.4563 -0.5323 -0.6082 -0.6841 -0.7599

Columns 2612 through 2618

-0.8357 -0.9115 -0.9872 -1.0628 -1.1384 -1.2139 -1.2893

Columns 2619 through 2625

-1.3646 -1.4399 -1.5150 -1.5901 -1.6651 -1.7399 -1.8147

Columns 2626 through 2632

-1.8893 -1.9638 -2.0382 -2.1125 -2.1866 -2.2606 -2.3345

Columns 2633 through 2639

-2.4082 -2.4818 -2.5552 -2.6284 -2.7015 -2.7744 -2.8472

Columns 2640 through 2646

-2.9197 -2.9921 -3.0643 -3.1363 -3.2082 -3.2798 -3.3512

Columns 2647 through 2653

-3.4224 -3.4934 -3.5641 -3.6347 -3.7050 -3.7751 -3.8450

Columns 2654 through 2660

-3.9146 -3.9840 -4.0531 -4.1220 -4.1906 -4.2590 -4.3271

Columns 2661 through 2667

-4.3949 -4.4625 -4.5298 -4.5968 -4.6635 -4.7299 -4.7961

Columns 2668 through 2674

-4.8619 -4.9274 -4.9927 -5.0576 -5.1222 -5.1865 -5.2505

Columns 2675 through 2681

-5.3141 -5.3774 -5.4404 -5.5031 -5.5654 -5.6273 -5.6889

Columns 2682 through 2688

-5.7502 -5.8111 -5.8717 -5.9318 -5.9917 -6.0511 -6.1102

Columns 2689 through 2695

-6.1689 -6.2272 -6.2851 -6.3426 -6.3998 -6.4565 -6.5129

Columns 2696 through 2702

-6.5688 -6.6243 -6.6795 -6.7342 -6.7885 -6.8423 -6.8958

Columns 2703 through 2709

-6.9488 -7.0014 -7.0536 -7.1053 -7.1566 -7.2075 -7.2579

Columns 2710 through 2716

-7.3078 -7.3573 -7.4064 -7.4549 -7.5031 -7.5507 -7.5979

Columns 2717 through 2723

-7.6446 -7.6909 -7.7367 -7.7820 -7.8268 -7.8711 -7.9150

Columns 2724 through 2730

-7.9583 -8.0012 -8.0436 -8.0855 -8.1268 -8.1677 -8.2081

Columns 2731 through 2737

-8.2479 -8.2873 -8.3261 -8.3644 -8.4023 -8.4395 -8.4763

Columns 2738 through 2744

-8.5126 -8.5483 -8.5835 -8.6181 -8.6523 -8.6858 -8.7189

Columns 2745 through 2751

-8.7514 -8.7834 -8.8148 -8.8457 -8.8761 -8.9059 -8.9351

Columns 2752 through 2758

-8.9638 -8.9919 -9.0195 -9.0466 -9.0730 -9.0989 -9.1243

Columns 2759 through 2765

-9.1491 -9.1733 -9.1969 -9.2200 -9.2425 -9.2645 -9.2858

Columns 2766 through 2772

-9.3066 -9.3269 -9.3465 -9.3656 -9.3841 -9.4020 -9.4193

Columns 2773 through 2779

-9.4361 -9.4523 -9.4678 -9.4828 -9.4973 -9.5111 -9.5243

Columns 2780 through 2786

-9.5370 -9.5491 -9.5605 -9.5714 -9.5817 -9.5914 -9.6005

Columns 2787 through 2793

-9.6091 -9.6170 -9.6243 -9.6311 -9.6372 -9.6428 -9.6477

Columns 2794 through 2800

-9.6521 -9.6559 -9.6590 -9.6616 -9.6636 -9.6650 -9.6657

Columns 2801 through 2807

-9.6659 -9.6655 -9.6645 -9.6629 -9.6607 -9.6579 -9.6546

Columns 2808 through 2814

-9.6506 -9.6460 -9.6408 -9.6351 -9.6287 -9.6217 -9.6142

Columns 2815 through 2821

-9.6061 -9.5973 -9.5880 -9.5781 -9.5676 -9.5565 -9.5448

Columns 2822 through 2828

-9.5325 -9.5197 -9.5062 -9.4922 -9.4776 -9.4623 -9.4466

Columns 2829 through 2835

-9.4302 -9.4132 -9.3957 -9.3776 -9.3589 -9.3396 -9.3198

Columns 2836 through 2842

-9.2994 -9.2784 -9.2568 -9.2347 -9.2120 -9.1887 -9.1649

Columns 2843 through 2849

-9.1405 -9.1155 -9.0900 -9.0639 -9.0373 -9.0101 -8.9823

Columns 2850 through 2856

-8.9540 -8.9251 -8.8957 -8.8658 -8.8353 -8.8042 -8.7726

Columns 2857 through 2863

-8.7405 -8.7078 -8.6746 -8.6409 -8.6066 -8.5718 -8.5364

Columns 2864 through 2870

-8.5006 -8.4642 -8.4273 -8.3899 -8.3519 -8.3135 -8.2745

Columns 2871 through 2877

-8.2350 -8.1951 -8.1546 -8.1136 -8.0721 -8.0301 -7.9876

Columns 2878 through 2884

-7.9447 -7.9012 -7.8573 -7.8128 -7.7679 -7.7225 -7.6767

Columns 2885 through 2891

-7.6303 -7.5835 -7.5362 -7.4885 -7.4403 -7.3916 -7.3425

Columns 2892 through 2898

-7.2930 -7.2430 -7.1925 -7.1416 -7.0903 -7.0385 -6.9863

Columns 2899 through 2905

-6.9336 -6.8806 -6.8271 -6.7732 -6.7188 -6.6641 -6.6090

Columns 2906 through 2912

-6.5534 -6.4975 -6.4411 -6.3843 -6.3272 -6.2697 -6.2117

Columns 2913 through 2919

-6.1534 -6.0948 -6.0357 -5.9763 -5.9165 -5.8563 -5.7958

Columns 2920 through 2926

-5.7349 -5.6737 -5.6121 -5.5502 -5.4880 -5.4254 -5.3624

Columns 2927 through 2933

-5.2992 -5.2356 -5.1717 -5.1075 -5.0429 -4.9781 -4.9129

Columns 2934 through 2940

-4.8475 -4.7817 -4.7157 -4.6494 -4.5827 -4.5158 -4.4487

Columns 2941 through 2947

-4.3812 -4.3135 -4.2455 -4.1773 -4.1088 -4.0400 -3.9710

Columns 2948 through 2954

-3.9018 -3.8323 -3.7626 -3.6926 -3.6225 -3.5521 -3.4815

Columns 2955 through 2961

-3.4106 -3.3396 -3.2684 -3.1969 -3.1253 -3.0535 -2.9815

Columns 2962 through 2968

-2.9093 -2.8369 -2.7643 -2.6916 -2.6188 -2.5457 -2.4725

Columns 2969 through 2975

-2.3992 -2.3257 -2.2521 -2.1783 -2.1044 -2.0304 -1.9562

Columns 2976 through 2982

-1.8819 -1.8075 -1.7330 -1.6584 -1.5837 -1.5089 -1.4341

Columns 2983 through 2989

-1.3591 -1.2840 -1.2089 -1.1337 -1.0584 -0.9831 -0.9077

Columns 2990 through 2996

-0.8322 -0.7567 -0.6812 -0.6056 -0.5300 -0.4543 -0.3786

Columns 2997 through 3003

-0.3029 -0.2272 -0.1515 -0.0757 0 0.0757 0.1515

Columns 3004 through 3010

0.2272 0.3029 0.3786 0.4542 0.5299 0.6055 0.6810

Columns 3011 through 3017

0.7565 0.8320 0.9074 0.9828 1.0581 1.1333 1.2084

Columns 3018 through 3024

1.2835 1.3585 1.4334 1.5082 1.5829 1.6576 1.7321

Columns 3025 through 3031

1.8065 1.8808 1.9550 2.0290 2.1030 2.1768 2.2504

Columns 3032 through 3038

2.3240 2.3973 2.4706 2.5436 2.6166 2.6893 2.7619

Columns 3039 through 3045

2.8343 2.9065 2.9786 3.0505 3.1221 3.1936 3.2649

Columns 3046 through 3052

3.3360 3.4069 3.4775 3.5480 3.6182 3.6882 3.7580

Columns 3053 through 3059

3.8275 3.8968 3.9659 4.0347 4.1033 4.1716 4.2396

Columns 3060 through 3066

4.3074 4.3749 4.4422 4.5091 4.5758 4.6422 4.7083

Columns 3067 through 3073

4.7742 4.8397 4.9049 4.9699 5.0345 5.0988 5.1628

Columns 3074 through 3080

5.2264 5.2898 5.3528 5.4155 5.4778 5.5399 5.6015

Columns 3081 through 3087

5.6628 5.7238 5.7844 5.8447 5.9046 5.9641 6.0233

Columns 3088 through 3094

6.0821 6.1405 6.1985 6.2561 6.3134 6.3703 6.4268

Columns 3095 through 3101

6.4828 6.5385 6.5938 6.6486 6.7031 6.7571 6.8107

Columns 3102 through 3108

6.8639 6.9167 6.9690 7.0210 7.0724 7.1235 7.1741

Columns 3109 through 3115

7.2242 7.2739 7.3232 7.3720 7.4203 7.4682 7.5157

Columns 3116 through 3122

7.5626 7.6091 7.6552 7.7007 7.7458 7.7904 7.8345

Columns 3123 through 3129

7.8781 7.9213 7.9639 8.0061 8.0478 8.0889 8.1296

Columns 3130 through 3136

8.1698 8.2094 8.2486 8.2872 8.3254 8.3630 8.4001

Columns 3137 through 3143

8.4367 8.4727 8.5082 8.5433 8.5777 8.6117 8.6451

Columns 3144 through 3150

8.6780 8.7104 8.7422 8.7734 8.8042 8.8344 8.8640

Columns 3151 through 3157

8.8931 8.9216 8.9496 8.9771 9.0040 9.0303 9.0561

Columns 3158 through 3164

9.0813 9.1059 9.1300 9.1535 9.1765 9.1989 9.2207

Columns 3165 through 3171

9.2420 9.2627 9.2828 9.3023 9.3213 9.3397 9.3575

Columns 3172 through 3178

9.3747 9.3914 9.4075 9.4230 9.4379 9.4522 9.4660

Columns 3179 through 3185

9.4791 9.4917 9.5037 9.5151 9.5259 9.5362 9.5458

Columns 3186 through 3192

9.5549 9.5633 9.5712 9.5785 9.5852 9.5913 9.5968

Columns 3193 through 3199

9.6017 9.6060 9.6098 9.6129 9.6154 9.6174 9.6188

Columns 3200 through 3206

9.6195 9.6197 9.6193 9.6183 9.6167 9.6145 9.6117

Columns 3207 through 3213

9.6083 9.6043 9.5997 9.5946 9.5888 9.5825 9.5755

Columns 3214 through 3220

9.5680 9.5599 9.5512 9.5419 9.5320 9.5215 9.5105

Columns 3221 through 3227

9.4988 9.4866 9.4738 9.4604 9.4464 9.4318 9.4167

Columns 3228 through 3234

9.4010 9.3847 9.3678 9.3503 9.3323 9.3136 9.2945

Columns 3235 through 3241

9.2747 9.2544 9.2335 9.2120 9.1899 9.1673 9.1442

Columns 3242 through 3248

9.1204	9.0961	9.0713	9.0459	9.0199	8.9934	8.9663
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Columns 3249 through 3255

8.9386	8.9104	8.8817	8.8524	8.8226	8.7922	8.7613
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Columns 3256 through 3262

8.7299	8.6979	8.6653	8.6323	8.5987	8.5646	8.5299
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Columns 3263 through 3269

8.4947	8.4591	8.4228	8.3861	8.3488	8.3111	8.2728
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Columns 3270 through 3276

8.2340	8.1947	8.1549	8.1146	8.0738	8.0325	7.9907
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Columns 3277 through 3283

7.9484	7.9057	7.8624	7.8187	7.7744	7.7297	7.6845
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Columns 3284 through 3290

7.6389 7.5928 7.5462 7.4991 7.4516 7.4036 7.3552

Columns 3291 through 3297

7.3063 7.2570 7.2072 7.1570 7.1063 7.0552 7.0037

Columns 3298 through 3304

6.9518 6.8994 6.8465 6.7933 6.7397 6.6856 6.6311

Columns 3305 through 3311

6.5762 6.5209 6.4652 6.4092 6.3527 6.2958 6.2385

Columns 3312 through 3318

6.1809 6.1229 6.0645 6.0057 5.9466 5.8871 5.8272

Columns 3319 through 3325

5.7670 5.7064 5.6455 5.5842 5.5226 5.4606 5.3983

Columns 3326 through 3332

5.3357 5.2727 5.2095 5.1459 5.0820 5.0177 4.9532

Columns 3333 through 3339

4.8884 4.8232 4.7578 4.6921 4.6261 4.5598 4.4932

Columns 3340 through 3346

4.4264 4.3593 4.2919 4.2242 4.1563 4.0882 4.0197

Columns 3347 through 3353

3.9511 3.8822 3.8130 3.7437 3.6741 3.6042 3.5342

Columns 3354 through 3360

3.4639 3.3935 3.3228 3.2519 3.1808 3.1095 3.0381

Columns 3361 through 3367

2.9664 2.8946 2.8226 2.7504 2.6780 2.6055 2.5328

Columns 3368 through 3374

2.4600 2.3870 2.3139 2.2407 2.1673 2.0937 2.0201

Columns 3375 through 3381

1.9463 1.8724 1.7984 1.7243 1.6500 1.5757 1.5013

Columns 3382 through 3388

1.4268 1.3522 1.2775 1.2027 1.1279 1.0530 0.9781

Columns 3389 through 3395

0.9031 0.8280 0.7529 0.6777 0.6025 0.5273 0.4520

Columns 3396 through 3402

0.3767 0.3014 0.2260 0.1507 0.0754 0 -0.0754

Columns 3403 through 3409

-0.1507 -0.2260 -0.3013 -0.3766 -0.4519 -0.5272 -0.6024

Columns 3410 through 3416

-0.6775 -0.7527 -0.8277 -0.9028 -0.9777 -1.0526 -1.1275

Columns 3417 through 3423

-1.2022 -1.2769 -1.3515 -1.4260 -1.5005 -1.5748 -1.6490

Columns 3424 through 3430

-1.7232 -1.7972 -1.8711 -1.9449 -2.0186 -2.0921 -2.1655

Columns 3431 through 3437

-2.2388 -2.3120 -2.3850 -2.4578 -2.5305 -2.6030 -2.6754

Columns 3438 through 3444

-2.7476 -2.8196 -2.8915 -2.9632 -3.0347 -3.1060 -3.1771

Columns 3445 through 3451

-3.2480 -3.3187 -3.3892 -3.4595 -3.5296 -3.5994 -3.6691

Columns 3452 through 3458

-3.7385 -3.8076 -3.8766 -3.9453 -4.0137 -4.0819 -4.1499

Columns 3459 through 3465

-4.2175 -4.2850 -4.3521 -4.4190 -4.4856 -4.5520 -4.6180

Columns 3466 through 3472

-4.6838 -4.7493 -4.8144 -4.8793 -4.9439 -5.0082 -5.0721

Columns 3473 through 3479

-5.1358 -5.1991 -5.2621 -5.3248 -5.3872 -5.4492 -5.5108

Columns 3480 through 3486

-5.5722 -5.6332 -5.6938 -5.7541 -5.8140 -5.8736 -5.9328

Columns 3487 through 3493

-5.9917 -6.0501 -6.1082 -6.1659 -6.2233 -6.2802 -6.3368

Columns 3494 through 3500

-6.3929 -6.4487 -6.5041 -6.5590 -6.6136 -6.6678 -6.7215

Column 3501

-6.7748

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