

NELSON-UDU .A. ELAH

16/ENG07/016

ENG281

20/11/2017

```
commandwindow

clear

clc

syms t
Q= 0.25*(sin(25*pi*t))
V=0.5*cos(0.2*pi*t)
tn=[0:0.0001:0.35]
Qa=subs(Q,tn)
Va=subs(V,tn)
current=Q/t
I=diff(Q)
In=subs(I,tn)
power= I*V
Pn=subs(power,tn)
figure(1)
plot(tn,In,'red',tn,Pn,'blue')
grid on
axis tight
grid minor
xlabel('Time(seconds)')
ylabel('variable')
legend('current(amperes)','power(watts)')
```

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

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

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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

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Columns 1422 through 1428

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Columns 1429 through 1435

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Columns 1436 through 1442

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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 1464 through 1470

0.1463 0.1464 0.1465 0.1466 0.1467 0.1468 0.1469

Columns 1471 through 1477

0.1470 0.1471 0.1472 0.1473 0.1474 0.1475 0.1476

Columns 1478 through 1484

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Columns 1485 through 1491

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Columns 1492 through 1498

0.1491 0.1492 0.1493 0.1494 0.1495 0.1496 0.1497

Columns 1499 through 1505

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Columns 1506 through 1512

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Columns 1597 through 1603

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Columns 1800 through 1806

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Columns 1807 through 1813

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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 2038 through 2044

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Columns 2045 through 2051

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Columns 2052 through 2058

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Columns 2066 through 2072

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Columns 2073 through 2079

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Columns 2080 through 2086

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Columns 2087 through 2093

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Columns 2094 through 2100

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Columns 2101 through 2107

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Columns 2108 through 2114

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Columns 2115 through 2121

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Columns 2122 through 2128

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Columns 2129 through 2135

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Columns 2136 through 2142

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Columns 2143 through 2149

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Columns 2150 through 2156

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Columns 2157 through 2163

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Columns 2164 through 2170

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Columns 2171 through 2177

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Columns 2178 through 2184

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Columns 2185 through 2191

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Columns 2192 through 2198

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Columns 2199 through 2205

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Columns 2206 through 2212

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Columns 2213 through 2219

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Columns 2220 through 2226

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Columns 2227 through 2233

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Columns 2234 through 2240

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Columns 2241 through 2247

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Columns 2248 through 2254

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Columns 2255 through 2261

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Columns 2262 through 2268

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Columns 2269 through 2275

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Columns 2276 through 2282

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Columns 2283 through 2289

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Columns 2290 through 2296

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Columns 2297 through 2303

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Columns 2304 through 2310

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Columns 2311 through 2317

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Columns 2332 through 2338

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Columns 2360 through 2366

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Columns 2381 through 2387

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Columns 2388 through 2394

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Columns 2500 through 2506

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Columns 2605 through 2611

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Columns 2990 through 2996

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Columns 2997 through 3003

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Columns 3004 through 3010

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Columns 3011 through 3017

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Columns 3018 through 3024

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Columns 3025 through 3031

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Columns 3032 through 3038

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Columns 3361 through 3367

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Columns 3403 through 3409

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Columns 3445 through 3451

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Columns 3452 through 3458

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Columns 3459 through 3465

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Columns 3466 through 3472

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Columns 3473 through 3479

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Columns 3494 through 3500

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Column 3501

0.3500

Qa =

[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,

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

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

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

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

$\sin((139\pi)/400)/4, \sin((69\pi)/200)/4, \sin((137\pi)/400)/4, \sin((17\pi)/50)/4, \sin((27\pi)/80)/4,$
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 $\sin((3\pi)/100)/4, \sin((13\pi)/400)/4, \sin((7\pi)/200)/4, \sin((3\pi)/80)/4, \sin(\pi/25)/4,$

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

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

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

Va =

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

cos((97*pi)/50000)/2, cos((49*pi)/25000)/2, cos((99*pi)/50000)/2, cos(pi/500)/2, cos((101*pi)/50000)/2,
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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,
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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,
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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,
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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,
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cos((73*pi)/12500)/2, cos((293*pi)/50000)/2, cos((147*pi)/25000)/2, cos((59*pi)/10000)/2,
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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,
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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,
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 $\cos((3133\pi)/50000)/2, \cos((1567\pi)/25000)/2, \cos((627\pi)/10000)/2,$
 $\cos((196\pi)/3125)/2, \cos((3137\pi)/50000)/2, \cos((1569\pi)/25000)/2,$
 $\cos((3139\pi)/50000)/2, \cos((157\pi)/2500)/2, \cos((3141\pi)/50000)/2,$
 $\cos((1571\pi)/25000)/2, \cos((3143\pi)/50000)/2, \cos((393\pi)/6250)/2,$
 $\cos((629\pi)/10000)/2, \cos((1573\pi)/25000)/2, \cos((3147\pi)/50000)/2,$
 $\cos((787\pi)/12500)/2, \cos((3149\pi)/50000)/2, \cos((63\pi)/1000)/2,$
 $\cos((3151\pi)/50000)/2, \cos((197\pi)/3125)/2, \cos((3153\pi)/50000)/2,$
 $\cos((1577\pi)/25000)/2, \cos((631\pi)/10000)/2, \cos((789\pi)/12500)/2,$
 $\cos((3157\pi)/50000)/2, \cos((1579\pi)/25000)/2, \cos((3159\pi)/50000)/2,$
 $\cos((79\pi)/1250)/2, \cos((3161\pi)/50000)/2, \cos((1581\pi)/25000)/2,$
 $\cos((3163\pi)/50000)/2, \cos((791\pi)/12500)/2, \cos((633\pi)/10000)/2,$
 $\cos((1583\pi)/25000)/2, \cos((3167\pi)/50000)/2, \cos((198\pi)/3125)/2,$
 $\cos((3169\pi)/50000)/2, \cos((317\pi)/5000)/2, \cos((3171\pi)/50000)/2,$
 $\cos((793\pi)/12500)/2, \cos((3173\pi)/50000)/2, \cos((1587\pi)/25000)/2,$
 $\cos((127\pi)/2000)/2, \cos((397\pi)/6250)/2, \cos((3177\pi)/50000)/2,$
 $\cos((1589\pi)/25000)/2, \cos((3179\pi)/50000)/2, \cos((159\pi)/2500)/2,$
 $\cos((3181\pi)/50000)/2, \cos((1591\pi)/25000)/2, \cos((3183\pi)/50000)/2,$
 $\cos((199\pi)/3125)/2, \cos((637\pi)/10000)/2, \cos((1593\pi)/25000)/2,$
 $\cos((3187\pi)/50000)/2, \cos((797\pi)/12500)/2, \cos((3189\pi)/50000)/2,$
 $\cos((319\pi)/5000)/2, \cos((3191\pi)/50000)/2, \cos((399\pi)/6250)/2,$
 $\cos((3193\pi)/50000)/2, \cos((1597\pi)/25000)/2, \cos((639\pi)/10000)/2,$
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 $\cos((3199\pi)/50000)/2, \cos((8\pi)/125)/2, \cos((3201\pi)/50000)/2,$
 $\cos((1601\pi)/25000)/2, \cos((3203\pi)/50000)/2, \cos((801\pi)/12500)/2,$
 $\cos((641\pi)/10000)/2, \cos((1603\pi)/25000)/2, \cos((3207\pi)/50000)/2,$
 $\cos((401\pi)/6250)/2, \cos((3209\pi)/50000)/2, \cos((321\pi)/5000)/2,$
 $\cos((3211\pi)/50000)/2, \cos((803\pi)/12500)/2, \cos((3213\pi)/50000)/2,$
 $\cos((1607\pi)/25000)/2, \cos((643\pi)/10000)/2, \cos((201\pi)/3125)/2,$
 $\cos((3217\pi)/50000)/2, \cos((1609\pi)/25000)/2, \cos((3219\pi)/50000)/2,$
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 $\cos((3223\pi)/50000)/2, \cos((403\pi)/6250)/2, \cos((129\pi)/2000)/2,$
 $\cos((1613\pi)/25000)/2, \cos((3227\pi)/50000)/2, \cos((807\pi)/12500)/2,$
 $\cos((3229\pi)/50000)/2, \cos((323\pi)/5000)/2, \cos((3231\pi)/50000)/2,$
 $\cos((202\pi)/3125)/2, \cos((3233\pi)/50000)/2, \cos((1617\pi)/25000)/2,$
 $\cos((647\pi)/10000)/2, \cos((809\pi)/12500)/2, \cos((3237\pi)/50000)/2,$

$\cos((1619\pi)/25000)/2, \cos((3239\pi)/50000)/2, \cos((81\pi)/1250)/2,$
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 $\cos((811\pi)/12500)/2, \cos((649\pi)/10000)/2, \cos((1623\pi)/25000)/2, \cos((3247\pi)/50000)/2,$
 $\cos((203\pi)/3125)/2, \cos((3249\pi)/50000)/2, \cos((13\pi)/200)/2, \cos((3251\pi)/50000)/2,$
 $\cos((813\pi)/12500)/2, \cos((3253\pi)/50000)/2, \cos((1627\pi)/25000)/2, \cos((651\pi)/10000)/2,$
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 $\cos((163\pi)/2500)/2, \cos((3261\pi)/50000)/2, \cos((1631\pi)/25000)/2, \cos((3263\pi)/50000)/2,$
 $\cos((204\pi)/3125)/2, \cos((653\pi)/10000)/2, \cos((1633\pi)/25000)/2, \cos((3267\pi)/50000)/2,$
 $\cos((817\pi)/12500)/2, \cos((3269\pi)/50000)/2, \cos((327\pi)/5000)/2, \cos((3271\pi)/50000)/2,$
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 $\cos((819\pi)/12500)/2, \cos((3277\pi)/50000)/2, \cos((1639\pi)/25000)/2, \cos((3279\pi)/50000)/2,$
 $\cos((41\pi)/625)/2, \cos((3281\pi)/50000)/2, \cos((1641\pi)/25000)/2, \cos((3283\pi)/50000)/2,$
 $\cos((821\pi)/12500)/2, \cos((657\pi)/10000)/2, \cos((1643\pi)/25000)/2, \cos((3287\pi)/50000)/2,$
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 $\cos((823\pi)/12500)/2, \cos((3293\pi)/50000)/2, \cos((1647\pi)/25000)/2, \cos((659\pi)/10000)/2,$
 $\cos((206\pi)/3125)/2, \cos((3297\pi)/50000)/2, \cos((1649\pi)/25000)/2, \cos((3299\pi)/50000)/2,$
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 $\cos((413\pi)/6250)/2, \cos((661\pi)/10000)/2, \cos((1653\pi)/25000)/2, \cos((3307\pi)/50000)/2,$
 $\cos((827\pi)/12500)/2, \cos((3309\pi)/50000)/2, \cos((331\pi)/5000)/2, \cos((3311\pi)/50000)/2,$
 $\cos((207\pi)/3125)/2, \cos((3313\pi)/50000)/2, \cos((1657\pi)/25000)/2, \cos((663\pi)/10000)/2,$
 $\cos((829\pi)/12500)/2, \cos((3317\pi)/50000)/2, \cos((1659\pi)/25000)/2, \cos((3319\pi)/50000)/2,$
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 $\cos((831\pi)/12500)/2, \cos((133\pi)/2000)/2, \cos((1663\pi)/25000)/2, \cos((3327\pi)/50000)/2,$
 $\cos((208\pi)/3125)/2, \cos((3329\pi)/50000)/2, \cos((333\pi)/5000)/2, \cos((3331\pi)/50000)/2,$
 $\cos((833\pi)/12500)/2, \cos((3333\pi)/50000)/2, \cos((1667\pi)/25000)/2, \cos((667\pi)/10000)/2,$
 $\cos((417\pi)/6250)/2, \cos((3337\pi)/50000)/2, \cos((1669\pi)/25000)/2, \cos((3339\pi)/50000)/2,$
 $\cos((167\pi)/2500)/2, \cos((3341\pi)/50000)/2, \cos((1671\pi)/25000)/2, \cos((3343\pi)/50000)/2,$
 $\cos((209\pi)/3125)/2, \cos((669\pi)/10000)/2, \cos((1673\pi)/25000)/2, \cos((3347\pi)/50000)/2,$
 $\cos((837\pi)/12500)/2, \cos((3349\pi)/50000)/2, \cos((67\pi)/1000)/2, \cos((3351\pi)/50000)/2,$
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 $\cos((839\pi)/12500)/2, \cos((3357\pi)/50000)/2, \cos((1679\pi)/25000)/2, \cos((3359\pi)/50000)/2,$
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 $\cos((841\pi)/12500)/2, \cos((673\pi)/10000)/2, \cos((1683\pi)/25000)/2, \cos((3367\pi)/50000)/2,$
 $\cos((421\pi)/6250)/2, \cos((3369\pi)/50000)/2, \cos((337\pi)/5000)/2, \cos((3371\pi)/50000)/2,$
 $\cos((843\pi)/12500)/2, \cos((3373\pi)/50000)/2, \cos((1687\pi)/25000)/2, \cos((27\pi)/400)/2,$
 $\cos((211\pi)/3125)/2, \cos((3377\pi)/50000)/2, \cos((1689\pi)/25000)/2, \cos((3379\pi)/50000)/2,$
 $\cos((169\pi)/2500)/2, \cos((3381\pi)/50000)/2, \cos((1691\pi)/25000)/2, \cos((3383\pi)/50000)/2,$
 $\cos((423\pi)/6250)/2, \cos((677\pi)/10000)/2, \cos((1693\pi)/25000)/2, \cos((3387\pi)/50000)/2,$
 $\cos((847\pi)/12500)/2, \cos((3389\pi)/50000)/2, \cos((339\pi)/5000)/2, \cos((3391\pi)/50000)/2,$
 $\cos((212\pi)/3125)/2, \cos((3393\pi)/50000)/2, \cos((1697\pi)/25000)/2, \cos((679\pi)/10000)/2,$
 $\cos((849\pi)/12500)/2, \cos((3397\pi)/50000)/2, \cos((1699\pi)/25000)/2, \cos((3399\pi)/50000)/2,$
 $\cos((17\pi)/250)/2, \cos((3401\pi)/50000)/2, \cos((1701\pi)/25000)/2, \cos((3403\pi)/50000)/2,$
 $\cos((851\pi)/12500)/2, \cos((681\pi)/10000)/2, \cos((1703\pi)/25000)/2, \cos((3407\pi)/50000)/2,$
 $\cos((213\pi)/3125)/2, \cos((3409\pi)/50000)/2, \cos((341\pi)/5000)/2, \cos((3411\pi)/50000)/2,$
 $\cos((853\pi)/12500)/2, \cos((3413\pi)/50000)/2, \cos((1707\pi)/25000)/2, \cos((683\pi)/10000)/2,$
 $\cos((427\pi)/6250)/2, \cos((3417\pi)/50000)/2, \cos((1709\pi)/25000)/2, \cos((3419\pi)/50000)/2,$
 $\cos((171\pi)/2500)/2, \cos((3421\pi)/50000)/2, \cos((1711\pi)/25000)/2, \cos((3423\pi)/50000)/2,$
 $\cos((214\pi)/3125)/2, \cos((137\pi)/2000)/2, \cos((1713\pi)/25000)/2, \cos((3427\pi)/50000)/2,$
 $\cos((857\pi)/12500)/2, \cos((3429\pi)/50000)/2, \cos((343\pi)/5000)/2, \cos((3431\pi)/50000)/2,$
 $\cos((429\pi)/6250)/2, \cos((3433\pi)/50000)/2, \cos((1717\pi)/25000)/2, \cos((687\pi)/10000)/2,$
 $\cos((859\pi)/12500)/2, \cos((3437\pi)/50000)/2, \cos((1719\pi)/25000)/2, \cos((3439\pi)/50000)/2,$
 $\cos((43\pi)/625)/2, \cos((3441\pi)/50000)/2, \cos((1721\pi)/25000)/2, \cos((3443\pi)/50000)/2,$
 $\cos((861\pi)/12500)/2, \cos((689\pi)/10000)/2, \cos((1723\pi)/25000)/2, \cos((3447\pi)/50000)/2,$
 $\cos((431\pi)/6250)/2, \cos((3449\pi)/50000)/2, \cos((69\pi)/1000)/2, \cos((3451\pi)/50000)/2,$
 $\cos((863\pi)/12500)/2, \cos((3453\pi)/50000)/2, \cos((1727\pi)/25000)/2, \cos((691\pi)/10000)/2,$
 $\cos((216\pi)/3125)/2, \cos((3457\pi)/50000)/2, \cos((1729\pi)/25000)/2, \cos((3459\pi)/50000)/2,$
 $\cos((173\pi)/2500)/2, \cos((3461\pi)/50000)/2, \cos((1731\pi)/25000)/2, \cos((3463\pi)/50000)/2,$
 $\cos((433\pi)/6250)/2, \cos((693\pi)/10000)/2, \cos((1733\pi)/25000)/2, \cos((3467\pi)/50000)/2,$
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 $\cos((869\pi)/12500)/2, \cos((3477\pi)/50000)/2, \cos((1739\pi)/25000)/2, \cos((3479\pi)/50000)/2,$

$\cos((87\pi)/1250)/2, \cos((3481\pi)/50000)/2, \cos((1741\pi)/25000)/2, \cos((3483\pi)/50000)/2,$
 $\cos((871\pi)/12500)/2, \cos((697\pi)/10000)/2, \cos((1743\pi)/25000)/2, \cos((3487\pi)/50000)/2,$
 $\cos((218\pi)/3125)/2, \cos((3489\pi)/50000)/2, \cos((349\pi)/5000)/2, \cos((3491\pi)/50000)/2,$
 $\cos((873\pi)/12500)/2, \cos((3493\pi)/50000)/2, \cos((1747\pi)/25000)/2, \cos((699\pi)/10000)/2,$
 $\cos((437\pi)/6250)/2, \cos((3497\pi)/50000)/2, \cos((1749\pi)/25000)/2, \cos((3499\pi)/50000)/2,$
 $\cos((7\pi)/100)/2]$

current =

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

I =

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

In =

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

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

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

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

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

$(25\pi \cos(91\pi/400))/4, (25\pi \cos(9\pi/40))/4, (25\pi \cos(89\pi/400))/4,$
 $(25\pi \cos(11\pi/50))/4, (25\pi \cos(87\pi/400))/4, (25\pi \cos(43\pi/200))/4,$
 $(25\pi \cos(17\pi/80))/4, (25\pi \cos(21\pi/100))/4, (25\pi \cos(83\pi/400))/4,$
 $(25\pi \cos(41\pi/200))/4, (25\pi \cos(81\pi/400))/4, (25\pi \cos(5^{1/2}/4 + 1/4))/4,$
 $(25\pi \cos(79\pi/400))/4, (25\pi \cos(39\pi/200))/4, (25\pi \cos(77\pi/400))/4,$
 $(25\pi \cos(19\pi/100))/4, (25\pi \cos(3\pi/16))/4, (25\pi \cos(37\pi/200))/4,$
 $(25\pi \cos(73\pi/400))/4, (25\pi \cos(9\pi/50))/4, (25\pi \cos(71\pi/400))/4,$
 $(25\pi \cos(7\pi/40))/4, (25\pi \cos(69\pi/400))/4, (25$

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

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

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

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

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

power =

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

Pn =

$$\begin{aligned} & [(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\pi \cos(\pi/1250) \cos(\pi/1250) * (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) \cos(\pi/1000) * (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) \cos(\pi/625) * (5^{1/2} + 1)^{1/2})/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\pi \cos(\pi/500) \cos(\pi/500) * (2^{1/2} + 2)^{1/2})/16, \\ & (25\pi \cos(101\pi/400) \cos(101\pi/50000))/8, (25\pi \cos(51\pi/200) \cos(51\pi/25000))/8, \end{aligned}$$

$(25\pi \cos(103\pi/400) \cos(103\pi/50000))/8$, $(25\pi \cos(13\pi/50) \cos(13\pi/6250))/8$,
 $(25\pi \cos(21\pi/80) \cos(21\pi/10000))/8$, $(25\pi \cos(53\pi/200) \cos(53\pi/25000))/8$,
 $(25\pi \cos(107\pi/400) \cos(107\pi/50000))/8$, $(25\pi \cos(27\pi/100) \cos(27\pi/12500))/8$,
 $(25\pi \cos(109\pi/400) \cos(109\pi/50000))/8$, $(25\pi \cos(11\pi/40) \cos(11\pi/5000))/8$,
 $(25\pi \cos(111\pi/400) \cos(111\pi/50000))/8$, $(25\pi \cos(7\pi/25) \cos(7\pi/3125))/8$,
 $(25\pi \cos(113\pi/400) \cos(113\pi/50000))/8$, $(25\pi \cos(57\pi/200) \cos(57\pi/25000))/8$,
 $(25\pi \cos(23\pi/80) \cos(23\pi/10000))/8$, $(25\pi \cos(29\pi/100) \cos(29\pi/12500))/8$,
 $(25\pi \cos(117\pi/400) \cos(117\pi/50000))/8$, $(25\pi \cos(59\pi/200) \cos(59\pi/25000))/8$,
 $(25\pi \cos(119\pi/400) \cos(119\pi/50000))/8$, $(25 \cdot 2^{1/2} \pi \cos(3\pi/1250) \cdot (5 - 5^{1/2})^{1/2})/32$,
 $(25\pi \cos(121\pi/400) \cos(121\pi/50000))/8$,
 $(25\pi \cos(61\pi/200) \cos(61\pi/25000))/8$, $(25\pi \cos(123\pi/400) \cos(123\pi/50000))/8$,
 $(25\pi \cos(31\pi/100) \cos(31\pi/12500))/8$, $(25\pi \cos(5\pi/16) \cos(\pi/400))/8$,
 $(25\pi \cos(63\pi/200) \cos(63\pi/25000))/8$, $(25\pi \cos(127\pi/400) \cos(127\pi/50000))/8$,
 $(25\pi \cos(8\pi/25) \cos(8\pi/3125))/8$, $(25\pi \cos(129\pi/400) \cos(129\pi/50000))/8$,
 $(25\pi \cos(13\pi/40) \cos(13\pi/5000))/8$, $(25\pi \cos(131\pi/400) \cos(131\pi/50000))/8$,
 $(25\pi \cos(33\pi/100) \cos(33\pi/12500))/8$, $(25\pi \cos(133\pi/400) \cos(133\pi/50000))/8$,
 $(25\pi \cos(67\pi/200) \cos(67\pi/25000))/8$, $(25\pi \cos(27\pi/80) \cos(27\pi/10000))/8$,
 $(25\pi \cos(17\pi/50) \cos(17\pi/6250))/8$, $(25\pi \cos(137\pi/400) \cos(137\pi/50000))/8$,
 $(25\pi \cos(69\pi/200) \cos(69\pi/25000))/8$, $(25\pi \cos(139\pi/400) \cos(139\pi/50000))/8$,
 $(25\pi \cos(7\pi/20) \cos(7\pi/2500))/8$, $(25\pi \cos(141\pi/400) \cos(141\pi/50000))/8$,
 $(25\pi \cos(71\pi/200) \cos(71\pi/25000))/8$, $(25\pi \cos(143\pi/400) \cos(143\pi/50000))/8$,
 $(25\pi \cos(9\pi/25) \cos(9\pi/3125))/8$, $(25\pi \cos(29\pi/80) \cos(29\pi/10000))/8$,
 $(25\pi \cos(73\pi/200) \cos(73\pi/25000))/8$, $(25\pi \cos(147\pi/400) \cos(147\pi/50000))/8$,
 $(25\pi \cos(37\pi/100) \cos(37\pi/12500))/8$, $(25\pi \cos(149\pi/400) \cos(149\pi/50000))/8$,
 $(25\pi \cos(3\pi/1000) \cdot (2 - 2^{1/2})^{1/2})/16$, $(25\pi \cos(151\pi/400) \cos(151\pi/50000))/8$,
 $(25\pi \cos(19\pi/50) \cos(19\pi/6250))/8$, $(25\pi \cos(153\pi/400) \cos(153\pi/50000))/8$,
 $(25\pi \cos(77\pi/200) \cos(77\pi/25000))/8$, $(25\pi \cos(31\pi/80) \cos(31\pi/10000))/8$,
 $(25\pi \cos(39\pi/100) \cos(39\pi/12500))/8$, $(25\pi \cos(157\pi/400) \cos(157\pi/50000))/8$,
 $(25\pi \cos(79\pi/200) \cos(79\pi/25000))/8$, $(25\pi \cos(159\pi/400) \cos(159\pi/50000))/8$,
 $(25\pi \cos(2\pi/625) \cdot (5^{1/2})^{1/4} - 1/4)/8$, $(25\pi \cos(161\pi/400) \cos(161\pi/50000))/8$,
 $(25\pi \cos(81\pi/200) \cos(81\pi/25000))/8$, $(25\pi \cos(163\pi/400) \cos(163\pi/50000))/8$,
 $(25\pi \cos(41\pi/100) \cos(41\pi/12500))/8$, $(25\pi \cos(33\pi/80) \cos(33\pi/10000))/8$,
 $(25\pi \cos(83\pi/200) \cos(83\pi/25000))/8$, $(25\pi \cos(167\pi/400) \cos(167\pi/50000))/8$,
 $(25\pi \cos(21\pi/50) \cos(21\pi/6250))/8$, $(25\pi \cos(169\pi/400) \cos(169\pi/50000))/8$,
 $(25\pi \cos(17\pi/40) \cos(17\pi/5000))/8$, $(25\pi \cos(171\pi/400) \cos(171\pi/50000))/8$,
 $(25\pi \cos(43\pi/100) \cos(43\pi/12500))/8$, $(25\pi \cos(173\pi/400) \cos(173\pi/50000))/8$,
 $(25\pi \cos(87\pi/200) \cos(87\pi/25000))/8$, $(25\pi \cos(7\pi/16) \cos(7\pi/2000))/8$,
 $(25\pi \cos(11\pi/25) \cos(11\pi/3125))/8$, $(25\pi \cos(177\pi/400) \cos(177\pi/50000))/8$,
 $(25\pi \cos(89\pi/200) \cos(89\pi/25000))/8$, $(25\pi \cos(179\pi/400) \cos(179\pi/50000))/8$,
 $(25\pi \cos(9\pi/20) \cos(9\pi/2500))/8$, $(25\pi \cos(181\pi/400) \cos(181\pi/50000))/8$,
 $(25\pi \cos(91\pi/200) \cos(91\pi/25000))/8$, $(25\pi \cos(183\pi/400) \cos(183\pi/50000))/8$,
 $(25\pi \cos(23\pi/50) \cos(23\pi/6250))/8$, $(25\pi \cos(37\pi/80) \cos(37\pi/10000))/8$,
 $(25\pi \cos(93\pi/200) \cos(93\pi/25000))/8$, $(25\pi \cos(187\pi/400) \cos(187\pi/50000))/8$,
 $(25\pi \cos(47\pi/100) \cos(47\pi/12500))/8$, $(25\pi \cos(189\pi/400) \cos(189\pi/50000))/8$,
 $(25\pi \cos(19\pi/40) \cos(19\pi/5000))/8$, $(25\pi \cos(191\pi/400) \cos(191\pi/50000))/8$,
 $(25\pi \cos(12\pi/25) \cos(12\pi/3125))/8$, $(25\pi \cos(193\pi/400) \cos(193\pi/50000))/8$,
 $(25\pi \cos(97\pi/200) \cos(97\pi/25000))/8$, $(25\pi \cos(39\pi/80) \cos(39\pi/10000))/8$,
 $(25\pi \cos(49\pi/100) \cos(49\pi/12500))/8$, $(25\pi \cos(197\pi/400) \cos(197\pi/50000))/8$,
 $(25\pi \cos(99\pi/200) \cos(99\pi/25000))/8$, $(25\pi \cos(199\pi/400) \cos(199\pi/50000))/8$, 0, -
 $(25\pi \cos(199\pi/400) \cos(201\pi/50000))/8$, $-(25\pi \cos(99\pi/200) \cos(101\pi/25000))/8$, -
 $(25\pi \cos(197\pi/400) \cos(203\pi/50000))/8$, $-(25\pi \cos(49\pi/100) \cos(51\pi/12500))/8$, -
 $(25\pi \cos(39\pi/80) \cos(41\pi/10000))/8$, $-(25\pi \cos(97\pi/200) \cos(103\pi/25000))/8$, -
 $(25\pi \cos(193\pi/400) \cos(207\pi/50000))/8$, $-(25\pi \cos(12\pi/25) \cos(13\pi/3125))/8$, -
 $(25\pi \cos(191\pi/400) \cos(209\pi/50000))/8$, $-(25\pi \cos(19\pi/40) \cos(21\pi/5000))/8$, -
 $(25\pi \cos(189\pi/400) \cos(211\pi/50000))/8$, $-(25\pi \cos(47\pi/100) \cos(53\pi/12500))/8$, -
 $(25\pi \cos(187\pi/400) \cos(213\pi/50000))/8$, $-(25\pi \cos(93\pi/200) \cos(107\pi/25000))/8$, -
 $(25\pi \cos(37\pi/80) \cos(43\pi/10000))/8$, $-(25\pi \cos(23\pi/50) \cos(27\pi/6250))/8$, -
 $(25\pi \cos(183\pi/400) \cos(217\pi/50000))/8$, $-(25\pi \cos(91\pi/200) \cos(109\pi/25000))/8$, -
 $(25\pi \cos(181\pi/400) \cos(219\pi/50000))/8$, $-(25\pi \cos(9\pi/20) \cos(11\pi/2500))/8$, -
 $(25\pi \cos(179\pi/400) \cos(221\pi/50000))/8$, $-(25\pi \cos(89\pi/200) \cos(111\pi/25000))/8$, -
 $(25\pi \cos(177\pi/400) \cos(223\pi/50000))/8$, $-(25\pi \cos(11\pi/25) \cos(14\pi/3125))/8$, -
 $(25\pi \cos(7\pi/16) \cos(9\pi/2000))/8$, $-(25\pi \cos(87\pi/200) \cos(113\pi/25000))/8$, -
 $(25\pi \cos(173\pi/400) \cos(227\pi/50000))/8$, $-(25\pi \cos(43\pi/100) \cos(57\pi/12500))/8$, -
 $(25\pi \cos(171\pi/400) \cos(229\pi/50000))/8$, $-(25\pi \cos(17\pi/40) \cos(23\pi/5000))/8$, -
 $(25\pi \cos(169\pi/400) \cos(231\pi/50000))/8$, $-(25\pi \cos(21\pi/50) \cos(29\pi/6250))/8$, -
 $(25\pi \cos(167\pi/400) \cos(233\pi/50000))/8$, $-(25\pi \cos(83\pi/200) \cos(117\pi/25000))/8$, -

$(25\pi \cos(33\pi/80) \cos(47\pi/10000))/8, -(25\pi \cos(41\pi/100) \cos(59\pi/12500))/8, -$
 $(25\pi \cos(163\pi/400) \cos(237\pi/50000))/8, -(25\pi \cos(81\pi/200) \cos(119\pi/25000))/8, -$
 $(25\pi \cos(161\pi/400) \cos(239\pi/50000))/8, -(25\pi \cos(3\pi/625) * (5^{1/2}/4 - 1/4))/8, -$
 $(25\pi \cos(159\pi/400) \cos(241\pi/50000))/8, -(25\pi \cos(79\pi/200) \cos(121\pi/25000))/8, -$
 $(25\pi \cos(157\pi/400) \cos(243\pi/50000))/8, -(25\pi \cos(39\pi/100) \cos(61\pi/12500))/8, -$
 $(25\pi \cos(31\pi/80) \cos(49\pi/10000))/8, -(25\pi \cos(77\pi/200) \cos(123\pi/25000))/8, -$
 $(25\pi \cos(153\pi/400) \cos(247\pi/50000))/8, -(25\pi \cos(19\pi/50) \cos(31\pi/6250))/8, -$
 $(25\pi \cos(151\pi/400) \cos(249\pi/50000))/8, -(25\pi \cos(\pi/200) * (2 - 2^{1/2})^{1/2})/16, -$
 $(25\pi \cos(149\pi/400) \cos(251\pi/50000))/8, -(25\pi \cos(37\pi/100) \cos(63\pi/12500))/8, -$
 $(25\pi \cos(147\pi/400) \cos(253\pi/50000))/8, -(25\pi \cos(73\pi/200) \cos(127\pi/25000))/8, -$
 $(25\pi \cos(29\pi/80) \cos(51\pi/10000))/8, -(25\pi \cos(9\pi/25) \cos(16\pi/3125))/8, -$
 $(25\pi \cos(143\pi/400) \cos(257\pi/50000))/8, -(25\pi \cos(71\pi/200) \cos(129\pi/25000))/8, -$
 $(25\pi \cos(141\pi/400) \cos(259\pi/50000))/8, -(25\pi \cos(7\pi/20) \cos(13\pi/2500))/8, -$
 $(25\pi \cos(139\pi/400) \cos(261\pi/50000))/8, -(25\pi \cos(69\pi/200) \cos(131\pi/25000))/8, -$
 $(25\pi \cos(137\pi/400) \cos(263\pi/50000))/8, -(25\pi \cos(17\pi/50) \cos(33\pi/6250))/8, -$
 $(25\pi \cos(27\pi/80) \cos(53\pi/10000))/8, -(25\pi \cos(67\pi/200) \cos(133\pi/25000))/8, -$
 $(25\pi \cos(133\pi/400) \cos(267\pi/50000))/8, -(25\pi \cos(33\pi/100) \cos(67\pi/12500))/8, -$
 $(25\pi \cos(131\pi/400) \cos(269\pi/50000))/8, -(25\pi \cos(13\pi/40) \cos(27\pi/5000))/8, -$
 $(25\pi \cos(129\pi/400) \cos(271\pi/50000))/8, -(25\pi \cos(8\pi/25) \cos(17\pi/3125))/8, -$
 $(25\pi \cos(127\pi/400) \cos(273\pi/50000))/8, -(25\pi \cos(63\pi/200) \cos(137\pi/25000))/8, -$
 $(25\pi \cos(5\pi/16) \cos(11\pi/2000))/8, -(25\pi \cos(31\pi/100) \cos(69\pi/12500))/8, -$
 $(25\pi \cos(123\pi/400) \cos(277\pi/50000))/8, -(25\pi \cos(61\pi/200) \cos(139\pi/25000))/8, -$
 $(25\pi \cos(121\pi/400) \cos(279\pi/50000))/8, -(25 * 2^{1/2} * \pi \cos(7\pi/1250) * (5 -$
 $5^{1/2})^{1/2})/32, -(25\pi \cos(119\pi/400) \cos(281\pi/50000))/8, -$
 $(25\pi \cos(59\pi/200) \cos(141\pi/25000))/8, -(25\pi \cos(117\pi/400) \cos(283\pi/50000))/8, -$
 $(25\pi \cos(29\pi/100) \cos(71\pi/12500))/8, -(25\pi \cos(23\pi/80) \cos(57\pi/10000))/8, -$
 $(25\pi \cos(57\pi/200) \cos(143\pi/25000))/8, -(25\pi \cos(113\pi/400) \cos(287\pi/50000))/8, -$
 $(25\pi \cos(7\pi/25) \cos(18\pi/3125))/8, -(25\pi \cos(111\pi/400) \cos(289\pi/50000))/8, -$
 $(25\pi \cos(11\pi/40) \cos(29\pi/5000))/8, -(25\pi \cos(109\pi/400) \cos(291\pi/50000))/8, -$
 $(25\pi \cos(29\pi/100) \cos(73\pi/12500))/8, -(25\pi \cos(107\pi/400) \cos(293\pi/50000))/8, -$
 $(25\pi \cos(53\pi/200) \cos(147\pi/25000))/8, -(25\pi \cos(21\pi/80) \cos(59\pi/10000))/8, -$
 $(25\pi \cos(13\pi/50) \cos(37\pi/6250))/8, -(25\pi \cos(103\pi/400) \cos(297\pi/50000))/8, -$
 $(25\pi \cos(51\pi/200) \cos(149\pi/25000))/8, -(25\pi \cos(101\pi/400) \cos(299\pi/50000))/8, -$
 $(25 * 2^{1/2} * \pi \cos(3\pi/500))/16, -(25\pi \cos(99\pi/400) \cos(301\pi/50000))/8, -$
 $(25\pi \cos(49\pi/200) \cos(151\pi/25000))/8, -(25\pi \cos(97\pi/400) \cos(303\pi/50000))/8, -$
 $(25\pi \cos(6\pi/25) \cos(19\pi/3125))/8, -(25\pi \cos(19\pi/80) \cos(61\pi/10000))/8, -$
 $(25\pi \cos(47\pi/200) \cos(153\pi/25000))/8, -(25\pi \cos(93\pi/400) \cos(307\pi/50000))/8, -$
 $(25\pi \cos(23\pi/100) \cos(77\pi/12500))/8, -(25\pi \cos(91\pi/400) \cos(309\pi/50000))/8, -$
 $(25\pi \cos(9\pi/40) \cos(31\pi/5000))/8, -(25\pi \cos(89\pi/400) \cos(311\pi/50000))/8, -$
 $(25\pi \cos(11\pi/50) \cos(39\pi/6250))/8, -(25\pi \cos(87\pi/400) \cos(313\pi/50000))/8, -$
 $(25\pi \cos(43\pi/200) \cos(157\pi/25000))/8, -(25\pi \cos(17\pi/80) \cos(63\pi/10000))/8, -$
 $(25\pi \cos(21\pi/100) \cos(79\pi/12500))/8, -(25\pi \cos(83\pi/400) \cos(317\pi/50000))/8, -$
 $(25\pi \cos(41\pi/200) \cos(159\pi/25000))/8, -(25\pi \cos(81\pi/400) \cos(319\pi/50000))/8, -$
 $(25\pi \cos(4\pi/625) * (5^{1/2}/4 + 1/4))/8, -(25\pi \cos(79\pi/400) \cos(321\pi/50000))/8, -$
 $(25\pi \cos(39\pi/200) \cos(161\pi/25000))/8, -(25\pi \cos(77\pi/400) \cos(323\pi/50000))/8, -$
 $(25\pi \cos(19\pi/100) \cos(81\pi/12500))/8, -(25\pi \cos(3\pi/16) \cos(13\pi/2000))/8, -$
 $(25\pi \cos(13\pi/200) \cos(163\pi/25000))/8, -(25\pi \cos(73\pi/400) \cos(327\pi/50000))/8, -$
 $(25\pi \cos(9\pi/50) \cos(41\pi/6250))/8, -(25\pi \cos(71\pi/400) \cos(329\pi/50000))/8, -$
 $(25\pi \cos(7\pi/40) \cos(33\pi/5000))/8, -(25\pi \cos(69\pi/400) \cos(331\pi/50000))/8, -$
 $(25\pi \cos(17\pi/100) \cos(83\pi/12500))/8, -(25\pi \cos(67\pi/400) \cos(333\pi/50000))/8, -$
 $(25\pi \cos(33\pi/200) \cos(167\pi/25000))/8, -(25\pi \cos(13\pi/80) \cos(67\pi/10000))/8, -$
 $(25\pi \cos(4\pi/25) \cos(21\pi/3125))/8, -(25\pi \cos(63\pi/400) \cos(337\pi/50000))/8, -$
 $(25\pi \cos(31\pi/200) \cos(169\pi/25000))/8, -(25\pi \cos(61\pi/400) \cos(339\pi/50000))/8, -$
 $(25\pi \cos(3\pi/20) \cos(17\pi/2500))/8, -(25\pi \cos(59\pi/400) \cos(341\pi/50000))/8, -$
 $(25\pi \cos(29\pi/200) \cos(171\pi/25000))/8, -(25\pi \cos(57\pi/400) \cos(343\pi/50000))/8, -$
 $(25\pi \cos(7\pi/50) \cos(43\pi/6250))/8, -(25\pi \cos(11\pi/80) \cos(69\pi/10000))/8, -$
 $(25\pi \cos(27\pi/200) \cos(173\pi/25000))/8, -(25\pi \cos(53\pi/400) \cos(347\pi/50000))/8, -$
 $(25\pi \cos(13\pi/100) \cos(87\pi/12500))/8, -(25\pi \cos(51\pi/400) \cos(349\pi/50000))/8, -$
 $(25\pi \cos(7\pi/1000) * (2^{1/2} + 2)^{1/2})/16, -(25\pi \cos(49\pi/400) \cos(351\pi/50000))/8, -$
 $(25\pi \cos(3\pi/25) \cos(22\pi/3125))/8, -(25\pi \cos(47\pi/400) \cos(353\pi/50000))/8, -$
 $(25\pi \cos(23\pi/200) \cos(177\pi/25000))/8, -(25\pi \cos(9\pi/80) \cos(71\pi/10000))/8, -$
 $(25\pi \cos(11\pi/100) \cos(89\pi/12500))/8, -(25\pi \cos(43\pi/400) \cos(357\pi/50000))/8, -$
 $(25\pi \cos(21\pi/200) \cos(179\pi/25000))/8, -(25\pi \cos(41\pi/400) \cos(359\pi/50000))/8, -$
 $(25 * 2^{1/2} * \pi \cos(9\pi/1250) * (5^{1/2} + 5)^{1/2})/32, -$
 $(25\pi \cos(39\pi/400) \cos(361\pi/50000))/8, -(25\pi \cos(19\pi/200) \cos(181\pi/25000))/8, -$
 $(25\pi \cos(37\pi/400) \cos(363\pi/50000))/8, -(25\pi \cos(9\pi/100) \cos(91\pi/12500))/8, -$

$(25\pi \cos(7\pi/80) \cos(73\pi/10000))/8, -(25\pi \cos(17\pi/200) \cos(183\pi/25000))/8, -$
 $(25\pi \cos(33\pi/400) \cos(367\pi/50000))/8, -(25\pi \cos(2\pi/25) \cos(23\pi/3125))/8, -$
 $(25\pi \cos(31\pi/400) \cos(369\pi/50000))/8, -(25\pi \cos(3\pi/40) \cos(37\pi/5000))/8, -$
 $(25\pi \cos(29\pi/400) \cos(371\pi/50000))/8, -(25\pi \cos(7\pi/100) \cos(93\pi/12500))/8, -$
 $(25\pi \cos(27\pi/400) \cos(373\pi/50000))/8, -(25\pi \cos(13\pi/200) \cos(187\pi/25000))/8, -$
 $(25\pi \cos(\pi/16) \cos(3\pi/400))/8, -(25\pi \cos(3\pi/50) \cos(47\pi/6250))/8, -$
 $(25\pi \cos(23\pi/400) \cos(377\pi/50000))/8, -(25\pi \cos(11\pi/200) \cos(189\pi/25000))/8, -$
 $(25\pi \cos(21\pi/400) \cos(379\pi/50000))/8, -(25\pi \cos(\pi/20) \cos(19\pi/2500))/8, -$
 $(25\pi \cos(19\pi/400) \cos(381\pi/50000))/8, -(25\pi \cos(9\pi/200) \cos(191\pi/25000))/8, -$
 $(25\pi \cos(17\pi/400) \cos(383\pi/50000))/8, -(25\pi \cos(\pi/25) \cos(24\pi/3125))/8, -$
 $(25\pi \cos(3\pi/80) \cos(77\pi/10000))/8, -(25\pi \cos(7\pi/200) \cos(193\pi/25000))/8, -$
 $(25\pi \cos(13\pi/400) \cos(387\pi/50000))/8, -(25\pi \cos(3\pi/100) \cos(97\pi/12500))/8, -$
 $(25\pi \cos(11\pi/400) \cos(389\pi/50000))/8, -(25\pi \cos(\pi/40) \cos(39\pi/5000))/8, -$
 $(25\pi \cos(9\pi/400) \cos(391\pi/50000))/8, -(25\pi \cos(\pi/50) \cos(49\pi/6250))/8, -$
 $(25\pi \cos(7\pi/400) \cos(393\pi/50000))/8, -(25\pi \cos(3\pi/200) \cos(197\pi/25000))/8, -$
 $(25\pi \cos(\pi/80) \cos(79\pi/10000))/8, -(25\pi \cos(\pi/100) \cos(99\pi/12500))/8, -$
 $(25\pi \cos(3\pi/400) \cos(397\pi/50000))/8, -(25\pi \cos(\pi/200) \cos(199\pi/25000))/8, -$
 $(25\pi \cos(\pi/400) \cos(399\pi/50000))/8, -(25\pi \cos(\pi/125))/8, -$
 $(25\pi \cos(\pi/400) \cos(401\pi/50000))/8, -(25\pi \cos(\pi/200) \cos(201\pi/25000))/8, -$
 $(25\pi \cos(3\pi/400) \cos(403\pi/50000))/8, -(25\pi \cos(\pi/100) \cos(101\pi/12500))/8, -$
 $(25\pi \cos(\pi/80) \cos(81\pi/10000))/8, -(25\pi \cos(3\pi/200) \cos(203\pi/25000))/8, -$
 $(25\pi \cos(7\pi/400) \cos(407\pi/50000))/8, -(25\pi \cos(\pi/50) \cos(51\pi/6250))/8, -$
 $(25\pi \cos(9\pi/400) \cos(409\pi/50000))/8, -(25\pi \cos(\pi/40) \cos(41\pi/5000))/8, -$
 $(25\pi \cos(11\pi/400) \cos(411\pi/50000))/8, -(25\pi \cos(3\pi/100) \cos(103\pi/12500))/8, -$
 $(25\pi \cos(13\pi/400) \cos(413\pi/50000))/8, -(25\pi \cos(7\pi/200) \cos(207\pi/25000))/8, -$
 $(25\pi \cos(3\pi/80) \cos(83\pi/10000))/8, -(25\pi \cos(\pi/25) \cos(26\pi/3125))/8, -$
 $(25\pi \cos(17\pi/400) \cos(417\pi/50000))/8, -(25\pi \cos(9\pi/200) \cos(209\pi/25000))/8, -$
 $(25\pi \cos(19\pi/400) \cos(419\pi/50000))/8, -(25\pi \cos(\pi/20) \cos(21\pi/2500))/8, -$
 $(25\pi \cos(21\pi/400) \cos(421\pi/50000))/8, -(25\pi \cos(11\pi/200) \cos(211\pi/25000))/8, -$
 $(25\pi \cos(23\pi/400) \cos(423\pi/50000))/8, -(25\pi \cos(3\pi/50) \cos(53\pi/6250))/8, -$
 $(25\pi \cos(\pi/16) \cos(17\pi/2000))/8, -(25\pi \cos(13\pi/200) \cos(213\pi/25000))/8, -$
 $(25\pi \cos(27\pi/400) \cos(427\pi/50000))/8, -(25\pi \cos(7\pi/100) \cos(107\pi/12500))/8, -$
 $(25\pi \cos(29\pi/400) \cos(429\pi/50000))/8, -(25\pi \cos(3\pi/40) \cos(43\pi/5000))/8, -$
 $(25\pi \cos(31\pi/400) \cos(431\pi/50000))/8, -(25\pi \cos(2\pi/25) \cos(27\pi/3125))/8, -$
 $(25\pi \cos(33\pi/400) \cos(433\pi/50000))/8, -(25\pi \cos(17\pi/200) \cos(217\pi/25000))/8, -$
 $(25\pi \cos(7\pi/80) \cos(87\pi/10000))/8, -(25\pi \cos(9\pi/100) \cos(109\pi/12500))/8, -$
 $(25\pi \cos(37\pi/400) \cos(437\pi/50000))/8, -(25\pi \cos(19\pi/200) \cos(219\pi/25000))/8, -$
 $(25\pi \cos(39\pi/400) \cos(439\pi/50000))/8, -(25 \cdot 2^{1/2} \cdot \pi \cos(11\pi/1250) \cdot (5^{1/2} +$
 $5)^{1/2})/32, -(25\pi \cos(41\pi/400) \cos(441\pi/50000))/8, -$
 $(25\pi \cos(21\pi/200) \cos(221\pi/25000))/8, -(25\pi \cos(43\pi/400) \cos(443\pi/50000))/8, -$
 $(25\pi \cos(11\pi/100) \cos(111\pi/12500))/8, -(25\pi \cos(9\pi/80) \cos(89\pi/10000))/8, -$
 $(25\pi \cos(23\pi/200) \cos(223\pi/25000))/8, -(25\pi \cos(47\pi/400) \cos(447\pi/50000))/8, -$
 $(25\pi \cos(3\pi/25) \cos(28\pi/3125))/8, -(25\pi \cos(49\pi/400) \cos(449\pi/50000))/8, -$
 $(25\pi \cos(9\pi/1000) \cdot (2^{1/2} + 2)^{1/2})/16, -(25\pi \cos(51\pi/400) \cos(451\pi/50000))/8, -$
 $(25\pi \cos(13\pi/100) \cos(113\pi/12500))/8, -(25\pi \cos(53\pi/400) \cos(453\pi/50000))/8, -$
 $(25\pi \cos(27\pi/200) \cos(227\pi/25000))/8, -(25\pi \cos(11\pi/80) \cos(91\pi/10000))/8, -$
 $(25\pi \cos(7\pi/50) \cos(57\pi/6250))/8, -(25\pi \cos(57\pi/400) \cos(457\pi/50000))/8, -$
 $(25\pi \cos(29\pi/200) \cos(229\pi/25000))/8, -(25\pi \cos(59\pi/400) \cos(459\pi/50000))/8, -$
 $(25\pi \cos(3\pi/20) \cos(23\pi/2500))/8, -(25\pi \cos(61\pi/400) \cos(461\pi/50000))/8, -$
 $(25\pi \cos(31\pi/200) \cos(231\pi/25000))/8, -(25\pi \cos(63\pi/400) \cos(463\pi/50000))/8, -$
 $(25\pi \cos(4\pi/25) \cos(29\pi/3125))/8, -(25\pi \cos(13\pi/80) \cos(93\pi/10000))/8, -$
 $(25\pi \cos(33\pi/200) \cos(233\pi/25000))/8, -(25\pi \cos(67\pi/400) \cos(467\pi/50000))/8, -$
 $(25\pi \cos(17\pi/100) \cos(117\pi/12500))/8, -(25\pi \cos(69\pi/400) \cos(469\pi/50000))/8, -$
 $(25\pi \cos(7\pi/40) \cos(47\pi/5000))/8, -(25\pi \cos(71\pi/400) \cos(471\pi/50000))/8, -$
 $(25\pi \cos(9\pi/50) \cos(59\pi/6250))/8, -(25\pi \cos(73\pi/400) \cos(473\pi/50000))/8, -$
 $(25\pi \cos(37\pi/200) \cos(237\pi/25000))/8, -(25\pi \cos(3\pi/16) \cos(19\pi/2000))/8, -$
 $(25\pi \cos(19\pi/100) \cos(119\pi/12500))/8, -(25\pi \cos(77\pi/400) \cos(477\pi/50000))/8, -$
 $(25\pi \cos(39\pi/200) \cos(239\pi/25000))/8, -(25\pi \cos(79\pi/400) \cos(479\pi/50000))/8, -$
 $(25\pi \cos(6\pi/625) \cdot (5^{1/2}/4 + 1/4))/8, -(25\pi \cos(81\pi/400) \cos(481\pi/50000))/8, -$
 $(25\pi \cos(41\pi/200) \cos(241\pi/25000))/8, -(25\pi \cos(83\pi/400) \cos(483\pi/50000))/8, -$
 $(25\pi \cos(21\pi/100) \cos(121\pi/12500))/8, -(25\pi \cos(17\pi/80) \cos(97\pi/10000))/8, -$
 $(25\pi \cos(43\pi/200) \cos(243\pi/25000))/8, -(25\pi \cos(87\pi/400) \cos(487\pi/50000))/8, -$
 $(25\pi \cos(11\pi/50) \cos(61\pi/6250))/8, -(25\pi \cos(89\pi/400) \cos(489\pi/50000))/8, -$
 $(25\pi \cos(9\pi/40) \cos(49\pi/5000))/8, -(25\pi \cos(91\pi/400) \cos(491\pi/50000))/8, -$
 $(25\pi \cos(23\pi/100) \cos(123\pi/12500))/8, -(25\pi \cos(93\pi/400) \cos(493\pi/50000))/8, -$
 $(25\pi \cos(47\pi/200) \cos(247\pi/25000))/8, -(25\pi \cos(19\pi/80) \cos(99\pi/10000))/8, -$

$(25\pi \cos(6\pi/25) \cos(31\pi/3125))/8, -(25\pi \cos(97\pi/400) \cos(497\pi/50000))/8, -$
 $(25\pi \cos(49\pi/200) \cos(249\pi/25000))/8, -(25\pi \cos(99\pi/400) \cos(499\pi/50000))/8, -$
 $(25^2 \cdot (1/2) \pi \cos(\pi/100))/16, -(25\pi \cos(101\pi/400) \cos(501\pi/50000))/8, -$
 $(25\pi \cos(51\pi/200) \cos(251\pi/25000))/8, -(25\pi \cos(103\pi/400) \cos(503\pi/50000))/8, -$
 $(25\pi \cos(13\pi/50) \cos(63\pi/6250))/8, -(25\pi \cos(21\pi/80) \cos(101\pi/10000))/8, -$
 $(25\pi \cos(53\pi/200) \cos(253\pi/25000))/8, -(25\pi \cos(107\pi/400) \cos(507\pi/50000))/8, -$
 $(25\pi \cos(27\pi/100) \cos(127\pi/12500))/8, -(25\pi \cos(109\pi/400) \cos(509\pi/50000))/8, -$
 $(25\pi \cos(11\pi/40) \cos(51\pi/5000))/8, -(25\pi \cos(111\pi/400) \cos(511\pi/50000))/8, -$
 $(25\pi \cos(7\pi/25) \cos(32\pi/3125))/8, -(25\pi \cos(113\pi/400) \cos(513\pi/50000))/8, -$
 $(25\pi \cos(57\pi/200) \cos(257\pi/25000))/8, -(25\pi \cos(23\pi/80) \cos(103\pi/10000))/8, -$
 $(25\pi \cos(29\pi/100) \cos(129\pi/12500))/8, -(25\pi \cos(117\pi/400) \cos(517\pi/50000))/8, -$
 $(25\pi \cos(59\pi/200) \cos(259\pi/25000))/8, -(25\pi \cos(119\pi/400) \cos(519\pi/50000))/8, -$
 $(25^2 \cdot (1/2) \pi \cos(13\pi/1250) \cdot (5 - 5^{1/2})^{1/2})/32, -$
 $(25\pi \cos(121\pi/400) \cos(521\pi/50000))/8, -(25\pi \cos(61\pi/200) \cos(261\pi/25000))/8, -$
 $(25\pi \cos(123\pi/400) \cos(523\pi/50000))/8, -(25\pi \cos(31\pi/100) \cos(131\pi/12500))/8, -$
 $(25\pi \cos(5\pi/16) \cos(21\pi/2000))/8, -(25\pi \cos(63\pi/200) \cos(263\pi/25000))/8, -$
 $(25\pi \cos(127\pi/400) \cos(527\pi/50000))/8, -(25\pi \cos(8\pi/25) \cos(33\pi/3125))/8, -$
 $(25\pi \cos(129\pi/400) \cos(529\pi/50000))/8, -(25\pi \cos(13\pi/40) \cos(53\pi/5000))/8, -$
 $(25\pi \cos(131\pi/400) \cos(531\pi/50000))/8, -(25\pi \cos(33\pi/100) \cos(133\pi/12500))/8, -$
 $(25\pi \cos(133\pi/400) \cos(533\pi/50000))/8, -(25\pi \cos(67\pi/200) \cos(267\pi/25000))/8, -$
 $(25\pi \cos(27\pi/80) \cos(107\pi/10000))/8, -(25\pi \cos(17\pi/50) \cos(67\pi/6250))/8, -$
 $(25\pi \cos(137\pi/400) \cos(537\pi/50000))/8, -(25\pi \cos(69\pi/200) \cos(269\pi/25000))/8, -$
 $(25\pi \cos(139\pi/400) \cos(539\pi/50000))/8, -(25\pi \cos(7\pi/20) \cos(27\pi/2500))/8, -$
 $(25\pi \cos(141\pi/400) \cos(541\pi/50000))/8, -(25\pi \cos(71\pi/200) \cos(271\pi/25000))/8, -$
 $(25\pi \cos(143\pi/400) \cos(543\pi/50000))/8, -(25\pi \cos(9\pi/25) \cos(34\pi/3125))/8, -$
 $(25\pi \cos(29\pi/80) \cos(109\pi/10000))/8, -(25\pi \cos(73\pi/200) \cos(273\pi/25000))/8, -$
 $(25\pi \cos(147\pi/400) \cos(547\pi/50000))/8, -(25\pi \cos(37\pi/100) \cos(137\pi/12500))/8, -$
 $(25\pi \cos(149\pi/400) \cos(549\pi/50000))/8, -(25\pi \cos(11\pi/1000) \cdot (2 - 2^{1/2})^{1/2})/16, -$
 $(25\pi \cos(151\pi/400) \cos(551\pi/50000))/8, -(25\pi \cos(19\pi/50) \cos(69\pi/6250))/8, -$
 $(25\pi \cos(153\pi/400) \cos(553\pi/50000))/8, -(25\pi \cos(77\pi/200) \cos(277\pi/25000))/8, -$
 $(25\pi \cos(33\pi/80) \cos(113\pi/10000))/8, -(25\pi \cos(39\pi/100) \cos(139\pi/12500))/8, -$
 $(25\pi \cos(157\pi/400) \cos(557\pi/50000))/8, -(25\pi \cos(79\pi/200) \cos(279\pi/25000))/8, -$
 $(25\pi \cos(159\pi/400) \cos(559\pi/50000))/8, -(25\pi \cos(7\pi/625) \cdot (5^{1/2})^{1/4} - 1/4)/8, -$
 $(25\pi \cos(161\pi/400) \cos(561\pi/50000))/8, -(25\pi \cos(81\pi/200) \cos(281\pi/25000))/8, -$
 $(25\pi \cos(163\pi/400) \cos(563\pi/50000))/8, -(25\pi \cos(41\pi/100) \cos(141\pi/12500))/8, -$
 $(25\pi \cos(33\pi/80) \cos(113\pi/10000))/8, -(25\pi \cos(83\pi/200) \cos(283\pi/25000))/8, -$
 $(25\pi \cos(167\pi/400) \cos(567\pi/50000))/8, -(25\pi \cos(21\pi/50) \cos(71\pi/6250))/8, -$
 $(25\pi \cos(169\pi/400) \cos(569\pi/50000))/8, -(25\pi \cos(17\pi/40) \cos(57\pi/5000))/8, -$
 $(25\pi \cos(171\pi/400) \cos(571\pi/50000))/8, -(25\pi \cos(43\pi/100) \cos(143\pi/12500))/8, -$
 $(25\pi \cos(173\pi/400) \cos(573\pi/50000))/8, -(25\pi \cos(87\pi/200) \cos(287\pi/25000))/8, -$
 $(25\pi \cos(7\pi/16) \cos(23\pi/2000))/8, -(25\pi \cos(11\pi/25) \cos(36\pi/3125))/8, -$
 $(25\pi \cos(177\pi/400) \cos(577\pi/50000))/8, -(25\pi \cos(89\pi/200) \cos(289\pi/25000))/8, -$
 $(25\pi \cos(179\pi/400) \cos(579\pi/50000))/8, -(25\pi \cos(9\pi/20) \cos(29\pi/2500))/8, -$
 $(25\pi \cos(181\pi/400) \cos(581\pi/50000))/8, -(25\pi \cos(91\pi/200) \cos(291\pi/25000))/8, -$
 $(25\pi \cos(183\pi/400) \cos(583\pi/50000))/8, -(25\pi \cos(23\pi/50) \cos(73\pi/6250))/8, -$
 $(25\pi \cos(37\pi/80) \cos(117\pi/10000))/8, -(25\pi \cos(93\pi/200) \cos(293\pi/25000))/8, -$
 $(25\pi \cos(187\pi/400) \cos(587\pi/50000))/8, -(25\pi \cos(47\pi/100) \cos(147\pi/12500))/8, -$
 $(25\pi \cos(189\pi/400) \cos(589\pi/50000))/8, -(25\pi \cos(19\pi/40) \cos(59\pi/5000))/8, -$
 $(25\pi \cos(191\pi/400) \cos(591\pi/50000))/8, -(25\pi \cos(12\pi/25) \cos(37\pi/3125))/8, -$
 $(25\pi \cos(193\pi/400) \cos(593\pi/50000))/8, -(25\pi \cos(97\pi/200) \cos(297\pi/25000))/8, -$
 $(25\pi \cos(39\pi/80) \cos(119\pi/10000))/8, -(25\pi \cos(49\pi/100) \cos(149\pi/12500))/8, -$
 $(25\pi \cos(197\pi/400) \cos(597\pi/50000))/8, -(25\pi \cos(99\pi/200) \cos(299\pi/25000))/8, -$
 $(25\pi \cos(199\pi/400) \cos(599\pi/50000))/8, 0, (25\pi \cos(199\pi/400) \cos(601\pi/50000))/8, -$
 $(25\pi \cos(99\pi/200) \cos(301\pi/25000))/8, (25\pi \cos(197\pi/400) \cos(603\pi/50000))/8, -$
 $(25\pi \cos(49\pi/100) \cos(151\pi/12500))/8, (25\pi \cos(39\pi/80) \cos(121\pi/10000))/8, -$
 $(25\pi \cos(97\pi/200) \cos(303\pi/25000))/8, (25\pi \cos(193\pi/400) \cos(607\pi/50000))/8, -$
 $(25\pi \cos(12\pi/25) \cos(38\pi/3125))/8, (25\pi \cos(191\pi/400) \cos(609\pi/50000))/8, -$
 $(25\pi \cos(19\pi/40) \cos(61\pi/5000))/8, (25\pi \cos(189\pi/400) \cos(611\pi/50000))/8, -$
 $(25\pi \cos(47\pi/100) \cos(153\pi/12500))/8, (25\pi \cos(187\pi/400) \cos(613\pi/50000))/8, -$
 $(25\pi \cos(93\pi/200) \cos(307\pi/25000))/8, (25\pi \cos(37\pi/80) \cos(123\pi/10000))/8, -$
 $(25\pi \cos(23\pi/50) \cos(77\pi/6250))/8, (25\pi \cos(183\pi/400) \cos(617\pi/50000))/8, -$
 $(25\pi \cos(91\pi/200) \cos(309\pi/25000))/8, (25\pi \cos(181\pi/400) \cos(619\pi/50000))/8, -$
 $(25\pi \cos(9\pi/20) \cos(31\pi/2500))/8, (25\pi \cos(179\pi/400) \cos(621\pi/50000))/8, -$
 $(25\pi \cos(89\pi/200) \cos(311\pi/25000))/8, (25\pi \cos(177\pi/400) \cos(623\pi/50000))/8, -$
 $(25\pi \cos(11\pi/25) \cos(39\pi/3125))/8, (25\pi \cos(7\pi/16) \cos(\pi/80))/8, -$
 $(25\pi \cos(87\pi/200) \cos(313\pi/25000))/8, (25\pi \cos(173\pi/400) \cos(627\pi/50000))/8, -$

$(25\pi \cos(43\pi/100) \cos(157\pi/12500))/8$, $(25\pi \cos(171\pi/400) \cos(629\pi/50000))/8$,
 $(25\pi \cos(17\pi/40) \cos(63\pi/5000))/8$, $(25\pi \cos(169\pi/400) \cos(631\pi/50000))/8$,
 $(25\pi \cos(21\pi/50) \cos(79\pi/6250))/8$, $(25\pi \cos(167\pi/400) \cos(633\pi/50000))/8$,
 $(25\pi \cos(83\pi/200) \cos(317\pi/25000))/8$, $(25\pi \cos(33\pi/80) \cos(127\pi/10000))/8$,
 $(25\pi \cos(41\pi/100) \cos(159\pi/12500))/8$, $(25\pi \cos(163\pi/400) \cos(637\pi/50000))/8$,
 $(25\pi \cos(81\pi/200) \cos(319\pi/25000))/8$, $(25\pi \cos(161\pi/400) \cos(639\pi/50000))/8$,
 $(25\pi \cos(8\pi/625) * (5^{1/2}/4 - 1/4))/8$, $(25\pi \cos(159\pi/400) \cos(641\pi/50000))/8$,
 $(25\pi \cos(79\pi/200) \cos(321\pi/25000))/8$, $(25\pi \cos(157\pi/400) \cos(643\pi/50000))/8$,
 $(25\pi \cos(39\pi/100) \cos(161\pi/12500))/8$, $(25\pi \cos(31\pi/80) \cos(129\pi/10000))/8$,
 $(25\pi \cos(77\pi/200) \cos(323\pi/25000))/8$, $(25\pi \cos(153\pi/400) \cos(647\pi/50000))/8$,
 $(25\pi \cos(19\pi/50) \cos(81\pi/6250))/8$, $(25\pi \cos(151\pi/400) \cos(649\pi/50000))/8$,
 $(25\pi \cos(13\pi/1000) * (2 - 2^{1/2})^{1/2})/16$, $(25\pi \cos(149\pi/400) \cos(651\pi/50000))/8$,
 $(25\pi \cos(37\pi/100) \cos(163\pi/12500))/8$, $(25\pi \cos(147\pi/400) \cos(653\pi/50000))/8$,
 $(25\pi \cos(73\pi/200) \cos(327\pi/25000))/8$, $(25\pi \cos(29\pi/80) \cos(131\pi/10000))/8$,
 $(25\pi \cos(9\pi/25) \cos(41\pi/3125))/8$, $(25\pi \cos(143\pi/400) \cos(657\pi/50000))/8$,
 $(25\pi \cos(71\pi/200) \cos(329\pi/25000))/8$, $(25\pi \cos(141\pi/400) \cos(659\pi/50000))/8$,
 $(25\pi \cos(7\pi/20) \cos(33\pi/2500))/8$, $(25\pi \cos(139\pi/400) \cos(661\pi/50000))/8$,
 $(25\pi \cos(69\pi/200) \cos(331\pi/25000))/8$, $(25\pi \cos(137\pi/400) \cos(663\pi/50000))/8$,
 $(25\pi \cos(17\pi/50) \cos(83\pi/6250))/8$, $(25\pi \cos(27\pi/80) \cos(133\pi/10000))/8$,
 $(25\pi \cos(67\pi/200) \cos(333\pi/25000))/8$, $(25\pi \cos(133\pi/400) \cos(667\pi/50000))/8$,
 $(25\pi \cos(33\pi/100) \cos(167\pi/12500))/8$, $(25\pi \cos(131\pi/400) \cos(669\pi/50000))/8$,
 $(25\pi \cos(13\pi/40) \cos(67\pi/5000))/8$, $(25\pi \cos(129\pi/400) \cos(671\pi/50000))/8$,
 $(25\pi \cos(8\pi/25) \cos(42\pi/3125))/8$, $(25\pi \cos(127\pi/400) \cos(673\pi/50000))/8$,
 $(25\pi \cos(63\pi/200) \cos(337\pi/25000))/8$, $(25\pi \cos(5\pi/16) \cos(27\pi/2000))/8$,
 $(25\pi \cos(31\pi/100) \cos(169\pi/12500))/8$, $(25\pi \cos(123\pi/400) \cos(677\pi/50000))/8$,
 $(25\pi \cos(61\pi/200) \cos(339\pi/25000))/8$, $(25\pi \cos(121\pi/400) \cos(679\pi/50000))/8$,
 $(25 * 2^{1/2} * \pi * \cos(17\pi/1250) * (5 - 5^{1/2})^{1/2})/32$,
 $(25\pi \cos(119\pi/400) \cos(681\pi/50000))/8$, $(25\pi \cos(59\pi/200) \cos(341\pi/25000))/8$,
 $(25\pi \cos(117\pi/400) \cos(683\pi/50000))/8$, $(25\pi \cos(29\pi/100) \cos(171\pi/12500))/8$,
 $(25\pi \cos(23\pi/80) \cos(137\pi/10000))/8$, $(25\pi \cos(57\pi/200) \cos(343\pi/25000))/8$,
 $(25\pi \cos(113\pi/400) \cos(687\pi/50000))/8$, $(25\pi \cos(7\pi/25) \cos(43\pi/3125))/8$,
 $(25\pi \cos(111\pi/400) \cos(689\pi/50000))/8$, $(25\pi \cos(11\pi/40) \cos(69\pi/5000))/8$,
 $(25\pi \cos(109\pi/400) \cos(691\pi/50000))/8$, $(25\pi \cos(27\pi/100) \cos(173\pi/12500))/8$,
 $(25\pi \cos(107\pi/400) \cos(693\pi/50000))/8$, $(25\pi \cos(53\pi/200) \cos(347\pi/25000))/8$,
 $(25\pi \cos(21\pi/80) \cos(139\pi/10000))/8$, $(25\pi \cos(13\pi/50) \cos(87\pi/6250))/8$,
 $(25\pi \cos(103\pi/400) \cos(697\pi/50000))/8$, $(25\pi \cos(51\pi/200) \cos(349\pi/25000))/8$,
 $(25\pi \cos(101\pi/400) \cos(699\pi/50000))/8$, $(25 * 2^{1/2} * \pi * \cos(7\pi/500))/16$,
 $(25\pi \cos(99\pi/400) \cos(701\pi/50000))/8$, $(25\pi \cos(49\pi/200) \cos(351\pi/25000))/8$,
 $(25\pi \cos(97\pi/400) \cos(703\pi/50000))/8$, $(25\pi \cos(6\pi/25) \cos(44\pi/3125))/8$,
 $(25\pi \cos(19\pi/80) \cos(141\pi/10000))/8$, $(25\pi \cos(47\pi/200) \cos(353\pi/25000))/8$,
 $(25\pi \cos(93\pi/400) \cos(707\pi/50000))/8$, $(25\pi \cos(23\pi/100) \cos(177\pi/12500))/8$,
 $(25\pi \cos(91\pi/400) \cos(709\pi/50000))/8$, $(25\pi \cos(9\pi/40) \cos(71\pi/5000))/8$,
 $(25\pi \cos(89\pi/400) \cos(711\pi/50000))/8$, $(25\pi \cos(11\pi/50) \cos(89\pi/6250))/8$,
 $(25\pi \cos(87\pi/400) \cos(713\pi/50000))/8$, $(25\pi \cos(43\pi/200) \cos(357\pi/25000))/8$,
 $(25\pi \cos(17\pi/80) \cos(143\pi/10000))/8$, $(25\pi \cos(21\pi/100) \cos(179\pi/12500))/8$,
 $(25\pi \cos(83\pi/400) \cos(717\pi/50000))/8$, $(25\pi \cos(41\pi/200) \cos(359\pi/25000))/8$,
 $(25\pi \cos(81\pi/400) \cos(719\pi/50000))/8$, $(25\pi \cos(9\pi/625) * (5^{1/2}/4 + 1/4))/8$,
 $(25\pi \cos(79\pi/400) \cos(721\pi/50000))/8$, $(25\pi \cos(39\pi/200) \cos(361\pi/25000))/8$,
 $(25\pi \cos(77\pi/400) \cos(723\pi/50000))/8$, $(25\pi \cos(19\pi/100) \cos(181\pi/12500))/8$,
 $(25\pi \cos(3\pi/16) \cos(29\pi/2000))/8$, $(25\pi \cos(37\pi/200) \cos(363\pi/25000))/8$,
 $(25\pi \cos(73\pi/400) \cos(727\pi/50000))/8$, $(25\pi \cos(9\pi/50) \cos(91\pi/6250))/8$,
 $(25\pi \cos(71\pi/400) \cos(729\pi/50000))/8$, $(25\pi \cos(7\pi/40) \cos(73\pi/5000))/8$,
 $(25\pi \cos(69\pi/400) \cos(731\pi/50000))/8$, $(25\pi \cos(17\pi/100) \cos(183\pi/12500))/8$,
 $(25\pi \cos(67\pi/400) \cos(733\pi/50000))/8$, $(25\pi \cos(33\pi/200) \cos(367\pi/25000))/8$,
 $(25\pi \cos(13\pi/80) \cos(147\pi/10000))/8$, $(25\pi \cos(4\pi/25) \cos(46\pi/3125))/8$,
 $(25\pi \cos(63\pi/400) \cos(737\pi/50000))/8$, $(25\pi \cos(31\pi/200) \cos(369\pi/25000))/8$,
 $(25\pi \cos(61\pi/400) \cos(739\pi/50000))/8$, $(25\pi \cos(3\pi/20) \cos(37\pi/2500))/8$,
 $(25\pi \cos(59\pi/400) \cos(741\pi/50000))/8$, $(25\pi \cos(29\pi/200) \cos(371\pi/25000))/8$,
 $(25\pi \cos(57\pi/400) \cos(743\pi/50000))/8$, $(25\pi \cos(7\pi/50) \cos(93\pi/6250))/8$,
 $(25\pi \cos(11\pi/80) \cos(149\pi/10000))/8$, $(25\pi \cos(27\pi/200) \cos(373\pi/25000))/8$,
 $(25\pi \cos(53\pi/400) \cos(747\pi/50000))/8$, $(25\pi \cos(13\pi/100) \cos(187\pi/12500))/8$,
 $(25\pi \cos(51\pi/400) \cos(749\pi/50000))/8$, $(25\pi \cos(3\pi/200) * (2^{1/2} + 2)^{1/2})/16$,
 $(25\pi \cos(49\pi/400) \cos(751\pi/50000))/8$, $(25\pi \cos(3\pi/25) \cos(47\pi/3125))/8$,
 $(25\pi \cos(47\pi/400) \cos(753\pi/50000))/8$, $(25\pi \cos(23\pi/200) \cos(377\pi/25000))/8$,
 $(25\pi \cos(9\pi/80) \cos(151\pi/10000))/8$, $(25\pi \cos(11\pi/100) \cos(189\pi/12500))/8$,
 $(25\pi \cos(43\pi/400) \cos(757\pi/50000))/8$, $(25\pi \cos(21\pi/200) \cos(379\pi/25000))/8$,

$(25\pi\cos(41\pi/40)\cos(759\pi/50000))/8, (25\cdot 2^{1/2}\pi\cos(19\pi/1250)\cdot(5^{1/2} + 5)^{1/2})/32, (25\pi\cos(39\pi/40)\cos(761\pi/50000))/8,$
 $(25\pi\cos(19\pi/20)\cos(381\pi/25000))/8, (25\pi\cos(37\pi/40)\cos(763\pi/50000))/8,$
 $(25\pi\cos(9\pi/100)\cos(191\pi/12500))/8, (25\pi\cos(7\pi/80)\cos(153\pi/10000))/8,$
 $(25\pi\cos(17\pi/200)\cos(383\pi/25000))/8, (25\pi\cos(33\pi/400)\cos(767\pi/50000))/8,$
 $(25\pi\cos(2\pi/25)\cos(48\pi/3125))/8, (25\pi\cos(31\pi/400)\cos(769\pi/50000))/8,$
 $(25\pi\cos(3\pi/40)\cos(77\pi/5000))/8, (25\pi\cos(29\pi/400)\cos(771\pi/50000))/8,$
 $(25\pi\cos(7\pi/100)\cos(193\pi/12500))/8, (25\pi\cos(27\pi/400)\cos(773\pi/50000))/8,$
 $(25\pi\cos(13\pi/200)\cos(387\pi/25000))/8, (25\pi\cos(\pi/16)\cos(31\pi/2000))/8,$
 $(25\pi\cos(3\pi/50)\cos(97\pi/6250))/8, (25\pi\cos(23\pi/400)\cos(777\pi/50000))/8,$
 $(25\pi\cos(11\pi/200)\cos(389\pi/25000))/8, (25\pi\cos(21\pi/400)\cos(779\pi/50000))/8,$
 $(25\pi\cos(\pi/20)\cos(39\pi/2500))/8, (25\pi\cos(19\pi/400)\cos(781\pi/50000))/8,$
 $(25\pi\cos(9\pi/200)\cos(391\pi/25000))/8, (25\pi\cos(17\pi/400)\cos(783\pi/50000))/8,$
 $(25\pi\cos(\pi/25)\cos(49\pi/3125))/8, (25\pi\cos(3\pi/80)\cos(157\pi/10000))/8,$
 $(25\pi\cos(7\pi/200)\cos(393\pi/25000))/8, (25\pi\cos(13\pi/400)\cos(787\pi/50000))/8,$
 $(25\pi\cos(3\pi/100)\cos(197\pi/12500))/8, (25\pi\cos(11\pi/400)\cos(789\pi/50000))/8,$
 $(25\pi\cos(\pi/40)\cos(79\pi/5000))/8, (25\pi\cos(9\pi/400)\cos(791\pi/50000))/8,$
 $(25\pi\cos(\pi/50)\cos(99\pi/6250))/8, (25\pi\cos(7\pi/400)\cos(793\pi/50000))/8,$
 $(25\pi\cos(3\pi/200)\cos(397\pi/25000))/8, (25\pi\cos(\pi/80)\cos(159\pi/10000))/8,$
 $(25\pi\cos(\pi/100)\cos(199\pi/12500))/8, (25\pi\cos(3\pi/400)\cos(797\pi/50000))/8,$
 $(25\pi\cos(\pi/200)\cos(399\pi/25000))/8, (25\pi\cos(\pi/400)\cos(799\pi/50000))/8,$
 $(25\pi\cos(2\pi/125))/8, (25\pi\cos(\pi/400)\cos(801\pi/50000))/8,$
 $(25\pi\cos(\pi/200)\cos(401\pi/25000))/8, (25\pi\cos(3\pi/400)\cos(803\pi/50000))/8,$
 $(25\pi\cos(\pi/100)\cos(201\pi/12500))/8, (25\pi\cos(\pi/80)\cos(161\pi/10000))/8,$
 $(25\pi\cos(3\pi/200)\cos(403\pi/25000))/8, (25\pi\cos(7\pi/400)\cos(807\pi/50000))/8,$
 $(25\pi\cos(\pi/50)\cos(101\pi/6250))/8, (25\pi\cos(9\pi/400)\cos(809\pi/50000))/8,$
 $(25\pi\cos(\pi/40)\cos(81\pi/5000))/8, (25\pi\cos(11\pi/400)\cos(811\pi/50000))/8,$
 $(25\pi\cos(3\pi/100)\cos(203\pi/12500))/8, (25\pi\cos(13\pi/400)\cos(813\pi/50000))/8,$
 $(25\pi\cos(7\pi/200)\cos(407\pi/25000))/8, (25\pi\cos(3\pi/80)\cos(163\pi/10000))/8,$
 $(25\pi\cos(\pi/25)\cos(51\pi/3125))/8, (25\pi\cos(17\pi/400)\cos(817\pi/50000))/8,$
 $(25\pi\cos(9\pi/200)\cos(409\pi/25000))/8, (25\pi\cos(19\pi/400)\cos(819\pi/50000))/8,$
 $(25\pi\cos(\pi/20)\cos(41\pi/2500))/8, (25\pi\cos(21\pi/400)\cos(821\pi/50000))/8,$
 $(25\pi\cos(11\pi/200)\cos(411\pi/25000))/8, (25\pi\cos(23\pi/400)\cos(823\pi/50000))/8,$
 $(25\pi\cos(3\pi/50)\cos(103\pi/6250))/8, (25\pi\cos(\pi/16)\cos(33\pi/2000))/8,$
 $(25\pi\cos(13\pi/200)\cos(413\pi/25000))/8, (25\pi\cos(27\pi/400)\cos(827\pi/50000))/8,$
 $(25\pi\cos(7\pi/100)\cos(207\pi/12500))/8, (25\pi\cos(29\pi/400)\cos(829\pi/50000))/8,$
 $(25\pi\cos(3\pi/40)\cos(83\pi/5000))/8, (25\pi\cos(31\pi/400)\cos(831\pi/50000))/8,$
 $(25\pi\cos(2\pi/25)\cos(52\pi/3125))/8, (25\pi\cos(33\pi/400)\cos(833\pi/50000))/8,$
 $(25\pi\cos(17\pi/200)\cos(417\pi/25000))/8, (25\pi\cos(7\pi/80)\cos(167\pi/10000))/8,$
 $(25\pi\cos(9\pi/100)\cos(209\pi/12500))/8, (25\pi\cos(37\pi/400)\cos(837\pi/50000))/8,$
 $(25\pi\cos(19\pi/200)\cos(419\pi/25000))/8, (25\pi\cos(39\pi/400)\cos(839\pi/50000))/8,$
 $(25\cdot 2^{1/2}\pi\cos(21\pi/1250)\cdot(5^{1/2} + 5)^{1/2})/32,$
 $(25\pi\cos(41\pi/400)\cos(841\pi/50000))/8, (25\pi\cos(21\pi/200)\cos(421\pi/25000))/8,$
 $(25\pi\cos(43\pi/400)\cos(843\pi/50000))/8, (25\pi\cos(11\pi/100)\cos(211\pi/12500))/8,$
 $(25\pi\cos(9\pi/80)\cos(169\pi/10000))/8, (25\pi\cos(23\pi/200)\cos(423\pi/25000))/8,$
 $(25\pi\cos(47\pi/400)\cos(847\pi/50000))/8, (25\pi\cos(3\pi/25)\cos(53\pi/3125))/8,$
 $(25\pi\cos(49\pi/400)\cos(849\pi/50000))/8, (25\pi\cos(17\pi/1000)\cdot(2^{1/2} + 2)^{1/2})/16,$
 $(25\pi\cos(51\pi/400)\cos(851\pi/50000))/8, (25\pi\cos(13\pi/100)\cos(213\pi/12500))/8,$
 $(25\pi\cos(53\pi/400)\cos(853\pi/50000))/8, (25\pi\cos(27\pi/200)\cos(427\pi/25000))/8,$
 $(25\pi\cos(11\pi/80)\cos(171\pi/10000))/8, (25\pi\cos(7\pi/50)\cos(107\pi/6250))/8,$
 $(25\pi\cos(57\pi/400)\cos(857\pi/50000))/8, (25\pi\cos(29\pi/200)\cos(429\pi/25000))/8,$
 $(25\pi\cos(59\pi/400)\cos(859\pi/50000))/8, (25\pi\cos(3\pi/20)\cos(43\pi/2500))/8,$
 $(25\pi\cos(61\pi/400)\cos(861\pi/50000))/8, (25\pi\cos(31\pi/200)\cos(431\pi/25000))/8,$
 $(25\pi\cos(63\pi/400)\cos(863\pi/50000))/8, (25\pi\cos(4\pi/25)\cos(54\pi/3125))/8,$
 $(25\pi\cos(13\pi/80)\cos(173\pi/10000))/8, (25\pi\cos(33\pi/200)\cos(433\pi/25000))/8,$
 $(25\pi\cos(67\pi/400)\cos(867\pi/50000))/8, (25\pi\cos(17\pi/100)\cos(217\pi/12500))/8,$
 $(25\pi\cos(69\pi/400)\cos(869\pi/50000))/8, (25\pi\cos(7\pi/40)\cos(87\pi/5000))/8,$
 $(25\pi\cos(71\pi/400)\cos(871\pi/50000))/8, (25\pi\cos(9\pi/50)\cos(109\pi/6250))/8,$
 $(25\pi\cos(73\pi/400)\cos(873\pi/50000))/8, (25\pi\cos(37\pi/200)\cos(437\pi/25000))/8,$
 $(25\pi\cos(3\pi/16)\cos(7\pi/400))/8, (25\pi\cos(19\pi/100)\cos(219\pi/12500))/8,$
 $(25\pi\cos(77\pi/400)\cos(877\pi/50000))/8, (25\pi\cos(39\pi/200)\cos(439\pi/25000))/8,$
 $(25\pi\cos(79\pi/400)\cos(879\pi/50000))/8, (25\pi\cos(11\pi/625)\cdot(5^{1/2}/4 + 1/4))/8,$
 $(25\pi\cos(81\pi/400)\cos(881\pi/50000))/8, (25\pi\cos(41\pi/200)\cos(441\pi/25000))/8,$
 $(25\pi\cos(83\pi/400)\cos(883\pi/50000))/8, (25\pi\cos(21\pi/100)\cos(221\pi/12500))/8,$
 $(25\pi\cos(17\pi/80)\cos(177\pi/10000))/8, (25\pi\cos(43\pi/200)\cos(443\pi/25000))/8,$
 $(25\pi\cos(87\pi/400)\cos(887\pi/50000))/8, (25\pi\cos(11\pi/50)\cos(111\pi/6250))/8,$

$(25\pi \cos(89\pi/400) \cos(889\pi/50000))/8,$ $(25\pi \cos(9\pi/40) \cos(89\pi/5000))/8,$
 $(25\pi \cos(91\pi/400) \cos(891\pi/50000))/8,$ $(25\pi \cos(23\pi/100) \cos(223\pi/12500))/8,$
 $(25\pi \cos(93\pi/400) \cos(893\pi/50000))/8,$ $(25\pi \cos(47\pi/200) \cos(447\pi/25000))/8,$
 $(25\pi \cos(19\pi/80) \cos(179\pi/10000))/8,$ $(25\pi \cos(6\pi/25) \cos(56\pi/3125))/8,$
 $(25\pi \cos(97\pi/400) \cos(897\pi/50000))/8,$ $(25\pi \cos(49\pi/200) \cos(449\pi/25000))/8,$
 $(25\pi \cos(99\pi/400) \cos(899\pi/50000))/8,$ $(25 \cdot 2^{1/2} \pi \cos(9\pi/500))/16,$
 $(25\pi \cos(101\pi/400) \cos(901\pi/50000))/8,$ $(25\pi \cos(51\pi/200) \cos(451\pi/25000))/8,$
 $(25\pi \cos(103\pi/400) \cos(903\pi/50000))/8,$ $(25\pi \cos(13\pi/50) \cos(113\pi/6250))/8,$
 $(25\pi \cos(21\pi/80) \cos(181\pi/10000))/8,$ $(25\pi \cos(53\pi/200) \cos(453\pi/25000))/8,$
 $(25\pi \cos(107\pi/400) \cos(907\pi/50000))/8,$ $(25\pi \cos(27\pi/100) \cos(227\pi/12500))/8,$
 $(25\pi \cos(109\pi/400) \cos(909\pi/50000))/8,$ $(25\pi \cos(11\pi/40) \cos(91\pi/5000))/8,$
 $(25\pi \cos(111\pi/400) \cos(911\pi/50000))/8,$ $(25\pi \cos(7\pi/25) \cos(57\pi/3125))/8,$
 $(25\pi \cos(113\pi/400) \cos(913\pi/50000))/8,$ $(25\pi \cos(57\pi/200) \cos(457\pi/25000))/8,$
 $(25\pi \cos(23\pi/80) \cos(183\pi/10000))/8,$ $(25\pi \cos(29\pi/100) \cos(229\pi/12500))/8,$
 $(25\pi \cos(117\pi/400) \cos(917\pi/50000))/8,$ $(25\pi \cos(59\pi/200) \cos(459\pi/25000))/8,$
 $(25\pi \cos(119\pi/400) \cos(919\pi/50000))/8,$ $(25 \cdot 2^{1/2} \pi \cos(23\pi/1250) \cdot (5 - 5^{1/2})^{1/2})/32,$ $(25\pi \cos(121\pi/400) \cos(921\pi/50000))/8,$
 $(25\pi \cos(61\pi/200) \cos(461\pi/25000))/8,$ $(25\pi \cos(123\pi/400) \cos(923\pi/50000))/8,$
 $(25\pi \cos(31\pi/100) \cos(231\pi/12500))/8,$ $(25\pi \cos(5\pi/16) \cos(37\pi/2000))/8,$
 $(25\pi \cos(63\pi/200) \cos(463\pi/25000))/8,$ $(25\pi \cos(127\pi/400) \cos(927\pi/50000))/8,$
 $(25\pi \cos(8\pi/25) \cos(58\pi/3125))/8,$ $(25\pi \cos(129\pi/400) \cos(929\pi/50000))/8,$
 $(25\pi \cos(13\pi/40) \cos(93\pi/5000))/8,$ $(25\pi \cos(131\pi/400) \cos(931\pi/50000))/8,$
 $(25\pi \cos(33\pi/100) \cos(233\pi/12500))/8,$ $(25\pi \cos(133\pi/400) \cos(933\pi/50000))/8,$
 $(25\pi \cos(67\pi/200) \cos(467\pi/25000))/8,$ $(25\pi \cos(27\pi/80) \cos(187\pi/10000))/8,$
 $(25\pi \cos(17\pi/50) \cos(117\pi/6250))/8,$ $(25\pi \cos(137\pi/400) \cos(937\pi/50000))/8,$
 $(25\pi \cos(69\pi/200) \cos(469\pi/25000))/8,$ $(25\pi \cos(139\pi/400) \cos(939\pi/50000))/8,$
 $(25\pi \cos(7\pi/20) \cos(47\pi/2500))/8,$ $(25\pi \cos(141\pi/400) \cos(941\pi/50000))/8,$
 $(25\pi \cos(71\pi/200) \cos(471\pi/25000))/8,$ $(25\pi \cos(143\pi/400) \cos(943\pi/50000))/8,$
 $(25\pi \cos(9\pi/25) \cos(59\pi/3125))/8,$ $(25\pi \cos(29\pi/80) \cos(189\pi/10000))/8,$
 $(25\pi \cos(73\pi/200) \cos(473\pi/25000))/8,$ $(25\pi \cos(147\pi/400) \cos(947\pi/50000))/8,$
 $(25\pi \cos(37\pi/100) \cos(237\pi/12500))/8,$ $(25\pi \cos(149\pi/400) \cos(949\pi/50000))/8,$
 $(25\pi \cos(19\pi/1000) \cdot (2 - 2^{1/2})^{1/2})/16,$ $(25\pi \cos(151\pi/400) \cos(951\pi/50000))/8,$
 $(25\pi \cos(19\pi/50) \cos(119\pi/6250))/8,$ $(25\pi \cos(153\pi/400) \cos(953\pi/50000))/8,$
 $(25\pi \cos(77\pi/200) \cos(477\pi/25000))/8,$ $(25\pi \cos(31\pi/80) \cos(191\pi/10000))/8,$
 $(25\pi \cos(39\pi/100) \cos(239\pi/12500))/8,$ $(25\pi \cos(157\pi/400) \cos(957\pi/50000))/8,$
 $(25\pi \cos(79\pi/200) \cos(479\pi/25000))/8,$ $(25\pi \cos(159\pi/400) \cos(959\pi/50000))/8,$
 $(25\pi \cos(12\pi/625) \cdot (5^{1/2}/4 - 1/4))/8,$ $(25\pi \cos(161\pi/400) \cos(961\pi/50000))/8,$
 $(25\pi \cos(81\pi/200) \cos(481\pi/25000))/8,$ $(25\pi \cos(163\pi/400) \cos(963\pi/50000))/8,$
 $(25\pi \cos(41\pi/100) \cos(241\pi/12500))/8,$ $(25\pi \cos(33\pi/80) \cos(193\pi/10000))/8,$
 $(25\pi \cos(83\pi/200) \cos(483\pi/25000))/8,$ $(25\pi \cos(167\pi/400) \cos(967\pi/50000))/8,$
 $(25\pi \cos(21\pi/50) \cos(121\pi/6250))/8,$ $(25\pi \cos(169\pi/400) \cos(969\pi/50000))/8,$
 $(25\pi \cos(17\pi/40) \cos(97\pi/5000))/8,$ $(25\pi \cos(171\pi/400) \cos(971\pi/50000))/8,$
 $(25\pi \cos(43\pi/100) \cos(243\pi/12500))/8,$ $(25\pi \cos(173\pi/400) \cos(973\pi/50000))/8,$
 $(25\pi \cos(87\pi/200) \cos(487\pi/25000))/8,$ $(25\pi \cos(7\pi/16) \cos(39\pi/2000))/8,$
 $(25\pi \cos(11\pi/25) \cos(61\pi/3125))/8,$ $(25\pi \cos(177\pi/400) \cos(977\pi/50000))/8,$
 $(25\pi \cos(89\pi/200) \cos(489\pi/25000))/8,$ $(25\pi \cos(179\pi/400) \cos(979\pi/50000))/8,$
 $(25\pi \cos(9\pi/20) \cos(49\pi/2500))/8,$ $(25\pi \cos(181\pi/400) \cos(981\pi/50000))/8,$
 $(25\pi \cos(91\pi/200) \cos(491\pi/25000))/8,$ $(25\pi \cos(183\pi/400) \cos(983\pi/50000))/8,$
 $(25\pi \cos(23\pi/50) \cos(123\pi/6250))/8,$ $(25\pi \cos(37\pi/80) \cos(197\pi/10000))/8,$
 $(25\pi \cos(93\pi/200) \cos(493\pi/25000))/8,$ $(25\pi \cos(187\pi/400) \cos(987\pi/50000))/8,$
 $(25\pi \cos(47\pi/100) \cos(247\pi/12500))/8,$ $(25\pi \cos(189\pi/400) \cos(989\pi/50000))/8,$
 $(25\pi \cos(19\pi/40) \cos(99\pi/5000))/8,$ $(25\pi \cos(191\pi/400) \cos(991\pi/50000))/8,$
 $(25\pi \cos(12\pi/25) \cos(62\pi/3125))/8,$ $(25\pi \cos(193\pi/400) \cos(993\pi/50000))/8,$
 $(25\pi \cos(97\pi/200) \cos(497\pi/25000))/8,$ $(25\pi \cos(39\pi/80) \cos(199\pi/10000))/8,$
 $(25\pi \cos(49\pi/100) \cos(249\pi/12500))/8,$ $(25\pi \cos(197\pi/400) \cos(997\pi/50000))/8,$
 $(25\pi \cos(99\pi/200) \cos(499\pi/25000))/8,$ $(25\pi \cos(199\pi/400) \cos(999\pi/50000))/8,$ $0,$
 $(25\pi \cos(199\pi/400) \cos(1001\pi/50000))/8,$ $(25\pi \cos(99\pi/200) \cos(501\pi/25000))/8,$
 $(25\pi \cos(197\pi/400) \cos(1003\pi/50000))/8,$ $(25\pi \cos(49\pi/100) \cos(251\pi/12500))/8,$
 $(25\pi \cos(39\pi/80) \cos(201\pi/10000))/8,$ $(25\pi \cos(97\pi/200) \cos(503\pi/25000))/8,$
 $(25\pi \cos(193\pi/400) \cos(1007\pi/50000))/8,$ $(25\pi \cos(12\pi/25) \cos(63\pi/3125))/8,$
 $(25\pi \cos(191\pi/400) \cos(1009\pi/50000))/8,$ $(25\pi \cos(19\pi/40) \cos(101\pi/5000))/8,$
 $(25\pi \cos(189\pi/400) \cos(1011\pi/50000))/8,$ $(25\pi \cos(47\pi/100) \cos(253\pi/12500))/8,$
 $(25\pi \cos(187\pi/400) \cos(1013\pi/50000))/8,$ $(25\pi \cos(93\pi/200) \cos(507\pi/25000))/8,$
 $(25\pi \cos(37\pi/80) \cos(203\pi/10000))/8,$ $(25\pi \cos(23\pi/50) \cos(127\pi/6250))/8,$
 $(25\pi \cos(183\pi/400) \cos(1017\pi/50000))/8,$ $(25\pi \cos(91\pi/200) \cos(509\pi/25000))/8,$
 $(25\pi \cos(181\pi/400) \cos(1019\pi/50000))/8,$ $(25\pi \cos(9\pi/20) \cos(51\pi/2500))/8,$

(25*pi*cos((179*pi)/400)*cos((1021*pi)/50000))/8, - (25*pi*cos((89*pi)/200)*cos((511*pi)/25000))/8, -
(25*pi*cos((177*pi)/400)*cos((1023*pi)/50000))/8, - (25*pi*cos((11*pi)/25)*cos((64*pi)/3125))/8, -
(25*pi*cos((7*pi)/16)*cos((41*pi)/2000))/8, - (25*pi*cos((87*pi)/200)*cos((513*pi)/25000))/8, -
(25*pi*cos((173*pi)/400)*cos((1027*pi)/50000))/8, - (25*pi*cos((43*pi)/100)*cos((257*pi)/12500))/8, -
(25*pi*cos((171*pi)/400)*cos((1029*pi)/50000))/8, - (25*pi*cos((17*pi)/40)*cos((103*pi)/5000))/8, -
(25*pi*cos((169*pi)/400)*cos((1031*pi)/50000))/8, - (25*pi*cos((21*pi)/50)*cos((129*pi)/6250))/8, -
(25*pi*cos((167*pi)/400)*cos((1033*pi)/50000))/8, - (25*pi*cos((83*pi)/200)*cos((517*pi)/25000))/8, -
(25*pi*cos((33*pi)/80)*cos((207*pi)/10000))/8, - (25*pi*cos((41*pi)/100)*cos((259*pi)/12500))/8, -
(25*pi*cos((163*pi)/400)*cos((1037*pi)/50000))/8, - (25*pi*cos((81*pi)/200)*cos((519*pi)/25000))/8, -
(25*pi*cos((161*pi)/400)*cos((1039*pi)/50000))/8, - (25*pi*cos((13*pi)/625)*(5^(1/2)/4 - 1/4))/8, -
(25*pi*cos((159*pi)/400)*cos((1041*pi)/50000))/8, - (25*pi*cos((79*pi)/200)*cos((521*pi)/25000))/8, -
(25*pi*cos((157*pi)/400)*cos((1043*pi)/50000))/8, - (25*pi*cos((39*pi)/100)*cos((261*pi)/12500))/8, -
(25*pi*cos((31*pi)/80)*cos((209*pi)/10000))/8, - (25*pi*cos((77*pi)/200)*cos((523*pi)/25000))/8, -
(25*pi*cos((153*pi)/400)*cos((1047*pi)/50000))/8, - (25*pi*cos((19*pi)/50)*cos((131*pi)/6250))/8, -
(25*pi*cos((151*pi)/400)*cos((1049*pi)/50000))/8, - (25*pi*cos((21*pi)/1000)*(2 - 2^(1/2))^(1/2))/16, -
(25*pi*cos((149*pi)/400)*cos((1051*pi)/50000))/8, - (25*pi*cos((37*pi)/100)*cos((263*pi)/12500))/8, -
(25*pi*cos((147*pi)/400)*cos((1053*pi)/50000))/8, - (25*pi*cos((73*pi)/200)*cos((527*pi)/25000))/8, -
(25*pi*cos((29*pi)/80)*cos((211*pi)/10000))/8, - (25*pi*cos((9*pi)/25)*cos((66*pi)/3125))/8, -
(25*pi*cos((143*pi)/400)*cos((1057*pi)/50000))/8, - (25*pi*cos((71*pi)/200)*cos((529*pi)/25000))/8, -
(25*pi*cos((141*pi)/400)*cos((1059*pi)/50000))/8, - (25*pi*cos((7*pi)/20)*cos((53*pi)/2500))/8, -
(25*pi*cos((139*pi)/400)*cos((1061*pi)/50000))/8, - (25*pi*cos((69*pi)/200)*cos((531*pi)/25000))/8, -
(25*pi*cos((137*pi)/400)*cos((1063*pi)/50000))/8, - (25*pi*cos((17*pi)/50)*cos((133*pi)/6250))/8, -
(25*pi*cos((27*pi)/80)*cos((213*pi)/10000))/8, - (25*pi*cos((67*pi)/200)*cos((533*pi)/25000))/8, -
(25*pi*cos((133*pi)/400)*cos((1067*pi)/50000))/8, - (25*pi*cos((33*pi)/100)*cos((267*pi)/12500))/8, -
(25*pi*cos((131*pi)/400)*cos((1069*pi)/50000))/8, - (25*pi*cos((13*pi)/40)*cos((107*pi)/5000))/8, -
(25*pi*cos((129*pi)/400)*cos((1071*pi)/50000))/8, - (25*pi*cos((8*pi)/25)*cos((67*pi)/3125))/8, -
(25*pi*cos((127*pi)/400)*cos((1073*pi)/50000))/8, - (25*pi*cos((63*pi)/200)*cos((537*pi)/25000))/8, -
(25*pi*cos((5*pi)/16)*cos((43*pi)/2000))/8, - (25*pi*cos((31*pi)/100)*cos((269*pi)/12500))/8, -
(25*pi*cos((123*pi)/400)*cos((1077*pi)/50000))/8, - (25*pi*cos((61*pi)/200)*cos((539*pi)/25000))/8, -
(25*pi*cos((121*pi)/400)*cos((1079*pi)/50000))/8, - (25*2^(1/2)*pi*cos((27*pi)/1250)*(5 -
5^(1/2))^(1/2))/32, - (25*pi*cos((119*pi)/400)*cos((1081*pi)/50000))/8, -
(25*pi*cos((59*pi)/200)*cos((541*pi)/25000))/8, - (25*pi*cos((117*pi)/400)*cos((1083*pi)/50000))/8, -
(25*pi*cos((29*pi)/100)*cos((271*pi)/12500))/8, - (25*pi*cos((23*pi)/80)*cos((217*pi)/10000))/8, -
(25*pi*cos((57*pi)/200)*cos((543*pi)/25000))/8, - (25*pi*cos((113*pi)/400)*cos((1087*pi)/50000))/8, -
(25*pi*cos((7*pi)/25)*cos((68*pi)/3125))/8, - (25*pi*cos((111*pi)/400)*cos((1089*pi)/50000))/8, -
(25*pi*cos((11*pi)/40)*cos((109*pi)/5000))/8, - (25*pi*cos((109*pi)/400)*cos((1091*pi)/50000))/8, -
(25*pi*cos((27*pi)/100)*cos((273*pi)/12500))/8, - (25*pi*cos((107*pi)/400)*cos((1093*pi)/50000))/8, -
(25*pi*cos((53*pi)/200)*cos((547*pi)/25000))/8, - (25*pi*cos((21*pi)/80)*cos((219*pi)/10000))/8, -
(25*pi*cos((13*pi)/50)*cos((137*pi)/6250))/8, - (25*pi*cos((103*pi)/400)*cos((1097*pi)/50000))/8, -
(25*pi*cos((51*pi)/200)*cos((549*pi)/25000))/8, - (25*pi*cos((101*pi)/400)*cos((1099*pi)/50000))/8, -
(25*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)*(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, -

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 $(25\pi \cos(23\pi/200) \cos(577\pi/25000))/8, -(25\pi \cos(9\pi/80) \cos(231\pi/10000))/8, -$
 $(25\pi \cos(11\pi/100) \cos(289\pi/12500))/8, -(25\pi \cos(43\pi/400) \cos(1157\pi/50000))/8, -$
 $(25\pi \cos(21\pi/200) \cos(579\pi/25000))/8, -(25\pi \cos(41\pi/400) \cos(1159\pi/50000))/8, -$
 $(25 \cdot 2^{1/2} \pi \cos(29\pi/1250) \cdot (5^{1/2} + 5)^{1/2})/32, -$
 $(25\pi \cos(39\pi/400) \cos(1161\pi/50000))/8, -(25\pi \cos(19\pi/200) \cos(581\pi/25000))/8, -$
 $(25\pi \cos(37\pi/400) \cos(1163\pi/50000))/8, -(25\pi \cos(9\pi/100) \cos(291\pi/12500))/8, -$
 $(25\pi \cos(7\pi/80) \cos(233\pi/10000))/8, -(25\pi \cos(17\pi/200) \cos(583\pi/25000))/8, -$
 $(25\pi \cos(33\pi/400) \cos(1167\pi/50000))/8, -(25\pi \cos(2\pi/25) \cos(73\pi/3125))/8, -$
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 $(25\pi \cos(29\pi/400) \cos(1171\pi/50000))/8, -(25\pi \cos(7\pi/100) \cos(293\pi/12500))/8, -$
 $(25\pi \cos(27\pi/400) \cos(1173\pi/50000))/8, -(25\pi \cos(13\pi/200) \cos(587\pi/25000))/8, -$
 $(25\pi \cos(\pi/16) \cos(47\pi/2000))/8, -(25\pi \cos(3\pi/50) \cos(147\pi/6250))/8, -$
 $(25\pi \cos(23\pi/400) \cos(1177\pi/50000))/8, -(25\pi \cos(11\pi/200) \cos(589\pi/25000))/8, -$
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 $(25\pi \cos(19\pi/400) \cos(1181\pi/50000))/8, -(25\pi \cos(9\pi/200) \cos(591\pi/25000))/8, -$
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 $(25\pi \cos(3\pi/80) \cos(237\pi/10000))/8, -(25\pi \cos(7\pi/200) \cos(593\pi/25000))/8, -$
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 $(25\pi \cos(9\pi/400) \cos(1191\pi/50000))/8, -(25\pi \cos(\pi/50) \cos(149\pi/6250))/8, -$
 $(25\pi \cos(7\pi/400) \cos(1193\pi/50000))/8, -(25\pi \cos(3\pi/200) \cos(597\pi/25000))/8, -$
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 $(25\pi \cos(\pi/400) \cos(1201\pi/50000))/8, -(25\pi \cos(\pi/200) \cos(601\pi/25000))/8, -$
 $(25\pi \cos(3\pi/400) \cos(1203\pi/50000))/8, -(25\pi \cos(\pi/100) \cos(301\pi/12500))/8, -$
 $(25\pi \cos(\pi/80) \cos(241\pi/10000))/8, -(25\pi \cos(3\pi/200) \cos(603\pi/25000))/8, -$
 $(25\pi \cos(7\pi/400) \cos(1207\pi/50000))/8, -(25\pi \cos(\pi/50) \cos(151\pi/6250))/8, -$
 $(25\pi \cos(9\pi/400) \cos(1209\pi/50000))/8, -(25\pi \cos(\pi/40) \cos(121\pi/5000))/8, -$
 $(25\pi \cos(11\pi/400) \cos(1211\pi/50000))/8, -(25\pi \cos(3\pi/100) \cos(303\pi/12500))/8, -$
 $(25\pi \cos(13\pi/400) \cos(1213\pi/50000))/8, -(25\pi \cos(7\pi/200) \cos(607\pi/25000))/8, -$
 $(25\pi \cos(3\pi/80) \cos(243\pi/10000))/8, -(25\pi \cos(\pi/25) \cos(76\pi/3125))/8, -$
 $(25\pi \cos(17\pi/400) \cos(1217\pi/50000))/8, -(25\pi \cos(9\pi/200) \cos(609\pi/25000))/8, -$
 $(25\pi \cos(19\pi/400) \cos(1219\pi/50000))/8, -(25\pi \cos(\pi/20) \cos(61\pi/2500))/8, -$
 $(25\pi \cos(21\pi/400) \cos(1221\pi/50000))/8, -(25\pi \cos(11\pi/200) \cos(611\pi/25000))/8, -$
 $(25\pi \cos(23\pi/400) \cos(1223\pi/50000))/8, -(25\pi \cos(3\pi/50) \cos(153\pi/6250))/8, -$
 $(25\pi \cos(\pi/16) \cos(49\pi/2000))/8, -(25\pi \cos(13\pi/200) \cos(613\pi/25000))/8, -$
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 $(25\pi \cos(29\pi/400) \cos(1229\pi/50000))/8, -(25\pi \cos(3\pi/40) \cos(123\pi/5000))/8, -$
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 $(25\pi \cos(37\pi/400) \cos(1237\pi/50000))/8, -(25\pi \cos(19\pi/200) \cos(619\pi/25000))/8, -$
 $(25\pi \cos(39\pi/400) \cos(1239\pi/50000))/8, -(25 \cdot 2^{1/2} \pi \cos(31\pi/1250) \cdot (5^{1/2} +$
 $5)^{1/2})/32, -(25\pi \cos(41\pi/400) \cos(1241\pi/50000))/8, -$
 $(25\pi \cos(21\pi/200) \cos(621\pi/25000))/8, -(25\pi \cos(43\pi/400) \cos(1243\pi/50000))/8, -$
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 $(25\pi \cos(23\pi/200) \cos(623\pi/25000))/8, -(25\pi \cos(47\pi/400) \cos(1247\pi/50000))/8, -$
 $(25\pi \cos(3\pi/25) \cos(78\pi/3125))/8, -(25\pi \cos(49\pi/400) \cos(1249\pi/50000))/8, -$
 $(25\pi \cos(\pi/40) \cdot (2^{1/2} + 2)^{1/2})/16, -(25\pi \cos(51\pi/400) \cos(1251\pi/50000))/8, -$
 $(25\pi \cos(13\pi/100) \cos(313\pi/12500))/8, -(25\pi \cos(53\pi/400) \cos(1253\pi/50000))/8, -$
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 $(25\pi \cos(29\pi/200) \cos(629\pi/25000))/8, -(25\pi \cos(59\pi/400) \cos(1259\pi/50000))/8, -$
 $(25\pi \cos(3\pi/20) \cos(63\pi/2500))/8, -(25\pi \cos(61\pi/400) \cos(1261\pi/50000))/8, -$
 $(25\pi \cos(31\pi/200) \cos(631\pi/25000))/8, -$
 $(25\pi \cos(63\pi/400) \cos(1263\pi/50000))/8, -$
 $(25\pi \cos(4\pi/25) \cos(79\pi/3125))/8, -$
 $(25\pi \cos(13\pi/80) \cos(253\pi/10000))/8, -$
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 $(25\pi \cos(67\pi/400) \cos(1267\pi/50000))/8, -$
 $(25\pi \cos(17\pi/100) \cos(317\pi/12500))/8, -$

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 $(25\pi\cos((9\pi)/50)\cos((159\pi)/6250))/8, -$
 $(25\pi\cos((73\pi)/400)\cos((1273\pi)/50000))/8, -$
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 $(25\pi\cos((3\pi)/16)\cos((51\pi)/2000))/8, -$
 $(25\pi\cos((19\pi)/100)\cos((319\pi)/12500))/8, -$
 $(25\pi\cos((77\pi)/400)\cos((1277\pi)/50000))/8, -$
 $(25\pi\cos((39\pi)/200)\cos((639\pi)/25000))/8, -$
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 $(25\pi\cos((81\pi)/400)\cos((1281\pi)/50000))/8, -$
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 $(25\pi\cos((87\pi)/400)\cos((1287\pi)/50000))/8, -$
 $(25\pi\cos((11\pi)/50)\cos((161\pi)/6250))/8, -$
 $(25\pi\cos((89\pi)/400)\cos((1289\pi)/50000))/8, -$
 $(25\pi\cos((9\pi)/40)\cos((129\pi)/5000))/8, -$
 $(25\pi\cos((91\pi)/400)\cos((1291\pi)/50000))/8, -$
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 $(25\pi\cos((93\pi)/400)\cos((1293\pi)/50000))/8, -$
 $(25\pi\cos((47\pi)/200)\cos((647\pi)/25000))/8, -$
 $(25\pi\cos((19\pi)/80)\cos((259\pi)/10000))/8, -$
 $(25\pi\cos((6\pi)/25)\cos((81\pi)/3125))/8, -$
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 $(25\pi\cos((49\pi)/200)\cos((649\pi)/25000))/8, -$
 $(25\pi\cos((99\pi)/400)\cos((1299\pi)/50000))/8, -$
 $(25\cdot 2^{(1/2)}\pi\cos((13\pi)/500))/16, -$
 $(25\pi\cos((101\pi)/400)\cos((1301\pi)/50000))/8, -$
 $(25\pi\cos((51\pi)/200)\cos((651\pi)/25000))/8, -$
 $(25\pi\cos((103\pi)/400)\cos((1303\pi)/50000))/8, -$
 $(25\pi\cos((13\pi)/50)\cos((163\pi)/6250))/8, -$
 $(25\pi\cos((21\pi)/80)\cos((261\pi)/10000))/8, -$
 $(25\pi\cos((53\pi)/200)\cos((653\pi)/25000))/8, -$
 $(25\pi\cos((107\pi)/400)\cos((1307\pi)/50000))/8, -$
 $(25\pi\cos((27\pi)/100)\cos((327\pi)/12500))/8, -$
 $(25\pi\cos((109\pi)/400)\cos((1309\pi)/50000))/8, -$
 $(25\pi\cos((11\pi)/40)\cos((131\pi)/5000))/8, -$
 $(25\pi\cos((111\pi)/400)\cos((1311\pi)/50000))/8, -$
 $(25\pi\cos((7\pi)/25)\cos((82\pi)/3125))/8, -$

$(25\pi \cos((113\pi)/400) \cos((1313\pi)/50000))/8, -$
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 $(25\pi \cos((29\pi)/100) \cos((329\pi)/12500))/8, -$
 $(25\pi \cos((117\pi)/400) \cos((1317\pi)/50000))/8, -$
 $(25\pi \cos((59\pi)/200) \cos((659\pi)/25000))/8, -$
 $(25\pi \cos((119\pi)/400) \cos((1319\pi)/50000))/8, -$
 $(25 \cdot 2^{(1/2)} \pi \cos((33\pi)/1250) \cdot (5 - 5^{(1/2)})^{(1/2)})/32, -$
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 $(25\pi \cos((5\pi)/16) \cos((53\pi)/2000))/8, -$
 $(25\pi \cos((63\pi)/200) \cos((663\pi)/25000))/8, -$
 $(25\pi \cos((127\pi)/400) \cos((1327\pi)/50000))/8, -$
 $(25\pi \cos((8\pi)/25) \cos((83\pi)/3125))/8, -$
 $(25\pi \cos((129\pi)/400) \cos((1329\pi)/50000))/8, -$
 $(25\pi \cos((13\pi)/40) \cos((133\pi)/5000))/8, -$
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 $(25\pi \cos((67\pi)/200) \cos((667\pi)/25000))/8, -$
 $(25\pi \cos((27\pi)/80) \cos((267\pi)/10000))/8, -$
 $(25\pi \cos((17\pi)/50) \cos((167\pi)/6250))/8, -$
 $(25\pi \cos((137\pi)/400) \cos((1337\pi)/50000))/8, -$
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 $(25\pi \cos((139\pi)/400) \cos((1339\pi)/50000))/8, -$
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 $(25\pi \cos((141\pi)/400) \cos((1341\pi)/50000))/8, -$
 $(25\pi \cos((71\pi)/200) \cos((671\pi)/25000))/8, -$
 $(25\pi \cos((143\pi)/400) \cos((1343\pi)/50000))/8, -$
 $(25\pi \cos((9\pi)/25) \cos((84\pi)/3125))/8, -$
 $(25\pi \cos((29\pi)/80) \cos((269\pi)/10000))/8, -$
 $(25\pi \cos((73\pi)/200) \cos((673\pi)/25000))/8, -$
 $(25\pi \cos((147\pi)/400) \cos((1347\pi)/50000))/8, -$
 $(25\pi \cos((37\pi)/100) \cos((337\pi)/12500))/8, -$
 $(25\pi \cos((149\pi)/400) \cos((1349\pi)/50000))/8, - (25\pi \cos((27\pi)/1000) \cdot (2 -$
 $2^{(1/2)})^{(1/2)})/16, - (25\pi \cos((151\pi)/400) \cos((1351\pi)/50000))/8, -$
 $(25\pi \cos((19\pi)/50) \cos((169\pi)/6250))/8, -$
 $(25\pi \cos((153\pi)/400) \cos((1353\pi)/50000))/8, -$
 $(25\pi \cos((77\pi)/200) \cos((677\pi)/25000))/8, -$
 $(25\pi \cos((31\pi)/80) \cos((271\pi)/10000))/8, -$
 $(25\pi \cos((39\pi)/100) \cos((339\pi)/12500))/8, -$
 $(25\pi \cos((157\pi)/400) \cos((1357\pi)/50000))/8, -$

$(25\pi \cos((79\pi)/200) \cos((679\pi)/25000))/8, -$
 $(25\pi \cos((159\pi)/400) \cos((1359\pi)/50000))/8, -$
 $(25\pi \cos((17\pi)/625) (5^{1/2}/4 - 1/4))/8, -$
 $(25\pi \cos((161\pi)/400) \cos((1361\pi)/50000))/8, -$
 $(25\pi \cos((81\pi)/200) \cos((681\pi)/25000))/8, -$
 $(25\pi \cos((163\pi)/400) \cos((1363\pi)/50000))/8, -$
 $(25\pi \cos((41\pi)/100) \cos((341\pi)/12500))/8, -$
 $(25\pi \cos((33\pi)/80) \cos((273\pi)/10000))/8, -$
 $(25\pi \cos((83\pi)/200) \cos((683\pi)/25000))/8, -$
 $(25\pi \cos((167\pi)/400) \cos((1367\pi)/50000))/8, -$
 $(25\pi \cos((21\pi)/50) \cos((171\pi)/6250))/8, -$
 $(25\pi \cos((169\pi)/400) \cos((1369\pi)/50000))/8, -$
 $(25\pi \cos((17\pi)/40) \cos((137\pi)/5000))/8, -$
 $(25\pi \cos((171\pi)/400) \cos((1371\pi)/50000))/8, -$
 $(25\pi \cos((43\pi)/100) \cos((343\pi)/12500))/8, -$
 $(25\pi \cos((173\pi)/400) \cos((1373\pi)/50000))/8, -$
 $(25\pi \cos((87\pi)/200) \cos((687\pi)/25000))/8, -$
 $(25\pi \cos((7\pi)/16) \cos((11\pi)/400))/8, -$
 $(25\pi \cos((11\pi)/25) \cos((86\pi)/3125))/8, -$
 $(25\pi \cos((177\pi)/400) \cos((1377\pi)/50000))/8, -(25\pi \cos((89\pi)$
 $00) \cos((689\pi)/25000))/8, -(25\pi \cos((179\pi)/400) \cos((1379\pi)/50000))/8, -$
 $(25\pi \cos((9\pi)/20) \cos((69\pi)/2500))/8, -$
 $(25\pi \cos((181\pi)/400) \cos((1381\pi)/50000))/8, -(25\pi \cos((91\pi)/200) \cos((691\pi)/25000))/8,$
 $-(25\pi \cos((183\pi)/400) \cos((1383\pi)/50000))/8, -$
 $(25\pi \cos((23\pi)/50) \cos((173\pi)/6250))/8, -$
 $(25\pi \cos((37\pi)/80) \cos((277\pi)/10000))/8, -$
 $(25\pi \cos((93\pi)/200) \cos((693\pi)/25000))/8, -$
 $(25\pi \cos((187\pi)/400) \cos((1387\pi)/50000))/8, -$
 $(25\pi \cos((47\pi)/100) \cos((347\pi)/12500))/8, -$
 $(25\pi \cos((189\pi)/400) \cos((1389\pi)/50000))/8, -$
 $(25\pi \cos((19\pi)/40) \cos((139\pi)/5000))/8, -$
 $(25\pi \cos((191\pi)/400) \cos((1391\pi)/50000))/8, -$
 $(25\pi \cos((12\pi)/25) \cos((87\pi)/3125))/8, -$
 $(25\pi \cos((193\pi)/400) \cos((1393\pi)/50000))/8, -$
 $(25\pi \cos((97\pi)/200) \cos((697\pi)/25000))/8, -$
 $(25\pi \cos((39\pi)/80) \cos((279\pi)/10000))/8, -$
 $(25\pi \cos((49\pi)/100) \cos((349\pi)/12500))/8, -$
 $(25\pi \cos((197\pi)/400) \cos((1397\pi)/50000))/8, -$
 $(25\pi \cos((99\pi)/200) \cos((699\pi)/25000))/8, -$
 $(25\pi \cos((199\pi)/400) \cos((1399\pi)/50000))/8, 0,$
 $(25\pi \cos((199\pi)/400) \cos((1401\pi)/50000))/8,$
 $(25\pi \cos((99\pi)/200) \cos((701\pi)/25000))/8,$
 $(25\pi \cos((197\pi)/400) \cos((1403\pi)/50000))/8,$

$(25\pi \cos((49\pi)/100) \cos((351\pi)/12500))/8,$
 $(25\pi \cos((39\pi)/80) \cos((281\pi)/10000))/8,$
 $(25\pi \cos((97\pi)/200) \cos((703\pi)/25000))/8,$
 $(25\pi \cos((193\pi)/400) \cos((1407\pi)/50000))/8,$
 $(25\pi \cos((12\pi)/25) \cos((88\pi)/3125))/8,$
 $(25\pi \cos((191\pi)/400) \cos((1409\pi)/50000))/8,$
 $(25\pi \cos((19\pi)/40) \cos((141\pi)/5000))/8,$
 $(25\pi \cos((189\pi)/400) \cos((1411\pi)/50000))/8,$
 $(25\pi \cos((47\pi)/100) \cos((353\pi)/12500))/8,$
 $(25\pi \cos((187\pi)/400) \cos((1413\pi)/50000))/8,$
 $(25\pi \cos((93\pi)/200) \cos((707\pi)/25000))/8,$
 $(25\pi \cos((37\pi)/80) \cos((283\pi)/10000))/8,$
 $(25\pi \cos((23\pi)/50) \cos((177\pi)/6250))/8,$
 $(25\pi \cos((183\pi)/400) \cos((1417\pi)/50000))/8,$
 $(25\pi \cos((91\pi)/200) \cos((709\pi)/25000))/8,$
 $(25\pi \cos((181\pi)/400) \cos((1419\pi)/50000))/8,$
 $(25\pi \cos((9\pi)/20) \cos((71\pi)/2500))/8,$
 $(25\pi \cos((179\pi)/400) \cos((1421\pi)/50000))/8,$
 $(25\pi \cos((89\pi)/200) \cos((711\pi)/25000))/8,$
 $(25\pi \cos((177\pi)/400) \cos((1423\pi)/50000))/8,$
 $(25\pi \cos((11\pi)/25) \cos((89\pi)/3125))/8,$
 $(25\pi \cos((7\pi)/16) \cos((57\pi)/2000))/8,$
 $(25\pi \cos((87\pi)/200) \cos((713\pi)/25000))/8,$
 $(25\pi \cos((173\pi)/400) \cos((1427\pi)/50000))/8,$
 $(25\pi \cos((43\pi)/100) \cos((357\pi)/12500))/8,$
 $(25\pi \cos((171\pi)/400) \cos((1429\pi)/50000))/8,$
 $(25\pi \cos((17\pi)/40) \cos((143\pi)/5000))/8,$
 $(25\pi \cos((169\pi)/400) \cos((1431\pi)/50000))/8,$
 $(25\pi \cos((21\pi)/50) \cos((179\pi)/6250))/8,$
 $(25\pi \cos((167\pi)/400) \cos((1433\pi)/50000))/8,$
 $(25\pi \cos((83\pi)/200) \cos((717\pi)/25000))/8,$
 $(25\pi \cos((33\pi)/80) \cos((287\pi)/10000))/8,$
 $(25\pi \cos((41\pi)/100) \cos((359\pi)/12500))/8,$
 $(25\pi \cos((163\pi)/400) \cos((1437\pi)/50000))/8,$
 $(25\pi \cos((81\pi)/200) \cos((719\pi)/25000))/8,$
 $(25\pi \cos((161\pi)/400) \cos((1439\pi)/50000))/8,$
 $(25\pi \cos((18\pi)/625) * (5^{(1/2)}/4 - 1/4))/8,$
 $(25\pi \cos((159\pi)/400) \cos((1441\pi)/50000))/8,$
 $(25\pi \cos((79\pi)/200) \cos((721\pi)/25000))/8,$
 $(25\pi \cos((157\pi)/400) \cos((1443\pi)/50000))/8,$
 $(25\pi \cos((39\pi)/100) \cos((361\pi)/12500))/8,$
 $(25\pi \cos((31\pi)/80) \cos((289\pi)/10000))/8,$
 $(25\pi \cos((77\pi)/200) \cos((723\pi)/25000))/8,$
 $(25\pi \cos((153\pi)/400) \cos((1447\pi)/50000))/8,$

$(25\pi\cos((19\pi)/50)\cos((181\pi)/6250))/8,$
 $(25\pi\cos((151\pi)/400)\cos((1449\pi)/50000))/8, (25\pi\cos((29\pi)/1000)*(2 - 2^{(1/2)})^{(1/2)})/16, (25\pi\cos((149\pi)/400)\cos((1451\pi)/50000))/8,$
 $(25\pi\cos((37\pi)/100)\cos((363\pi)/12500))/8,$
 $(25\pi\cos((147\pi)/400)\cos((1453\pi)/50000))/8,$
 $(25\pi\cos((73\pi)/200)\cos((727\pi)/25000))/8,$
 $(25\pi\cos((29\pi)/80)\cos((291\pi)/10000))/8,$
 $(25\pi\cos((9\pi)/25)\cos((91\pi)/3125))/8,$
 $(25\pi\cos((143\pi)/400)\cos((1457\pi)/50000))/8,$
 $(25\pi\cos((71\pi)/200)\cos((729\pi)/25000))/8,$
 $(25\pi\cos((141\pi)/400)\cos((1459\pi)/50000))/8,$
 $(25\pi\cos((7\pi)/20)\cos((73\pi)/2500))/8,$
 $(25\pi\cos((139\pi)/400)\cos((1461\pi)/50000))/8,$
 $(25\pi\cos((69\pi)/200)\cos((731\pi)/25000))/8,$
 $(25\pi\cos((137\pi)/400)\cos((1463\pi)/50000))/8,$
 $(25\pi\cos((17\pi)/50)\cos((183\pi)/6250))/8,$
 $(25\pi\cos((27\pi)/80)\cos((293\pi)/10000))/8,$
 $(25\pi\cos((67\pi)/200)\cos((733\pi)/25000))/8,$
 $(25\pi\cos((133\pi)/400)\cos((1467\pi)/50000))/8,$
 $(25\pi\cos((33\pi)/100)\cos((367\pi)/12500))/8,$
 $(25\pi\cos((131\pi)/400)\cos((1469\pi)/50000))/8,$
 $(25\pi\cos((13\pi)/40)\cos((147\pi)/5000))/8,$
 $(25\pi\cos((129\pi)/400)\cos((1471\pi)/50000))/8,$
 $(25\pi\cos((8\pi)/25)\cos((92\pi)/3125))/8,$
 $(25\pi\cos((127\pi)/400)\cos((1473\pi)/50000))/8,$
 $(25\pi\cos((63\pi)/200)\cos((737\pi)/25000))/8,$
 $(25\pi\cos((5\pi)/16)\cos((59\pi)/2000))/8,$
 $(25\pi\cos((31\pi)/100)\cos((369\pi)/12500))/8,$
 $(25\pi\cos((123\pi)/400)\cos((1477\pi)/50000))/8,$
 $(25\pi\cos((61\pi)/200)\cos((739\pi)/25000))/8,$
 $(25\pi\cos((121\pi)/400)\cos((1479\pi)/50000))/8,$
 $(25*2^{(1/2)}\pi\cos((37\pi)/1250)*(5 - 5^{(1/2)})^{(1/2)})/32,$
 $(25\pi\cos((119\pi)/400)\cos((1481\pi)/50000))/8,$
 $(25\pi\cos((59\pi)/200)\cos((741\pi)/25000))/8,$
 $(25\pi\cos((117\pi)/400)\cos((1483\pi)/50000))/8,$
 $(25\pi\cos((29\pi)/100)\cos((371\pi)/12500))/8,$
 $(25\pi\cos((23\pi)/80)\cos((297\pi)/10000))/8,$
 $(25\pi\cos((57\pi)/200)\cos((743\pi)/25000))/8,$
 $(25\pi\cos((113\pi)/400)\cos((1487\pi)/50000))/8,$
 $(25\pi\cos((7\pi)/25)\cos((93\pi)/3125))/8,$
 $(25\pi\cos((111\pi)/400)\cos((1489\pi)/50000))/8,$
 $(25\pi\cos((11\pi)/40)\cos((149\pi)/5000))/8,$
 $(25\pi\cos((109\pi)/400)\cos((1491\pi)/50000))/8,$
 $(25\pi\cos((27\pi)/100)\cos((373\pi)/12500))/8,$

$(25\pi \cos((107\pi)/400) \cos((1493\pi)/50000))/8,$
 $(25\pi \cos((53\pi)/200) \cos((747\pi)/25000))/8,$
 $(25\pi \cos((21\pi)/80) \cos((299\pi)/10000))/8,$
 $(25\pi \cos((13\pi)/50) \cos((187\pi)/6250))/8,$
 $(25\pi \cos((103\pi)/400) \cos((1497\pi)/50000))/8,$
 $(25\pi \cos((51\pi)/200) \cos((749\pi)/25000))/8,$
 $(25\pi \cos((101\pi)/400) \cos((1499\pi)/50000))/8,$
 $(25 \cdot 2^{(1/2)} \pi \cos((3\pi)/100))/16,$
 $(25\pi \cos((99\pi)/400) \cos((1501\pi)/50000))/8,$
 $(25\pi \cos((49\pi)/200) \cos((751\pi)/25000))/8,$
 $(25\pi \cos((97\pi)/400) \cos((1503\pi)/50000))/8,$
 $(25\pi \cos((6\pi)/25) \cos((94\pi)/3125))/8,$ $(25\pi \cos((19\pi)/80) \cos((301\pi)/10000))/8,$
 $(25\pi \cos((47\pi)/200) \cos((753\pi)/25000))/8,$ $(25\pi \cos((93\pi)/400) \cos((1507\pi)/50000))/8,$
 $(25\pi \cos((23\pi)/100) \cos((377\pi)/12500))/8,$ $(25\pi \cos((91\pi)/400) \cos((1509\pi)/50000))/8,$
 $(25\pi \cos((9\pi)/40) \cos((151\pi)/5000))/8,$ $(25\pi \cos((89\pi)/400) \cos((1511\pi)/50000))/8,$
 $(25\pi \cos((11\pi)/50) \cos((189\pi)/6250))/8,$ $(25\pi \cos((87\pi)/400) \cos((1513\pi)/50000))/8,$
 $(25\pi \cos((43\pi)/200) \cos((757\pi)/25000))/8,$ $(25\pi \cos((17\pi)/80) \cos((303\pi)/10000))/8,$
 $(25\pi \cos((21\pi)/100) \cos((379\pi)/12500))/8,$ $(25\pi \cos((83\pi)/400) \cos((1517\pi)/50000))/8,$
 $(25\pi \cos((41\pi)/200) \cos((759\pi)/25000))/8,$ $(25\pi \cos((81\pi)/400) \cos((1519\pi)/50000))/8,$
 $(25\pi \cos((19\pi)/625) \cdot (5^{(1/2)}/4 + 1/4))/8,$ $(25\pi \cos((79\pi)/400) \cos((1521\pi)/50000))/8,$
 $(25\pi \cos((39\pi)/200) \cos((761\pi)/25000))/8,$ $(25\pi \cos((77\pi)/400) \cos((1523\pi)/50000))/8,$
 $(25\pi \cos((19\pi)/100) \cos((381\pi)/12500))/8,$ $(25\pi \cos((3\pi)/16) \cos((61\pi)/2000))/8,$
 $(25\pi \cos((37\pi)/200) \cos((763\pi)/25000))/8,$ $(25\pi \cos((73\pi)/400) \cos((1527\pi)/50000))/8,$
 $(25\pi \cos((9\pi)/50) \cos((191\pi)/6250))/8,$ $(25\pi \cos((71\pi)/400) \cos((1529\pi)/50000))/8,$
 $(25\pi \cos((7\pi)/40) \cos((153\pi)/5000))/8,$ $(25\pi \cos((69\pi)/400) \cos((1531\pi)/50000))/8,$
 $(25\pi \cos((17\pi)/100) \cos((383\pi)/12500))/8,$ $(25\pi \cos((67\pi)/400) \cos((1533\pi)/50000))/8,$
 $(25\pi \cos((33\pi)/200) \cos((767\pi)/25000))/8,$ $(25\pi \cos((13\pi)/80) \cos((307\pi)/10000))/8,$
 $(25\pi \cos((4\pi)/25) \cos((96\pi)/3125))/8,$ $(25\pi \cos((63\pi)/400) \cos((1537\pi)/50000))/8,$
 $(25\pi \cos((31\pi)/200) \cos((769\pi)/25000))/8,$ $(25\pi \cos((61\pi)/400) \cos((1539\pi)/50000))/8,$
 $(25\pi \cos((3\pi)/20) \cos((77\pi)/2500))/8,$ $(25\pi \cos((59\pi)/400) \cos((1541\pi)/50000))/8,$
 $(25\pi \cos((29\pi)/200) \cos((771\pi)/25000))/8,$ $(25\pi \cos((57\pi)/400) \cos((1543\pi)/50000))/8,$
 $(25\pi \cos((7\pi)/50) \cos((193\pi)/6250))/8,$ $(25\pi \cos((11\pi)/80) \cos((309\pi)/10000))/8,$
 $(25\pi \cos((27\pi)/200) \cos((773\pi)/25000))/8,$ $(25\pi \cos((53\pi)/400) \cos((1547\pi)/50000))/8,$
 $(25\pi \cos((13\pi)/100) \cos((387\pi)/12500))/8,$ $(25\pi \cos((51\pi)/400) \cos((1549\pi)/50000))/8,$
 $(25\pi \cos((31\pi)/1000) \cdot (2^{(1/2)} + 2)^{(1/2)}))/16,$ $(25\pi \cos((49\pi)/400) \cos((1551\pi)/50000))/8,$
 $(25\pi \cos((3\pi)/25) \cos((97\pi)/3125))/8,$ $(25\pi \cos((47\pi)/400) \cos((1553\pi)/50000))/8,$
 $(25\pi \cos((23\pi)/200) \cos((777\pi)/25000))/8,$ $(25\pi \cos((9\pi)/80) \cos((311\pi)/10000))/8,$
 $(25\pi \cos((11\pi)/100) \cos((389\pi)/12500))/8,$ $(25\pi \cos((43\pi)/400) \cos((1557\pi)/50000))/8,$
 $(25\pi \cos((21\pi)/200) \cos((779\pi)/25000))/8,$ $(25\pi \cos((41\pi)/400) \cos((1559\pi)/50000))/8,$
 $(25 \cdot 2^{(1/2)} \pi \cos((39\pi)/1250) \cdot (5^{(1/2)} + 5)^{(1/2)}))/32,$
 $(25\pi \cos((39\pi)/400) \cos((1561\pi)/50000))/8,$ $(25\pi \cos((19\pi)/200) \cos((781\pi)/25000))/8,$
 $(25\pi \cos((37\pi)/400) \cos((1563\pi)/50000))/8,$ $(25\pi \cos((9\pi)/100) \cos((391\pi)/12500))/8,$
 $(25\pi \cos((7\pi)/80) \cos((313\pi)/10000))/8,$ $(25\pi \cos((17\pi)/200) \cos((783\pi)/25000))/8,$
 $(25\pi \cos((33\pi)/400) \cos((1567\pi)/50000))/8,$ $(25\pi \cos((2\pi)/25) \cos((98\pi)/3125))/8,$
 $(25\pi \cos((31\pi)/400) \cos((1569\pi)/50000))/8,$ $(25\pi \cos((3\pi)/40) \cos((157\pi)/5000))/8,$
 $(25\pi \cos((29\pi)/400) \cos((1571\pi)/50000))/8,$ $(25\pi \cos((7\pi)/100) \cos((393\pi)/12500))/8,$
 $(25\pi \cos((27\pi)/400) \cos((1573\pi)/50000))/8,$ $(25\pi \cos((13\pi)/200) \cos((787\pi)/25000))/8,$
 $(25\pi \cos(\pi/16) \cos((63\pi)/2000))/8,$ $(25\pi \cos((3\pi)/50) \cos((197\pi)/6250))/8,$
 $(25\pi \cos((23\pi)/400) \cos((1577\pi)/50000))/8,$ $(25\pi \cos((11\pi)/200) \cos((789\pi)/25000))/8,$
 $(25\pi \cos((21\pi)/400) \cos((1579\pi)/50000))/8,$ $(25\pi \cos(\pi/20) \cos((79\pi)/2500))/8,$
 $(25\pi \cos((19\pi)/400) \cos((1581\pi)/50000))/8,$ $(25\pi \cos((9\pi)/200) \cos((791\pi)/25000))/8,$
 $(25\pi \cos((17\pi)/400) \cos((1583\pi)/50000))/8,$ $(25\pi \cos(\pi/25) \cos((99\pi)/3125))/8,$
 $(25\pi \cos((3\pi)/80) \cos((317\pi)/10000))/8,$ $(25\pi \cos((7\pi)/200) \cos((793\pi)/25000))/8,$
 $(25\pi \cos((13\pi)/400) \cos((1587\pi)/50000))/8,$ $(25\pi \cos((3\pi)/100) \cos((397\pi)/12500))/8,$
 $(25\pi \cos((11\pi)/400) \cos((1589\pi)/50000))/8,$ $(25\pi \cos(\pi/40) \cos((159\pi)/5000))/8,$
 $(25\pi \cos((9\pi)/400) \cos((1591\pi)/50000))/8,$ $(25\pi \cos(\pi/50) \cos((199\pi)/6250))/8,$
 $(25\pi \cos((7\pi)/400) \cos((1593\pi)/50000))/8,$ $(25\pi \cos((3\pi)/200) \cos((797\pi)/25000))/8,$
 $(25\pi \cos(\pi/80) \cos((319\pi)/10000))/8,$ $(25\pi \cos(\pi/100) \cos((399\pi)/12500))/8,$
 $(25\pi \cos((3\pi)/400) \cos((1597\pi)/50000))/8,$ $(25\pi \cos(\pi/200) \cos((799\pi)/25000))/8,$
 $(25\pi \cos(\pi/400) \cos((1599\pi)/50000))/8,$ $(25\pi \cos((4\pi)/125))/8,$

$(25\pi \cos(\pi/400) \cos((1601\pi)/50000))/8$, $(25\pi \cos(\pi/200) \cos((801\pi)/25000))/8$,
 $(25\pi \cos((3\pi)/400) \cos((1603\pi)/50000))/8$, $(25\pi \cos(\pi/100) \cos((401\pi)/12500))/8$,
 $(25\pi \cos(\pi/80) \cos((321\pi)/10000))/8$, $(25\pi \cos((3\pi)/200) \cos((803\pi)/25000))/8$,
 $(25\pi \cos((7\pi)/400) \cos((1607\pi)/50000))/8$, $(25\pi \cos(\pi/50) \cos((201\pi)/6250))/8$,
 $(25\pi \cos((9\pi)/400) \cos((1609\pi)/50000))/8$, $(25\pi \cos(\pi/40) \cos((161\pi)/5000))/8$,
 $(25\pi \cos((11\pi)/400) \cos((1611\pi)/50000))/8$, $(25\pi \cos((3\pi)/100) \cos((403\pi)/12500))/8$,
 $(25\pi \cos((13\pi)/400) \cos((1613\pi)/50000))/8$, $(25\pi \cos((7\pi)/200) \cos((807\pi)/25000))/8$,
 $(25\pi \cos((3\pi)/80) \cos((323\pi)/10000))/8$, $(25\pi \cos(\pi/25) \cos((101\pi)/3125))/8$,
 $(25\pi \cos((17\pi)/400) \cos((1617\pi)/50000))/8$, $(25\pi \cos((9\pi)/200) \cos((809\pi)/25000))/8$,
 $(25\pi \cos((19\pi)/400) \cos((1619\pi)/50000))/8$, $(25\pi \cos(\pi/20) \cos((81\pi)/2500))/8$,
 $(25\pi \cos((21\pi)/400) \cos((1621\pi)/50000))/8$, $(25\pi \cos((11\pi)/200) \cos((811\pi)/25000))/8$,
 $(25\pi \cos((23\pi)/400) \cos((1623\pi)/50000))/8$, $(25\pi \cos((3\pi)/50) \cos((203\pi)/6250))/8$,
 $(25\pi \cos(\pi/16) \cos((13\pi)/400))/8$, $(25\pi \cos((13\pi)/200) \cos((813\pi)/25000))/8$,
 $(25\pi \cos((27\pi)/400) \cos((1627\pi)/50000))/8$, $(25\pi \cos((7\pi)/100) \cos((407\pi)/12500))/8$,
 $(25\pi \cos((29\pi)/400) \cos((1629\pi)/50000))/8$, $(25\pi \cos((3\pi)/40) \cos((163\pi)/5000))/8$,
 $(25\pi \cos((31\pi)/400) \cos((1631\pi)/50000))/8$, $(25\pi \cos((2\pi)/25) \cos((102\pi)/3125))/8$,
 $(25\pi \cos((33\pi)/400) \cos((1633\pi)/50000))/8$, $(25\pi \cos((17\pi)/200) \cos((817\pi)/25000))/8$,
 $(25\pi \cos((7\pi)/80) \cos((327\pi)/10000))/8$, $(25\pi \cos((9\pi)/100) \cos((409\pi)/12500))/8$,
 $(25\pi \cos((37\pi)/400) \cos((1637\pi)/50000))/8$, $(25\pi \cos((19\pi)/200) \cos((819\pi)/25000))/8$,
 $(25\pi \cos((39\pi)/400) \cos((1639\pi)/50000))/8$, $(25\pi \cos((1/2)\pi \cos((41\pi)/1250) * (5^{(1/2)} + 5^{(1/2)})/32$,
 $(25\pi \cos((41\pi)/400) \cos((1641\pi)/50000))/8$,
 $(25\pi \cos((21\pi)/200) \cos((821\pi)/25000))/8$, $(25\pi \cos((43\pi)/400) \cos((1643\pi)/50000))/8$,
 $(25\pi \cos((11\pi)/100) \cos((411\pi)/12500))/8$, $(25\pi \cos((9\pi)/80) \cos((329\pi)/10000))/8$,
 $(25\pi \cos((23\pi)/200) \cos((823\pi)/25000))/8$, $(25\pi \cos((47\pi)/400) \cos((1647\pi)/50000))/8$,
 $(25\pi \cos((3\pi)/25) \cos((103\pi)/3125))/8$, $(25\pi \cos((49\pi)/400) \cos((1649\pi)/50000))/8$,
 $(25\pi \cos((33\pi)/1000) * (2^{(1/2)} + 2^{(1/2)})/16$, $(25\pi \cos((51\pi)/400) \cos((1651\pi)/50000))/8$,
 $(25\pi \cos((13\pi)/100) \cos((413\pi)/12500))/8$, $(25\pi \cos((53\pi)/400) \cos((1653\pi)/50000))/8$,
 $(25\pi \cos((27\pi)/200) \cos((827\pi)/25000))/8$, $(25\pi \cos((11\pi)/80) \cos((331\pi)/10000))/8$,
 $(25\pi \cos((7\pi)/50) \cos((207\pi)/6250))/8$, $(25\pi \cos((57\pi)/400) \cos((1657\pi)/50000))/8$,
 $(25\pi \cos((29\pi)/200) \cos((829\pi)/25000))/8$, $(25\pi \cos((59\pi)/400) \cos((1659\pi)/50000))/8$,
 $(25\pi \cos((3\pi)/20) \cos((83\pi)/2500))/8$, $(25\pi \cos((61\pi)/400) \cos((1661\pi)/50000))/8$,
 $(25\pi \cos((31\pi)/200) \cos((831\pi)/25000))/8$, $(25\pi \cos((63\pi)/400) \cos((1663\pi)/50000))/8$,
 $(25\pi \cos((4\pi)/25) \cos((104\pi)/3125))/8$, $(25\pi \cos((13\pi)/80) \cos((333\pi)/10000))/8$,
 $(25\pi \cos((33\pi)/200) \cos((833\pi)/25000))/8$, $(25\pi \cos((67\pi)/400) \cos((1667\pi)/50000))/8$,
 $(25\pi \cos((17\pi)/100) \cos((417\pi)/12500))/8$, $(25\pi \cos((69\pi)/400) \cos((1669\pi)/50000))/8$,
 $(25\pi \cos((7\pi)/40) \cos((167\pi)/5000))/8$, $(25\pi \cos((71\pi)/400) \cos((1671\pi)/50000))/8$,
 $(25\pi \cos((9\pi)/50) \cos((209\pi)/6250))/8$, $(25\pi \cos((73\pi)/400) \cos((1673\pi)/50000))/8$,
 $(25\pi \cos((37\pi)/200) \cos((837\pi)/25000))/8$, $(25\pi \cos((3\pi)/16) \cos((67\pi)/2000))/8$,
 $(25\pi \cos((19\pi)/100) \cos((419\pi)/12500))/8$, $(25\pi \cos((77\pi)/400) \cos((1677\pi)/50000))/8$,
 $(25\pi \cos((39\pi)/200) \cos((839\pi)/25000))/8$, $(25\pi \cos((79\pi)/400) \cos((1679\pi)/50000))/8$,
 $(25\pi \cos((21\pi)/625) * (5^{(1/2)}/4 + 1/4)/8$, $(25\pi \cos((81\pi)/400) \cos((1681\pi)/50000))/8$,
 $(25\pi \cos((41\pi)/200) \cos((841\pi)/25000))/8$, $(25\pi \cos((83\pi)/400) \cos((1683\pi)/50000))/8$,
 $(25\pi \cos((21\pi)/100) \cos((421\pi)/12500))/8$, $(25\pi \cos((17\pi)/80) \cos((337\pi)/10000))/8$,
 $(25\pi \cos((43\pi)/200) \cos((843\pi)/25000))/8$, $(25\pi \cos((87\pi)/400) \cos((1687\pi)/50000))/8$,
 $(25\pi \cos((11\pi)/50) \cos((211\pi)/6250))/8$, $(25\pi \cos((89\pi)/400) \cos((1689\pi)/50000))/8$,
 $(25\pi \cos((9\pi)/40) \cos((169\pi)/5000))/8$, $(25\pi \cos((91\pi)/400) \cos((1691\pi)/50000))/8$,
 $(25\pi \cos((23\pi)/100) \cos((423\pi)/12500))/8$, $(25\pi \cos((93\pi)/400) \cos((1693\pi)/50000))/8$,
 $(25\pi \cos((47\pi)/200) \cos((847\pi)/25000))/8$, $(25\pi \cos((19\pi)/80) \cos((339\pi)/10000))/8$,
 $(25\pi \cos((6\pi)/25) \cos((106\pi)/3125))/8$, $(25\pi \cos((97\pi)/400) \cos((1697\pi)/50000))/8$,
 $(25\pi \cos((49\pi)/200) \cos((849\pi)/25000))/8$, $(25\pi \cos((99\pi)/400) \cos((1699\pi)/50000))/8$,
 $(25\pi \cos((1/2)\pi \cos((17\pi)/500) * (5^{(1/2)}/16$, $(25\pi \cos((101\pi)/400) \cos((1701\pi)/50000))/8$,
 $(25\pi \cos((51\pi)/200) \cos((851\pi)/25000))/8$, $(25\pi \cos((103\pi)/400) \cos((1703\pi)/50000))/8$,
 $(25\pi \cos((13\pi)/50) \cos((213\pi)/6250))/8$, $(25\pi \cos((21\pi)/80) \cos((341\pi)/10000))/8$,
 $(25\pi \cos((53\pi)/200) \cos((853\pi)/25000))/8$, $(25\pi \cos((107\pi)/400) \cos((1707\pi)/50000))/8$,
 $(25\pi \cos((27\pi)/100) \cos((427\pi)/12500))/8$, $(25\pi \cos((109\pi)/400) \cos((1709\pi)/50000))/8$,
 $(25\pi \cos((11\pi)/40) \cos((171\pi)/5000))/8$, $(25\pi \cos((111\pi)/400) \cos((1711\pi)/50000))/8$,
 $(25\pi \cos((7\pi)/25) \cos((107\pi)/3125))/8$, $(25\pi \cos((113\pi)/400) \cos((1713\pi)/50000))/8$,
 $(25\pi \cos((57\pi)/200) \cos((857\pi)/25000))/8$, $(25\pi \cos((23\pi)/80) \cos((343\pi)/10000))/8$,
 $(25\pi \cos((29\pi)/100) \cos((429\pi)/12500))/8$, $(25\pi \cos((117\pi)/400) \cos((1717\pi)/50000))/8$,
 $(25\pi \cos((59\pi)/200) \cos((859\pi)/25000))/8$, $(25\pi \cos((119\pi)/400) \cos((1719\pi)/50000))/8$,
 $(25\pi \cos((1/2)\pi \cos((43\pi)/1250) * (5 - 5^{(1/2)})^{(1/2)})/32$,
 $(25\pi \cos((121\pi)/400) \cos((1721\pi)/50000))/8$, $(25\pi \cos((61\pi)/200) \cos((861\pi)/25000))/8$,
 $(25\pi \cos((123\pi)/400) \cos((1723\pi)/50000))/8$, $(25\pi \cos((31\pi)/100) \cos((431\pi)/12500))/8$,
 $(25\pi \cos((5\pi)/16) \cos((69\pi)/2000))/8$, $(25\pi \cos((63\pi)/200) \cos((863\pi)/25000))/8$,
 $(25\pi \cos((127\pi)/400) \cos((1727\pi)/50000))/8$, $(25\pi \cos((8\pi)/25) \cos((108\pi)/3125))/8$,
 $(25\pi \cos((129\pi)/400) \cos((1729\pi)/50000))/8$, $(25\pi \cos((13\pi)/40) \cos((173\pi)/5000))/8$,

$(25\pi \cos(131\pi/400) \cos(1731\pi/50000))/8$, $(25\pi \cos(33\pi/100) \cos(433\pi/12500))/8$,
 $(25\pi \cos(133\pi/400) \cos(1733\pi/50000))/8$, $(25\pi \cos(67\pi/200) \cos(867\pi/25000))/8$,
 $(25\pi \cos(27\pi/80) \cos(347\pi/10000))/8$, $(25\pi \cos(17\pi/50) \cos(217\pi/6250))/8$,
 $(25\pi \cos(137\pi/400) \cos(1737\pi/50000))/8$, $(25\pi \cos(69\pi/200) \cos(869\pi/25000))/8$,
 $(25\pi \cos(139\pi/400) \cos(1739\pi/50000))/8$, $(25\pi \cos(7\pi/20) \cos(87\pi/2500))/8$,
 $(25\pi \cos(141\pi/400) \cos(1741\pi/50000))/8$, $(25\pi \cos(71\pi/200) \cos(871\pi/25000))/8$,
 $(25\pi \cos(143\pi/400) \cos(1743\pi/50000))/8$, $(25\pi \cos(9\pi/25) \cos(109\pi/3125))/8$,
 $(25\pi \cos(29\pi/80) \cos(349\pi/10000))/8$, $(25\pi \cos(73\pi/200) \cos(873\pi/25000))/8$,
 $(25\pi \cos(147\pi/400) \cos(1747\pi/50000))/8$, $(25\pi \cos(37\pi/100) \cos(437\pi/12500))/8$,
 $(25\pi \cos(149\pi/400) \cos(1749\pi/50000))/8$, $(25\pi \cos(7\pi/200) * (2 - 2^{(1/2)})^{(1/2)})/16$,
 $(25\pi \cos(151\pi/400) \cos(1751\pi/50000))/8$, $(25\pi \cos(19\pi/50) \cos(219\pi/6250))/8$,
 $(25\pi \cos(153\pi/400) \cos(1753\pi/50000))/8$, $(25\pi \cos(77\pi/200) \cos(877\pi/25000))/8$,
 $(25\pi \cos(31\pi/80) \cos(351\pi/10000))/8$, $(25\pi \cos(39\pi/100) \cos(439\pi/12500))/8$,
 $(25\pi \cos(157\pi/400) \cos(1757\pi/50000))/8$, $(25\pi \cos(79\pi/200) \cos(879\pi/25000))/8$,
 $(25\pi \cos(159\pi/400) \cos(1759\pi/50000))/8$, $(25\pi \cos(22\pi/625) * (5^{(1/2)/4} - 1/4))/8$,
 $(25\pi \cos(161\pi/400) \cos(1761\pi/50000))/8$, $(25\pi \cos(81\pi/200) \cos(881\pi/25000))/8$,
 $(25\pi \cos(163\pi/400) \cos(1763\pi/50000))/8$, $(25\pi \cos(41\pi/100) \cos(441\pi/12500))/8$,
 $(25\pi \cos(33\pi/80) \cos(353\pi/10000))/8$, $(25\pi \cos(83\pi/200) \cos(883\pi/25000))/8$,
 $(25\pi \cos(167\pi/400) \cos(1767\pi/50000))/8$, $(25\pi \cos(21\pi/50) \cos(221\pi/6250))/8$,
 $(25\pi \cos(169\pi/400) \cos(1769\pi/50000))/8$, $(25\pi \cos(17\pi/40) \cos(177\pi/5000))/8$,
 $(25\pi \cos(171\pi/400) \cos(1771\pi/50000))/8$, $(25\pi \cos(43\pi/100) \cos(443\pi/12500))/8$,
 $(25\pi \cos(173\pi/400) \cos(1773\pi/50000))/8$, $(25\pi \cos(87\pi/200) \cos(887\pi/25000))/8$,
 $(25\pi \cos(7\pi/16) \cos(71\pi/2000))/8$, $(25\pi \cos(11\pi/25) \cos(111\pi/3125))/8$,
 $(25\pi \cos(177\pi/400) \cos(1777\pi/50000))/8$, $(25\pi \cos(89\pi/200) \cos(889\pi/25000))/8$,
 $(25\pi \cos(179\pi/400) \cos(1779\pi/50000))/8$, $(25\pi \cos(9\pi/20) \cos(89\pi/2500))/8$,
 $(25\pi \cos(181\pi/400) \cos(1781\pi/50000))/8$, $(25\pi \cos(91\pi/200) \cos(891\pi/25000))/8$,
 $(25\pi \cos(183\pi/400) \cos(1783\pi/50000))/8$, $(25\pi \cos(23\pi/50) \cos(223\pi/6250))/8$,
 $(25\pi \cos(37\pi/80) \cos(357\pi/10000))/8$, $(25\pi \cos(93\pi/200) \cos(893\pi/25000))/8$,
 $(25\pi \cos(187\pi/400) \cos(1787\pi/50000))/8$, $(25\pi \cos(47\pi/100) \cos(447\pi/12500))/8$,
 $(25\pi \cos(189\pi/400) \cos(1789\pi/50000))/8$, $(25\pi \cos(19\pi/40) \cos(179\pi/5000))/8$,
 $(25\pi \cos(191\pi/400) \cos(1791\pi/50000))/8$, $(25\pi \cos(12\pi/25) \cos(112\pi/3125))/8$,
 $(25\pi \cos(193\pi/400) \cos(1793\pi/50000))/8$, $(25\pi \cos(97\pi/200) \cos(897\pi/25000))/8$,
 $(25\pi \cos(39\pi/80) \cos(359\pi/10000))/8$, $(25\pi \cos(49\pi/100) \cos(449\pi/12500))/8$,
 $(25\pi \cos(197\pi/400) \cos(1797\pi/50000))/8$, $(25\pi \cos(99\pi/200) \cos(899\pi/25000))/8$,
 $(25\pi \cos(199\pi/400) \cos(1799\pi/50000))/8$, 0 , $-(25\pi \cos(199\pi/400) \cos(1801\pi/50000))/8$,
 $-(25\pi \cos(99\pi/200) \cos(901\pi/25000))/8$, $-(25\pi \cos(197\pi/400) \cos(1803\pi/50000))/8$,
 $-(25\pi \cos(49\pi/100) \cos(451\pi/12500))/8$, $-(25\pi \cos(39\pi/80) \cos(361\pi/10000))/8$,
 $-(25\pi \cos(97\pi/200) \cos(903\pi/25000))/8$, $-(25\pi \cos(193\pi/400) \cos(1807\pi/50000))/8$,
 $-(25\pi \cos(12\pi/25) \cos(113\pi/3125))/8$, $-(25\pi \cos(191\pi/400) \cos(1809\pi/50000))/8$,
 $-(25\pi \cos(19\pi/40) \cos(181\pi/5000))/8$, $-(25\pi \cos(189\pi/400) \cos(1811\pi/50000))/8$,
 $-(25\pi \cos(47\pi/100) \cos(453\pi/12500))/8$, $-(25\pi \cos(187\pi/400) \cos(1813\pi/50000))/8$,
 $-(25\pi \cos(93\pi/200) \cos(907\pi/25000))/8$, $-(25\pi \cos(37\pi/80) \cos(363\pi/10000))/8$,
 $-(25\pi \cos(23\pi/50) \cos(227\pi/6250))/8$, $-(25\pi \cos(183\pi/400) \cos(1817\pi/50000))/8$,
 $-(25\pi \cos(91\pi/200) \cos(909\pi/25000))/8$, $-(25\pi \cos(181\pi/400) \cos(1819\pi/50000))/8$,
 $-(25\pi \cos(9\pi/20) \cos(91\pi/2500))/8$, $-(25\pi \cos(179\pi/400) \cos(1821\pi/50000))/8$,
 $-(25\pi \cos(89\pi/200) \cos(911\pi/25000))/8$, $-(25\pi \cos(177\pi/400) \cos(1823\pi/50000))/8$,
 $-(25\pi \cos(11\pi/25) \cos(114\pi/3125))/8$, $-(25\pi \cos(7\pi/16) \cos(73\pi/2000))/8$,
 $-(25\pi \cos(87\pi/200) \cos(913\pi/25000))/8$, $-(25\pi \cos(173\pi/400) \cos(1827\pi/50000))/8$,
 $-(25\pi \cos(43\pi/100) \cos(457\pi/12500))/8$, $-(25\pi \cos(171\pi/400) \cos(1829\pi/50000))/8$,
 $-(25\pi \cos(17\pi/40) \cos(183\pi/5000))/8$, $-(25\pi \cos(169\pi/400) \cos(1831\pi/50000))/8$,
 $-(25\pi \cos(21\pi/50) \cos(229\pi/6250))/8$, $-(25\pi \cos(167\pi/400) \cos(1833\pi/50000))/8$,
 $-(25\pi \cos(83\pi/200) \cos(917\pi/25000))/8$, $-(25\pi \cos(33\pi/80) \cos(367\pi/10000))/8$,
 $-(25\pi \cos(41\pi/100) \cos(459\pi/12500))/8$, $-(25\pi \cos(163\pi/400) \cos(1837\pi/50000))/8$,
 $-(25\pi \cos(81\pi/200) \cos(919\pi/25000))/8$, $-(25\pi \cos(161\pi/400) \cos(1839\pi/50000))/8$,
 $-(25\pi \cos(23\pi/625) * (5^{(1/2)/4} - 1/4))/8$, $-(25\pi \cos(159\pi/400) \cos(1841\pi/50000))/8$,
 $-(25\pi \cos(79\pi/200) \cos(921\pi/25000))/8$, $-(25\pi \cos(157\pi/400) \cos(1843\pi/50000))/8$,
 $-(25\pi \cos(39\pi/100) \cos(461\pi/12500))/8$, $-(25\pi \cos(31\pi/80) \cos(369\pi/10000))/8$,
 $-(25\pi \cos(77\pi/200) \cos(923\pi/25000))/8$, $-(25\pi \cos(153\pi/400) \cos(1847\pi/50000))/8$,
 $-(25\pi \cos(19\pi/50) \cos(231\pi/6250))/8$, $-(25\pi \cos(151\pi/400) \cos(1849\pi/50000))/8$,
 $-(25\pi \cos(37\pi/1000) * (2 - 2^{(1/2)})^{(1/2)})/16$, $-(25\pi \cos(149\pi/400) \cos(1851\pi/50000))/8$,
 $-(25\pi \cos(37\pi/100) \cos(463\pi/12500))/8$, $-(25\pi \cos(147\pi/400) \cos(1853\pi/50000))/8$,
 $-(25\pi \cos(73\pi/200) \cos(927\pi/25000))/8$, $-(25\pi \cos(29\pi/80) \cos(371\pi/10000))/8$,
 $-(25\pi \cos(9\pi/25) \cos(116\pi/3125))/8$, $-(25\pi \cos(143\pi/400) \cos(1857\pi/50000))/8$,
 $-(25\pi \cos(71\pi/200) \cos(929\pi/25000))/8$, $-(25\pi \cos(141\pi/400) \cos(1859\pi/50000))/8$,
 $-(25\pi \cos(7\pi/20) \cos(93\pi/2500))/8$, $-(25\pi \cos(139\pi/400) \cos(1861\pi/50000))/8$,
 $-(25\pi \cos(69\pi/200) \cos(931\pi/25000))/8$, $-(25\pi \cos(137\pi/400) \cos(1863\pi/50000))/8$,

$(25\pi \cos(17\pi/50) \cos(233\pi/6250))/8, -(25\pi \cos(27\pi/80) \cos(373\pi/10000))/8, -$
 $(25\pi \cos(67\pi/200) \cos(933\pi/25000))/8, -(25\pi \cos(133\pi/400) \cos(1867\pi/50000))/8, -$
 $(25\pi \cos(33\pi/100) \cos(467\pi/12500))/8, -(25\pi \cos(131\pi/400) \cos(1869\pi/50000))/8, -$
 $(25\pi \cos(13\pi/40) \cos(187\pi/5000))/8, -(25\pi \cos(129\pi/400) \cos(1871\pi/50000))/8, -$
 $(25\pi \cos(8\pi/25) \cos(117\pi/3125))/8, -(25\pi \cos(127\pi/400) \cos(1873\pi/50000))/8, -$
 $(25\pi \cos(63\pi/200) \cos(937\pi/25000))/8, -(25\pi \cos(5\pi/16) \cos(3\pi/80))/8, -$
 $(25\pi \cos(31\pi/100) \cos(469\pi/12500))/8, -(25\pi \cos(123\pi/400) \cos(1877\pi/50000))/8, -$
 $(25\pi \cos(61\pi/200) \cos(939\pi/25000))/8, -(25\pi \cos(121\pi/400) \cos(1879\pi/50000))/8, -$
 $(25 \cdot 2^{1/2} \pi \cos(47\pi/1250) \cdot (5 - 5^{1/2}))^{1/2}/32, -$
 $(25\pi \cos(119\pi/400) \cos(1881\pi/50000))/8, -(25\pi \cos(59\pi/200) \cos(941\pi/25000))/8, -$
 $(25\pi \cos(117\pi/400) \cos(1883\pi/50000))/8, -(25\pi \cos(29\pi/100) \cos(471\pi/12500))/8, -$
 $(25\pi \cos(23\pi/80) \cos(377\pi/10000))/8, -(25\pi \cos(57\pi/200) \cos(943\pi/25000))/8, -$
 $(25\pi \cos(113\pi/400) \cos(1887\pi/50000))/8, -(25\pi \cos(7\pi/25) \cos(118\pi/3125))/8, -$
 $(25\pi \cos(111\pi/400) \cos(1889\pi/50000))/8, -(25\pi \cos(11\pi/40) \cos(189\pi/5000))/8, -$
 $(25\pi \cos(109\pi/400) \cos(1891\pi/50000))/8, -(25\pi \cos(27\pi/100) \cos(473\pi/12500))/8, -$
 $(25\pi \cos(107\pi/400) \cos(1893\pi/50000))/8, -(25\pi \cos(53\pi/200) \cos(947\pi/25000))/8, -$
 $(25\pi \cos(21\pi/80) \cos(379\pi/10000))/8, -(25\pi \cos(13\pi/50) \cos(237\pi/6250))/8, -$
 $(25\pi \cos(103\pi/400) \cos(1897\pi/50000))/8, -(25\pi \cos(51\pi/200) \cos(949\pi/25000))/8, -$
 $(25\pi \cos(101\pi/400) \cos(1899\pi/50000))/8, -(25 \cdot 2^{1/2} \pi \cos(19\pi/500))/16, -$
 $(25\pi \cos(99\pi/400) \cos(1901\pi/50000))/8, -(25\pi \cos(49\pi/200) \cos(951\pi/25000))/8, -$
 $(25\pi \cos(97\pi/400) \cos(1903\pi/50000))/8, -(25\pi \cos(6\pi/25) \cos(119\pi/3125))/8, -$
 $(25\pi \cos(19\pi/80) \cos(381\pi/10000))/8, -(25\pi \cos(47\pi/200) \cos(953\pi/25000))/8, -$
 $(25\pi \cos(93\pi/400) \cos(1907\pi/50000))/8, -(25\pi \cos(23\pi/100) \cos(477\pi/12500))/8, -$
 $(25\pi \cos(91\pi/400) \cos(1909\pi/50000))/8, -(25\pi \cos(9\pi/40) \cos(191\pi/5000))/8, -$
 $(25\pi \cos(89\pi/400) \cos(1911\pi/50000))/8, -(25\pi \cos(11\pi/50) \cos(239\pi/6250))/8, -$
 $(25\pi \cos(87\pi/400) \cos(1913\pi/50000))/8, -(25\pi \cos(43\pi/200) \cos(957\pi/25000))/8, -$
 $(25\pi \cos(17\pi/80) \cos(383\pi/10000))/8, -(25\pi \cos(21\pi/100) \cos(479\pi/12500))/8, -$
 $(25\pi \cos(83\pi/400) \cos(1917\pi/50000))/8, -(25\pi \cos(41\pi/200) \cos(959\pi/25000))/8, -$
 $(25\pi \cos(81\pi/400) \cos(1919\pi/50000))/8, -(25\pi \cos(24\pi/625) \cdot (5^{1/2}/4 + 1/4))/8, -$
 $(25\pi \cos(79\pi/400) \cos(1921\pi/50000))/8, -(25\pi \cos(39\pi/200) \cos(961\pi/25000))/8, -$
 $(25\pi \cos(77\pi/400) \cos(1923\pi/50000))/8, -(25\pi \cos(19\pi/100) \cos(481\pi/12500))/8, -$
 $(25\pi \cos(3\pi/16) \cos(77\pi/2000))/8, -(25\pi \cos(37\pi/200) \cos(963\pi/25000))/8, -$
 $(25\pi \cos(73\pi/400) \cos(1927\pi/50000))/8, -(25\pi \cos(9\pi/50) \cos(241\pi/6250))/8, -$
 $(25\pi \cos(71\pi/400) \cos(1929\pi/50000))/8, -(25\pi \cos(7\pi/40) \cos(193\pi/5000))/8, -$
 $(25\pi \cos(69\pi/400) \cos(1931\pi/50000))/8, -(25\pi \cos(17\pi/100) \cos(483\pi/12500))/8, -$
 $(25\pi \cos(67\pi/400) \cos(1933\pi/50000))/8, -(25\pi \cos(33\pi/200) \cos(967\pi/25000))/8, -$
 $(25\pi \cos(13\pi/80) \cos(387\pi/10000))/8, -(25\pi \cos(4\pi/25) \cos(121\pi/3125))/8, -$
 $(25\pi \cos(63\pi/400) \cos(1937\pi/50000))/8, -(25\pi \cos(31\pi/200) \cos(969\pi/25000))/8, -$
 $(25\pi \cos(61\pi/400) \cos(1939\pi/50000))/8, -(25\pi \cos(3\pi/20) \cos(97\pi/2500))/8, -$
 $(25\pi \cos(59\pi/400) \cos(1941\pi/50000))/8, -(25\pi \cos(29\pi/200) \cos(971\pi/25000))/8, -$
 $(25\pi \cos(57\pi/400) \cos(1943\pi/50000))/8, -(25\pi \cos(7\pi/50) \cos(243\pi/6250))/8, -$
 $(25\pi \cos(11\pi/80) \cos(389\pi/10000))/8, -(25\pi \cos(27\pi/200) \cos(973\pi/25000))/8, -$
 $(25\pi \cos(53\pi/400) \cos(1947\pi/50000))/8, -(25\pi \cos(13\pi/100) \cos(487\pi/12500))/8, -$
 $(25\pi \cos(51\pi/400) \cos(1949\pi/50000))/8, -(25\pi \cos(39\pi/1000) \cdot (2^{1/2} + 2)^{1/2})/16, -$
 $(25\pi \cos(49\pi/400) \cos(1951\pi/50000))/8, -(25\pi \cos(3\pi/25) \cos(122\pi/3125))/8, -$
 $(25\pi \cos(47\pi/400) \cos(1953\pi/50000))/8, -(25\pi \cos(23\pi/200) \cos(977\pi/25000))/8, -$
 $(25\pi \cos(45\pi/80) \cos(391\pi/10000))/8, -(25\pi \cos(11\pi/100) \cos(489\pi/12500))/8, -$
 $(25\pi \cos(43\pi/400) \cos(1957\pi/50000))/8, -(25\pi \cos(21\pi/200) \cos(979\pi/25000))/8, -$
 $(25\pi \cos(41\pi/400) \cos(1959\pi/50000))/8, -(25 \cdot 2^{1/2} \pi \cos(49\pi/1250) \cdot (5^{1/2} +$
 $5)^{1/2})/32, -(25\pi \cos(39\pi/400) \cos(1961\pi/50000))/8, -$
 $(25\pi \cos(19\pi/200) \cos(981\pi/25000))/8, -(25\pi \cos(37\pi/400) \cos(1963\pi/50000))/8, -$
 $(25\pi \cos(9\pi/100) \cos(491\pi/12500))/8, -(25\pi \cos(7\pi/80) \cos(393\pi/10000))/8, -$
 $(25\pi \cos(17\pi/200) \cos(983\pi/25000))/8, -(25\pi \cos(33\pi/400) \cos(1967\pi/50000))/8, -$
 $(25\pi \cos(2\pi/25) \cos(123\pi/3125))/8, -(25\pi \cos(31\pi/400) \cos(1969\pi/50000))/8, -$
 $(25\pi \cos(3\pi/40) \cos(197\pi/5000))/8, -(25\pi \cos(29\pi/400) \cos(1971\pi/50000))/8, -$
 $(25\pi \cos(7\pi/100) \cos(493\pi/12500))/8, -(25\pi \cos(27\pi/400) \cos(1973\pi/50000))/8, -$
 $(25\pi \cos(13\pi/200) \cos(987\pi/25000))/8, -(25\pi \cos(\pi/16) \cos(79\pi/2000))/8, -$
 $(25\pi \cos(3\pi/50) \cos(247\pi/6250))/8, -(25\pi \cos(23\pi/400) \cos(1977\pi/50000))/8, -$
 $(25\pi \cos(11\pi/200) \cos(989\pi/25000))/8, -(25\pi \cos(21\pi/400) \cos(1979\pi/50000))/8, -$
 $(25\pi \cos(\pi/20) \cos(99\pi/2500))/8, -(25\pi \cos(19\pi/400) \cos(1981\pi/50000))/8, -$
 $(25\pi \cos(9\pi/200) \cos(991\pi/25000))/8, -(25\pi \cos(17\pi/400) \cos(1983\pi/50000))/8, -$
 $(25\pi \cos(\pi/25) \cos(124\pi/3125))/8, -(25\pi \cos(3\pi/80) \cos(397\pi/10000))/8, -$
 $(25\pi \cos(7\pi/200) \cos(993\pi/25000))/8, -(25\pi \cos(13\pi/400) \cos(1987\pi/50000))/8, -$
 $(25\pi \cos(3\pi/100) \cos(497\pi/12500))/8, -(25\pi \cos(11\pi/400) \cos(1989\pi/50000))/8, -$
 $(25\pi \cos(\pi/40) \cos(199\pi/5000))/8, -(25\pi \cos(9\pi/400) \cos(1991\pi/50000))/8, -$
 $(25\pi \cos(\pi/50) \cos(249\pi/6250))/8, -(25\pi \cos(7\pi/400) \cos(1993\pi/50000))/8, -$

$(25\pi \cos(3\pi/200) \cos(997\pi/25000))/8, - (25\pi \cos(\pi/80) \cos(399\pi/10000))/8, -$
 $(25\pi \cos(\pi/100) \cos(499\pi/12500))/8, - (25\pi \cos(3\pi/400) \cos(1997\pi/50000))/8, -$
 $(25\pi \cos(\pi/200) \cos(999\pi/25000))/8, - (25\pi \cos(\pi/400) \cos(1999\pi/50000))/8, -$
 $(25\pi \cos(\pi/25))/8, - (25\pi \cos(\pi/400) \cos(2001\pi/50000))/8, -$
 $(25\pi \cos(\pi/200) \cos(1001\pi/25000))/8, - (25\pi \cos(3\pi/400) \cos(2003\pi/50000))/8, -$
 $(25\pi \cos(\pi/100) \cos(501\pi/12500))/8, - (25\pi \cos(\pi/80) \cos(401\pi/10000))/8, -$
 $(25\pi \cos(3\pi/200) \cos(1003\pi/25000))/8, - (25\pi \cos(7\pi/400) \cos(2007\pi/50000))/8, -$
 $(25\pi \cos(\pi/50) \cos(251\pi/6250))/8, - (25\pi \cos(9\pi/400) \cos(2009\pi/50000))/8, -$
 $(25\pi \cos(\pi/40) \cos(201\pi/5000))/8, - (25\pi \cos(11\pi/400) \cos(2011\pi/50000))/8, -$
 $(25\pi \cos(3\pi/100) \cos(503\pi/12500))/8, - (25\pi \cos(13\pi/400) \cos(2013\pi/50000))/8, -$
 $(25\pi \cos(7\pi/200) \cos(1007\pi/25000))/8, - (25\pi \cos(3\pi/80) \cos(403\pi/10000))/8, -$
 $(25\pi \cos(\pi/25) \cos(126\pi/3125))/8, - (25\pi \cos(17\pi/400) \cos(2017\pi/50000))/8, -$
 $(25\pi \cos(9\pi/200) \cos(1009\pi/25000))/8, - (25\pi \cos(19\pi/400) \cos(2019\pi/50000))/8, -$
 $(25\pi \cos(\pi/20) \cos(101\pi/2500))/8, - (25\pi \cos(21\pi/400) \cos(2021\pi/50000))/8, -$
 $(25\pi \cos(11\pi/200) \cos(1011\pi/25000))/8, - (25\pi \cos(23\pi/400) \cos(2023\pi/50000))/8, -$
 $(25\pi \cos(3\pi/50) \cos(253\pi/6250))/8, - (25\pi \cos(\pi/16) \cos(81\pi/2000))/8, -$
 $(25\pi \cos(13\pi/200) \cos(1013\pi/25000))/8, - (25\pi \cos(27\pi/400) \cos(2027\pi/50000))/8, -$
 $(25\pi \cos(7\pi/100) \cos(507\pi/12500))/8, - (25\pi \cos(29\pi/400) \cos(2029\pi/50000))/8, -$
 $(25\pi \cos(3\pi/40) \cos(203\pi/5000))/8, - (25\pi \cos(31\pi/400) \cos(2031\pi/50000))/8, -$
 $(25\pi \cos(25\pi/25) \cos(127\pi/3125))/8, - (25\pi \cos(33\pi/400) \cos(2033\pi/50000))/8, -$
 $(25\pi \cos(17\pi/200) \cos(1017\pi/25000))/8, - (25\pi \cos(7\pi/80) \cos(407\pi/10000))/8, -$
 $(25\pi \cos(9\pi/100) \cos(509\pi/12500))/8, - (25\pi \cos(37\pi/400) \cos(2037\pi/50000))/8, -$
 $(25\pi \cos(19\pi/200) \cos(1019\pi/25000))/8, - (25\pi \cos(39\pi/400) \cos(2039\pi/50000))/8, -$
 $(25 \cdot 2^{(1/2)} \pi \cos(51\pi/1250) \cdot (5^{(1/2)} + 5)^{(1/2)})/32, -$
 $(25\pi \cos(41\pi/400) \cos(2041\pi/50000))/8, - (25\pi \cos(21\pi/200) \cos(1021\pi/25000))/8, -$
 $(25\pi \cos(43\pi/400) \cos(2043\pi/50000))/8, - (25\pi \cos(11\pi/100) \cos(511\pi/12500))/8, -$
 $(25\pi \cos(9\pi/80) \cos(409\pi/10000))/8, - (25\pi \cos(23\pi/200) \cos(1023\pi/25000))/8, -$
 $(25\pi \cos(47\pi/400) \cos(2047\pi/50000))/8, - (25\pi \cos(3\pi/25) \cos(128\pi/3125))/8, -$
 $(25\pi \cos(49\pi/400) \cos(2049\pi/50000))/8, - (25\pi \cos(41\pi/1000) \cdot (2^{(1/2)} + 2)^{(1/2)})/16, -$
 $(25\pi \cos(51\pi/400) \cos(2051\pi/50000))/8, - (25\pi \cos(13\pi/100) \cos(513\pi/12500))/8, -$
 $(25\pi \cos(53\pi/400) \cos(2053\pi/50000))/8, - (25\pi \cos(27\pi/200) \cos(1027\pi/25000))/8, -$
 $(25\pi \cos(11\pi/80) \cos(411\pi/10000))/8, - (25\pi \cos(7\pi/50) \cos(257\pi/6250))/8, -$
 $(25\pi \cos(57\pi/400) \cos(2057\pi/50000))/8, - (25\pi \cos(29\pi/200) \cos(1029\pi/25000))/8, -$
 $(25\pi \cos(59\pi/400) \cos(2059\pi/50000))/8, - (25\pi \cos(3\pi/20) \cos(103\pi/2500))/8, -$
 $(25\pi \cos(61\pi/400) \cos(2061\pi/50000))/8, - (25\pi \cos(31\pi/200) \cos(1031\pi/25000))/8, -$
 $(25\pi \cos(63\pi/400) \cos(2063\pi/50000))/8, - (25\pi \cos(4\pi/25) \cos(129\pi/3125))/8, -$
 $(25\pi \cos(13\pi/80) \cos(413\pi/10000))/8, - (25\pi \cos(33\pi/200) \cos(1033\pi/25000))/8, -$
 $(25\pi \cos(67\pi/400) \cos(2067\pi/50000))/8, - (25\pi \cos(17\pi/100) \cos(517\pi/12500))/8, -$
 $(25\pi \cos(69\pi/400) \cos(2069\pi/50000))/8, - (25\pi \cos(7\pi/40) \cos(207\pi/5000))/8, -$
 $(25\pi \cos(71\pi/400) \cos(2071\pi/50000))/8, - (25\pi \cos(9\pi/50) \cos(259\pi/6250))/8, -$
 $(25\pi \cos(73\pi/400) \cos(2073\pi/50000))/8, - (25\pi \cos(37\pi/200) \cos(1037\pi/25000))/8, -$
 $(25\pi \cos(3\pi/16) \cos(83\pi/2000))/8, - (25\pi \cos(19\pi/100) \cos(519\pi/12500))/8, -$
 $(25\pi \cos(77\pi/400) \cos(2077\pi/50000))/8, - (25\pi \cos(39\pi/200) \cos(1039\pi/25000))/8, -$
 $(25\pi \cos(79\pi/400) \cos(2079\pi/50000))/8, - (25\pi \cos(26\pi/625) \cdot (5^{(1/2)}/4 + 1/4))/8, -$
 $(25\pi \cos(81\pi/400) \cos(2081\pi/50000))/8, - (25\pi \cos(41\pi/200) \cos(1041\pi/25000))/8, -$
 $(25\pi \cos(83\pi/400) \cos(2083\pi/50000))/8, - (25\pi \cos(21\pi/100) \cos(521\pi/12500))/8, -$
 $(25\pi \cos(17\pi/80) \cos(417\pi/10000))/8, - (25\pi \cos(43\pi/200) \cos(1043\pi/25000))/8, -$
 $(25\pi \cos(87\pi/400) \cos(2087\pi/50000))/8, - (25\pi \cos(11\pi/50) \cos(261\pi/6250))/8, -$
 $(25\pi \cos(89\pi/400) \cos(2089\pi/50000))/8, - (25\pi \cos(9\pi/40) \cos(209\pi/5000))/8, -$
 $(25\pi \cos(91\pi/400) \cos(2091\pi/50000))/8, - (25\pi \cos(23\pi/100) \cos(523\pi/12500))/8, -$
 $(25\pi \cos(93\pi/400) \cos(2093\pi/50000))/8, - (25\pi \cos(47\pi/200) \cos(1047\pi/25000))/8, -$
 $(25\pi \cos(19\pi/80) \cos(419\pi/10000))/8, - (25\pi \cos(6\pi/25) \cos(131\pi/3125))/8, -$
 $(25\pi \cos(97\pi/400) \cos(2097\pi/50000))/8, - (25\pi \cos(49\pi/200) \cos(1049\pi/25000))/8, -$
 $(25\pi \cos(99\pi/400) \cos(2099\pi/50000))/8, - (25 \cdot 2^{(1/2)} \pi \cos(21\pi/500))/16, -$
 $(25\pi \cos(101\pi/400) \cos(2101\pi/50000))/8, - (25\pi \cos(51\pi/200) \cos(1051\pi/25000))/8, -$
 $(25\pi \cos(103\pi/400) \cos(2103\pi/50000))/8, - (25\pi \cos(13\pi/50) \cos(263\pi/6250))/8, -$
 $(25\pi \cos(107\pi/80) \cos(421\pi/10000))/8, - (25\pi \cos(53\pi/200) \cos(1053\pi/25000))/8, -$
 $(25\pi \cos(107\pi/400) \cos(2107\pi/50000))/8, - (25\pi \cos(27\pi/100) \cos(527\pi/12500))/8, -$
 $(25\pi \cos(109\pi/400) \cos(2109\pi/50000))/8, - (25\pi \cos(11\pi/40) \cos(211\pi/5000))/8, -$
 $(25\pi \cos(111\pi/400) \cos(2111\pi/50000))/8, - (25\pi \cos(7\pi/25) \cos(132\pi/3125))/8, -$
 $(25\pi \cos(113\pi/400) \cos(2113\pi/50000))/8, - (25\pi \cos(57\pi/200) \cos(1057\pi/25000))/8, -$
 $(25\pi \cos(23\pi/80) \cos(423\pi/10000))/8, - (25\pi \cos(29\pi/100) \cos(529\pi/12500))/8, -$
 $(25\pi \cos(117\pi/400) \cos(2117\pi/50000))/8, - (25\pi \cos(59\pi/200) \cos(1059\pi/25000))/8, -$
 $(25\pi \cos(119\pi/400) \cos(2119\pi/50000))/8, - (25 \cdot 2^{(1/2)} \pi \cos(53\pi/1250) \cdot (5 -$
 $5^{(1/2)})^{(1/2)})/32, - (25\pi \cos(121\pi/400) \cos(2121\pi/50000))/8, -$
 $(25\pi \cos(61\pi/200) \cos(1061\pi/25000))/8, - (25\pi \cos(123\pi/400) \cos(2123\pi/50000))/8, -$

$(25\pi \cos(31\pi/100) \cos(531\pi/12500))/8, - (25\pi \cos(5\pi/16) \cos(17\pi/400))/8, -$
 $(25\pi \cos(63\pi/200) \cos(1063\pi/25000))/8, - (25\pi \cos(127\pi/400) \cos(2127\pi/50000))/8, -$
 $(25\pi \cos(8\pi/25) \cos(133\pi/3125))/8, - (25\pi \cos(129\pi/400) \cos(2129\pi/50000))/8, -$
 $(25\pi \cos(13\pi/40) \cos(213\pi/5000))/8, - (25\pi \cos(131\pi/400) \cos(2131\pi/50000))/8, -$
 $(25\pi \cos(33\pi/100) \cos(533\pi/12500))/8, - (25\pi \cos(133\pi/400) \cos(2133\pi/50000))/8, -$
 $(25\pi \cos(67\pi/200) \cos(1067\pi/25000))/8, - (25\pi \cos(27\pi/80) \cos(427\pi/10000))/8, -$
 $(25\pi \cos(17\pi/50) \cos(267\pi/6250))/8, - (25\pi \cos(137\pi/400) \cos(2137\pi/50000))/8, -$
 $(25\pi \cos(69\pi/200) \cos(1069\pi/25000))/8, - (25\pi \cos(139\pi/400) \cos(2139\pi/50000))/8, -$
 $(25\pi \cos(7\pi/20) \cos(107\pi/2500))/8, - (25\pi \cos(141\pi/400) \cos(2141\pi/50000))/8, -$
 $(25\pi \cos(71\pi/200) \cos(1071\pi/25000))/8, - (25\pi \cos(143\pi/400) \cos(2143\pi/50000))/8, -$
 $(25\pi \cos(9\pi/25) \cos(134\pi/3125))/8, - (25\pi \cos(29\pi/80) \cos(429\pi/10000))/8, -$
 $(25\pi \cos(73\pi/200) \cos(1073\pi/25000))/8, - (25\pi \cos(147\pi/400) \cos(2147\pi/50000))/8, -$
 $(25\pi \cos(37\pi/100) \cos(537\pi/12500))/8, - (25\pi \cos(149\pi/400) \cos(2149\pi/50000))/8, -$
 $(25\pi \cos(43\pi/1000) * (2 - 2^{1/2})^{1/2})/16, - (25\pi \cos(151\pi/400) \cos(2151\pi/50000))/8, -$
 $(25\pi \cos(19\pi/50) \cos(269\pi/6250))/8, - (25\pi \cos(153\pi/400) \cos(2153\pi/50000))/8, -$
 $(25\pi \cos(77\pi/200) \cos(1077\pi/25000))/8, - (25\pi \cos(31\pi/80) \cos(431\pi/10000))/8, -$
 $(25\pi \cos(39\pi/100) \cos(539\pi/12500))/8, - (25\pi \cos(157\pi/400) \cos(2157\pi/50000))/8, -$
 $(25\pi \cos(79\pi/200) \cos(1079\pi/25000))/8, - (25\pi \cos(159\pi/400) \cos(2159\pi/50000))/8, -$
 $(25\pi \cos(27\pi/625) * (5^{1/2}/4 - 1/4))/8, - (25\pi \cos(161\pi/400) \cos(2161\pi/50000))/8, -$
 $(25\pi \cos(81\pi/200) \cos(1081\pi/25000))/8, - (25\pi \cos(163\pi/400) \cos(2163\pi/50000))/8, -$
 $(25\pi \cos(41\pi/100) \cos(541\pi/12500))/8, - (25\pi \cos(33\pi/80) \cos(433\pi/10000))/8, -$
 $(25\pi \cos(83\pi/200) \cos(1083\pi/25000))/8, - (25\pi \cos(167\pi/400) \cos(2167\pi/50000))/8, -$
 $(25\pi \cos(21\pi/50) \cos(271\pi/6250))/8, - (25\pi \cos(169\pi/400) \cos(2169\pi/50000))/8, -$
 $(25\pi \cos(17\pi/40) \cos(217\pi/5000))/8, - (25\pi \cos(171\pi/400) \cos(2171\pi/50000))/8, -$
 $(25\pi \cos(43\pi/100) \cos(543\pi/12500))/8, - (25\pi \cos(173\pi/400) \cos(2173\pi/50000))/8, -$
 $(25\pi \cos(87\pi/200) \cos(1087\pi/25000))/8, - (25\pi \cos(7\pi/16) \cos(87\pi/2000))/8, -$
 $(25\pi \cos(11\pi/25) \cos(136\pi/3125))/8, - (25\pi \cos(177\pi/400) \cos(2177\pi/50000))/8, -$
 $(25\pi \cos(89\pi/200) \cos(1089\pi/25000))/8, - (25\pi \cos(179\pi/400) \cos(2179\pi/50000))/8, -$
 $(25\pi \cos(9\pi/20) \cos(109\pi/2500))/8, - (25\pi \cos(181\pi/400) \cos(2181\pi/50000))/8, -$
 $(25\pi \cos(91\pi/200) \cos(1091\pi/25000))/8, - (25\pi \cos(183\pi/400) \cos(2183\pi/50000))/8, -$
 $(25\pi \cos(23\pi/50) \cos(273\pi/6250))/8, - (25\pi \cos(37\pi/80) \cos(437\pi/10000))/8, -$
 $(25\pi \cos(93\pi/200) \cos(1093\pi/25000))/8, - (25\pi \cos(187\pi/400) \cos(2187\pi/50000))/8, -$
 $(25\pi \cos(47\pi/100) \cos(547\pi/12500))/8, - (25\pi \cos(189\pi/400) \cos(2189\pi/50000))/8, -$
 $(25\pi \cos(19\pi/40) \cos(219\pi/5000))/8, - (25\pi \cos(191\pi/400) \cos(2191\pi/50000))/8, -$
 $(25\pi \cos(12\pi/25) \cos(137\pi/3125))/8, - (25\pi \cos(193\pi/400) \cos(2193\pi/50000))/8, -$
 $(25\pi \cos(97\pi/200) \cos(1097\pi/25000))/8, - (25\pi \cos(39\pi/80) \cos(439\pi/10000))/8, -$
 $(25\pi \cos(49\pi/100) \cos(549\pi/12500))/8, - (25\pi \cos(197\pi/400) \cos(2197\pi/50000))/8, -$
 $(25\pi \cos(99\pi/200) \cos(1099\pi/25000))/8, - (25\pi \cos(199\pi/400) \cos(2199\pi/50000))/8, 0,$
 $(25\pi \cos(199\pi/400) \cos(2201\pi/50000))/8, (25\pi \cos(99\pi/200) \cos(1101\pi/25000))/8,$
 $(25\pi \cos(197\pi/400) \cos(2203\pi/50000))/8, (25\pi \cos(49\pi/100) \cos(551\pi/12500))/8,$
 $(25\pi \cos(39\pi/80) \cos(441\pi/10000))/8, (25\pi \cos(97\pi/200) \cos(1103\pi/25000))/8,$
 $(25\pi \cos(193\pi/400) \cos(2207\pi/50000))/8, (25\pi \cos(12\pi/25) \cos(138\pi/3125))/8,$
 $(25\pi \cos(191\pi/400) \cos(2209\pi/50000))/8, (25\pi \cos(19\pi/40) \cos(221\pi/5000))/8,$
 $(25\pi \cos(189\pi/400) \cos(2211\pi/50000))/8, (25\pi \cos(47\pi/100) \cos(553\pi/12500))/8,$
 $(25\pi \cos(187\pi/400) \cos(2213\pi/50000))/8, (25\pi \cos(93\pi/200) \cos(1107\pi/25000))/8,$
 $(25\pi \cos(37\pi/80) \cos(443\pi/10000))/8, (25\pi \cos(23\pi/50) \cos(227\pi/6250))/8,$
 $(25\pi \cos(183\pi/400) \cos(2217\pi/50000))/8, (25\pi \cos(91\pi/200) \cos(1109\pi/25000))/8,$
 $(25\pi \cos(181\pi/400) \cos(2219\pi/50000))/8, (25\pi \cos(9\pi/20) \cos(111\pi/2500))/8,$
 $(25\pi \cos(179\pi/400) \cos(2221\pi/50000))/8, (25\pi \cos(89\pi/200) \cos(1111\pi/25000))/8,$
 $(25\pi \cos(177\pi/400) \cos(2223\pi/50000))/8, (25\pi \cos(11\pi/25) \cos(139\pi/3125))/8,$
 $(25\pi \cos(7\pi/16) \cos(89\pi/2000))/8, (25\pi \cos(87\pi/200) \cos(1113\pi/25000))/8,$
 $(25\pi \cos(173\pi/400) \cos(2227\pi/50000))/8, (25\pi \cos(43\pi/100) \cos(557\pi/12500))/8,$
 $(25\pi \cos(171\pi/400) \cos(2229\pi/50000))/8, (25\pi \cos(17\pi/40) \cos(223\pi/5000))/8,$
 $(25\pi \cos(169\pi/400) \cos(2231\pi/50000))/8, (25\pi \cos(21\pi/50) \cos(279\pi/6250))/8,$
 $(25\pi \cos(167\pi/400) \cos(2233\pi/50000))/8, (25\pi \cos(83\pi/200) \cos(1117\pi/25000))/8,$
 $(25\pi \cos(33\pi/80) \cos(447\pi/10000))/8, (25\pi \cos(41\pi/100) \cos(559\pi/12500))/8,$
 $(25\pi \cos(163\pi/400) \cos(2237\pi/50000))/8, (25\pi \cos(81\pi/200) \cos(1119\pi/25000))/8,$
 $(25\pi \cos(161\pi/400) \cos(2239\pi/50000))/8, (25\pi \cos(28\pi/625) * (5^{1/2}/4 - 1/4))/8,$
 $(25\pi \cos(159\pi/400) \cos(2241\pi/50000))/8, (25\pi \cos(79\pi/200) \cos(1121\pi/25000))/8,$
 $(25\pi \cos(157\pi/400) \cos(2243\pi/50000))/8, (25\pi \cos(39\pi/100) \cos(561\pi/12500))/8,$
 $(25\pi \cos(31\pi/80) \cos(449\pi/10000))/8, (25\pi \cos(77\pi/200) \cos(1123\pi/25000))/8,$
 $(25\pi \cos(153\pi/400) \cos(2247\pi/50000))/8, (25\pi \cos(19\pi/50) \cos(281\pi/6250))/8,$
 $(25\pi \cos(151\pi/400) \cos(2249\pi/50000))/8, (25\pi \cos(9\pi/20) * (2 - 2^{1/2})^{1/2})/16,$
 $(25\pi \cos(149\pi/400) \cos(2251\pi/50000))/8, (25\pi \cos(37\pi/100) \cos(563\pi/12500))/8,$
 $(25\pi \cos(147\pi/400) \cos(2253\pi/50000))/8, (25\pi \cos(73\pi/200) \cos(1127\pi/25000))/8,$
 $(25\pi \cos(29\pi/80) \cos(451\pi/10000))/8, (25\pi \cos(9\pi/25) \cos(141\pi/3125))/8,$

$(25\pi \cos(143\pi/400) \cos(2257\pi/50000))/8$, $(25\pi \cos(71\pi/200) \cos(1129\pi/25000))/8$,
 $(25\pi \cos(141\pi/400) \cos(2259\pi/50000))/8$, $(25\pi \cos(7\pi/20) \cos(113\pi/2500))/8$,
 $(25\pi \cos(139\pi/400) \cos(2261\pi/50000))/8$, $(25\pi \cos(69\pi/200) \cos(1131\pi/25000))/8$,
 $(25\pi \cos(137\pi/400) \cos(2263\pi/50000))/8$, $(25\pi \cos(17\pi/50) \cos(283\pi/6250))/8$,
 $(25\pi \cos(27\pi/80) \cos(453\pi/10000))/8$, $(25\pi \cos(67\pi/200) \cos(1133\pi/25000))/8$,
 $(25\pi \cos(133\pi/400) \cos(2267\pi/50000))/8$, $(25\pi \cos(33\pi/100) \cos(567\pi/12500))/8$,
 $(25\pi \cos(131\pi/400) \cos(2269\pi/50000))/8$, $(25\pi \cos(13\pi/40) \cos(227\pi/5000))/8$,
 $(25\pi \cos(129\pi/400) \cos(2271\pi/50000))/8$, $(25\pi \cos(8\pi/25) \cos(142\pi/3125))/8$,
 $(25\pi \cos(127\pi/400) \cos(2273\pi/50000))/8$, $(25\pi \cos(63\pi/200) \cos(1137\pi/25000))/8$,
 $(25\pi \cos(5\pi/16) \cos(91\pi/2000))/8$, $(25\pi \cos(31\pi/100) \cos(569\pi/12500))/8$,
 $(25\pi \cos(123\pi/400) \cos(2277\pi/50000))/8$, $(25\pi \cos(61\pi/200) \cos(1139\pi/25000))/8$,
 $(25\pi \cos(121\pi/400) \cos(2279\pi/50000))/8$, $(25 \cdot 2^{(1/2)} \pi \cos(57\pi/1250) \cdot (5 - 5^{(1/2)})^{(1/2)})/32$, $(25\pi \cos(119\pi/400) \cos(2281\pi/50000))/8$,
 $(25\pi \cos(59\pi/200) \cos(1141\pi/25000))/8$, $(25\pi \cos(117\pi/400) \cos(2283\pi/50000))/8$,
 $(25\pi \cos(29\pi/100) \cos(571\pi/12500))/8$, $(25\pi \cos(23\pi/80) \cos(457\pi/10000))/8$,
 $(25\pi \cos(57\pi/200) \cos(1143\pi/25000))/8$, $(25\pi \cos(113\pi/400) \cos(2287\pi/50000))/8$,
 $(25\pi \cos(7\pi/25) \cos(143\pi/3125))/8$, $(25\pi \cos(111\pi/400) \cos(2289\pi/50000))/8$,
 $(25\pi \cos(11\pi/40) \cos(229\pi/5000))/8$, $(25\pi \cos(109\pi/400) \cos(2291\pi/50000))/8$,
 $(25\pi \cos(27\pi/100) \cos(573\pi/12500))/8$, $(25\pi \cos(107\pi/400) \cos(2293\pi/50000))/8$,
 $(25\pi \cos(53\pi/200) \cos(1147\pi/25000))/8$, $(25\pi \cos(21\pi/80) \cos(459\pi/10000))/8$,
 $(25\pi \cos(13\pi/50) \cos(287\pi/6250))/8$, $(25\pi \cos(103\pi/400) \cos(2297\pi/50000))/8$,
 $(25\pi \cos(51\pi/200) \cos(1149\pi/25000))/8$, $(25\pi \cos(101\pi/400) \cos(2299\pi/50000))/8$,
 $(25 \cdot 2^{(1/2)} \pi \cos(23\pi/500))/16$, $(25\pi \cos(99\pi/400) \cos(2301\pi/50000))/8$,
 $(25\pi \cos(49\pi/200) \cos(1151\pi/25000))/8$, $(25\pi \cos(97\pi/400) \cos(2303\pi/50000))/8$,
 $(25\pi \cos(6\pi/25) \cos(144\pi/3125))/8$, $(25\pi \cos(19\pi/80) \cos(461\pi/10000))/8$,
 $(25\pi \cos(47\pi/200) \cos(1153\pi/25000))/8$, $(25\pi \cos(93\pi/400) \cos(2307\pi/50000))/8$,
 $(25\pi \cos(23\pi/100) \cos(577\pi/12500))/8$, $(25\pi \cos(91\pi/400) \cos(2309\pi/50000))/8$,
 $(25\pi \cos(9\pi/40) \cos(231\pi/5000))/8$, $(25\pi \cos(89\pi/400) \cos(2311\pi/50000))/8$,
 $(25\pi \cos(11\pi/50) \cos(289\pi/6250))/8$, $(25\pi \cos(87\pi/400) \cos(2313\pi/50000))/8$,
 $(25\pi \cos(43\pi/200) \cos(1157\pi/25000))/8$, $(25\pi \cos(17\pi/80) \cos(463\pi/10000))/8$,
 $(25\pi \cos(21\pi/100) \cos(579\pi/12500))/8$, $(25\pi \cos(83\pi/400) \cos(2317\pi/50000))/8$,
 $(25\pi \cos(41\pi/200) \cos(1159\pi/25000))/8$, $(25\pi \cos(81\pi/400) \cos(2319\pi/50000))/8$,
 $(25\pi \cos(29\pi/625) \cdot (5^{(1/2)}/4 + 1/4))/8$, $(25\pi \cos(79\pi/400) \cos(2321\pi/50000))/8$,
 $(25\pi \cos(39\pi/200) \cos(1161\pi/25000))/8$, $(25\pi \cos(77\pi/400) \cos(2323\pi/50000))/8$,
 $(25\pi \cos(19\pi/100) \cos(581\pi/12500))/8$, $(25\pi \cos(3\pi/16) \cos(93\pi/2000))/8$,
 $(25\pi \cos(37\pi/200) \cos(1163\pi/25000))/8$, $(25\pi \cos(73\pi/400) \cos(2327\pi/50000))/8$,
 $(25\pi \cos(9\pi/50) \cos(291\pi/6250))/8$, $(25\pi \cos(71\pi/400) \cos(2329\pi/50000))/8$,
 $(25\pi \cos(7\pi/40) \cos(233\pi/5000))/8$, $(25\pi \cos(69\pi/400) \cos(2331\pi/50000))/8$,
 $(25\pi \cos(17\pi/100) \cos(583\pi/12500))/8$, $(25\pi \cos(67\pi/400) \cos(2333\pi/50000))/8$,
 $(25\pi \cos(33\pi/200) \cos(1167\pi/25000))/8$, $(25\pi \cos(13\pi/80) \cos(467\pi/10000))/8$,
 $(25\pi \cos(4\pi/25) \cos(146\pi/3125))/8$, $(25\pi \cos(63\pi/400) \cos(2337\pi/50000))/8$,
 $(25\pi \cos(31\pi/200) \cos(1169\pi/25000))/8$, $(25\pi \cos(61\pi/400) \cos(2339\pi/50000))/8$,
 $(25\pi \cos(3\pi/20) \cos(117\pi/2500))/8$, $(25\pi \cos(59\pi/400) \cos(2341\pi/50000))/8$,
 $(25\pi \cos(29\pi/200) \cos(1171\pi/25000))/8$, $(25\pi \cos(57\pi/400) \cos(2343\pi/50000))/8$,
 $(25\pi \cos(7\pi/50) \cos(293\pi/6250))/8$, $(25\pi \cos(11\pi/80) \cos(469\pi/10000))/8$,
 $(25\pi \cos(27\pi/200) \cos(1173\pi/25000))/8$, $(25\pi \cos(53\pi/400) \cos(2347\pi/50000))/8$,
 $(25\pi \cos(13\pi/100) \cos(587\pi/12500))/8$, $(25\pi \cos(51\pi/400) \cos(2349\pi/50000))/8$,
 $(25\pi \cos(47\pi/1000) \cdot (2^{(1/2)} + 2)^{(1/2)})/16$, $(25\pi \cos(49\pi/400) \cos(2351\pi/50000))/8$,
 $(25\pi \cos(3\pi/25) \cos(147\pi/3125))/8$, $(25\pi \cos(47\pi/400) \cos(2353\pi/50000))/8$,
 $(25\pi \cos(23\pi/200) \cos(1177\pi/25000))/8$, $(25\pi \cos(9\pi/80) \cos(471\pi/10000))/8$,
 $(25\pi \cos(11\pi/100) \cos(589\pi/12500))/8$, $(25\pi \cos(43\pi/400) \cos(2357\pi/50000))/8$,
 $(25\pi \cos(21\pi/200) \cos(1179\pi/25000))/8$, $(25\pi \cos(41\pi/400) \cos(2359\pi/50000))/8$,
 $(25 \cdot 2^{(1/2)} \pi \cos(59\pi/1250) \cdot (5^{(1/2)} + 5)^{(1/2)})/32$,
 $(25\pi \cos(39\pi/400) \cos(2361\pi/50000))/8$, $(25\pi \cos(19\pi/200) \cos(1181\pi/25000))/8$,
 $(25\pi \cos(37\pi/400) \cos(2363\pi/50000))/8$, $(25\pi \cos(9\pi/100) \cos(591\pi/12500))/8$,
 $(25\pi \cos(7\pi/80) \cos(473\pi/10000))/8$, $(25\pi \cos(17\pi/200) \cos(1183\pi/25000))/8$,
 $(25\pi \cos(33\pi/400) \cos(2367\pi/50000))/8$, $(25\pi \cos(2\pi/25) \cos(148\pi/3125))/8$,
 $(25\pi \cos(31\pi/400) \cos(2369\pi/50000))/8$, $(25\pi \cos(3\pi/40) \cos(237\pi/5000))/8$,
 $(25\pi \cos(29\pi/400) \cos(2371\pi/50000))/8$, $(25\pi \cos(7\pi/100) \cos(593\pi/12500))/8$,
 $(25\pi \cos(27\pi/400) \cos(2373\pi/50000))/8$, $(25\pi \cos(13\pi/200) \cos(1187\pi/25000))/8$,
 $(25\pi \cos(\pi/16) \cos(19\pi/400))/8$, $(25\pi \cos(3\pi/50) \cos(297\pi/6250))/8$,
 $(25\pi \cos(23\pi/400) \cos(2377\pi/50000))/8$, $(25\pi \cos(11\pi/200) \cos(1189\pi/25000))/8$,
 $(25\pi \cos(21\pi/400) \cos(2379\pi/50000))/8$, $(25\pi \cos(\pi/20) \cos(119\pi/2500))/8$,
 $(25\pi \cos(19\pi/400) \cos(2381\pi/50000))/8$, $(25\pi \cos(9\pi/200) \cos(1191\pi/25000))/8$,
 $(25\pi \cos(17\pi/400) \cos(2383\pi/50000))/8$, $(25\pi \cos(\pi/25) \cos(149\pi/3125))/8$,
 $(25\pi \cos(3\pi/80) \cos(477\pi/10000))/8$, $(25\pi \cos(7\pi/200) \cos(1193\pi/25000))/8$,

$(25\pi \cos(13\pi/400) \cos(2387\pi/50000))/8$, $(25\pi \cos(3\pi/100) \cos(597\pi/12500))/8$,
 $(25\pi \cos(11\pi/400) \cos(2389\pi/50000))/8$, $(25\pi \cos(\pi/40) \cos(239\pi/5000))/8$,
 $(25\pi \cos(9\pi/400) \cos(2391\pi/50000))/8$, $(25\pi \cos(\pi/50) \cos(299\pi/6250))/8$,
 $(25\pi \cos(7\pi/400) \cos(2393\pi/50000))/8$, $(25\pi \cos(3\pi/200) \cos(1197\pi/25000))/8$,
 $(25\pi \cos(\pi/80) \cos(479\pi/10000))/8$, $(25\pi \cos(\pi/100) \cos(599\pi/12500))/8$,
 $(25\pi \cos(3\pi/400) \cos(2397\pi/50000))/8$, $(25\pi \cos(\pi/200) \cos(1199\pi/25000))/8$,
 $(25\pi \cos(\pi/400) \cos(2399\pi/50000))/8$, $(25\pi \cos(6\pi/125))/8$,
 $(25\pi \cos(\pi/400) \cos(2401\pi/50000))/8$, $(25\pi \cos(\pi/200) \cos(1201\pi/25000))/8$,
 $(25\pi \cos(3\pi/400) \cos(2403\pi/50000))/8$, $(25\pi \cos(\pi/100) \cos(601\pi/12500))/8$,
 $(25\pi \cos(\pi/80) \cos(481\pi/10000))/8$, $(25\pi \cos(3\pi/200) \cos(1203\pi/25000))/8$,
 $(25\pi \cos(7\pi/400) \cos(2407\pi/50000))/8$, $(25\pi \cos(\pi/50) \cos(301\pi/6250))/8$,
 $(25\pi \cos(9\pi/400) \cos(2409\pi/50000))/8$, $(25\pi \cos(\pi/40) \cos(241\pi/5000))/8$,
 $(25\pi \cos(11\pi/400) \cos(2411\pi/50000))/8$, $(25\pi \cos(3\pi/100) \cos(603\pi/12500))/8$,
 $(25\pi \cos(13\pi/400) \cos(2413\pi/50000))/8$, $(25\pi \cos(7\pi/200) \cos(1207\pi/25000))/8$,
 $(25\pi \cos(3\pi/80) \cos(483\pi/10000))/8$, $(25\pi \cos(\pi/25) \cos(151\pi/3125))/8$,
 $(25\pi \cos(17\pi/400) \cos(2417\pi/50000))/8$, $(25\pi \cos(9\pi/200) \cos(1209\pi/25000))/8$,
 $(25\pi \cos(19\pi/400) \cos(2419\pi/50000))/8$, $(25\pi \cos(\pi/20) \cos(121\pi/2500))/8$,
 $(25\pi \cos(21\pi/400) \cos(2421\pi/50000))/8$, $(25\pi \cos(11\pi/200) \cos(1211\pi/25000))/8$,
 $(25\pi \cos(23\pi/400) \cos(2423\pi/50000))/8$, $(25\pi \cos(3\pi/50) \cos(303\pi/6250))/8$,
 $(25\pi \cos(\pi/16) \cos(97\pi/2000))/8$, $(25\pi \cos(13\pi/200) \cos(1213\pi/25000))/8$,
 $(25\pi \cos(27\pi/400) \cos(2427\pi/50000))/8$, $(25\pi \cos(7\pi/100) \cos(607\pi/12500))/8$,
 $(25\pi \cos(29\pi/400) \cos(2429\pi/50000))/8$, $(25\pi \cos(3\pi/40) \cos(243\pi/5000))/8$,
 $(25\pi \cos(31\pi/400) \cos(2431\pi/50000))/8$, $(25\pi \cos(2\pi/25) \cos(152\pi/3125))/8$,
 $(25\pi \cos(33\pi/400) \cos(2433\pi/50000))/8$, $(25\pi \cos(17\pi/200) \cos(1217\pi/25000))/8$,
 $(25\pi \cos(7\pi/80) \cos(487\pi/10000))/8$, $(25\pi \cos(9\pi/100) \cos(609\pi/12500))/8$,
 $(25\pi \cos(37\pi/400) \cos(2437\pi/50000))/8$, $(25\pi \cos(19\pi/200) \cos(1219\pi/25000))/8$,
 $(25\pi \cos(39\pi/400) \cos(2439\pi/50000))/8$, $(25 \cdot 2^{1/2} \pi \cos(61\pi/1250) \cdot (5^{1/2} + 5)^{1/2})/32$, $(25\pi \cos(41\pi/400) \cos(2441\pi/50000))/8$,
 $(25\pi \cos(21\pi/200) \cos(1221\pi/25000))/8$, $(25\pi \cos(43\pi/400) \cos(2443\pi/50000))/8$,
 $(25\pi \cos(11\pi/100) \cos(611\pi/12500))/8$, $(25\pi \cos(9\pi/80) \cos(489\pi/10000))/8$,
 $(25\pi \cos(23\pi/200) \cos(1223\pi/25000))/8$, $(25\pi \cos(47\pi/400) \cos(2447\pi/50000))/8$,
 $(25\pi \cos(3\pi/25) \cos(153\pi/3125))/8$, $(25\pi \cos(49\pi/400) \cos(2449\pi/50000))/8$,
 $(25\pi \cos(49\pi/1000) \cdot (2^{1/2} + 2)^{1/2})/16$, $(25\pi \cos(51\pi/400) \cos(2451\pi/50000))/8$,
 $(25\pi \cos(13\pi/100) \cos(613\pi/12500))/8$, $(25\pi \cos(53\pi/400) \cos(2453\pi/50000))/8$,
 $(25\pi \cos(27\pi/200) \cos(1227\pi/25000))/8$, $(25\pi \cos(11\pi/80) \cos(491\pi/10000))/8$,
 $(25\pi \cos(7\pi/50) \cos(307\pi/6250))/8$, $(25\pi \cos(57\pi/400) \cos(2457\pi/50000))/8$,
 $(25\pi \cos(29\pi/200) \cos(1229\pi/25000))/8$, $(25\pi \cos(59\pi/400) \cos(2459\pi/50000))/8$,
 $(25\pi \cos(3\pi/20) \cos(123\pi/2500))/8$, $(25\pi \cos(61\pi/400) \cos(2461\pi/50000))/8$,
 $(25\pi \cos(31\pi/200) \cos(1231\pi/25000))/8$, $(25\pi \cos(63\pi/400) \cos(2463\pi/50000))/8$,
 $(25\pi \cos(4\pi/25) \cos(154\pi/3125))/8$, $(25\pi \cos(13\pi/80) \cos(493\pi/10000))/8$,
 $(25\pi \cos(33\pi/200) \cos(1233\pi/25000))/8$, $(25\pi \cos(67\pi/400) \cos(2467\pi/50000))/8$,
 $(25\pi \cos(17\pi/100) \cos(617\pi/12500))/8$, $(25\pi \cos(69\pi/400) \cos(2469\pi/50000))/8$,
 $(25\pi \cos(7\pi/40) \cos(247\pi/5000))/8$, $(25\pi \cos(71\pi/400) \cos(2471\pi/50000))/8$,
 $(25\pi \cos(9\pi/50) \cos(309\pi/6250))/8$, $(25\pi \cos(73\pi/400) \cos(2473\pi/50000))/8$,
 $(25\pi \cos(37\pi/200) \cos(1237\pi/25000))/8$, $(25\pi \cos(3\pi/16) \cos(99\pi/2000))/8$,
 $(25\pi \cos(19\pi/100) \cos(619\pi/12500))/8$, $(25\pi \cos(77\pi/400) \cos(2477\pi/50000))/8$,
 $(25\pi \cos(39\pi/200) \cos(1239\pi/25000))/8$, $(25\pi \cos(79\pi/400) \cos(2479\pi/50000))/8$,
 $(25\pi \cos(31\pi/625) \cdot (5^{1/2}/4 + 1/4))/8$, $(25\pi \cos(81\pi/400) \cos(2481\pi/50000))/8$,
 $(25\pi \cos(41\pi/200) \cos(1241\pi/25000))/8$, $(25\pi \cos(83\pi/400) \cos(2483\pi/50000))/8$,
 $(25\pi \cos(21\pi/100) \cos(621\pi/12500))/8$, $(25\pi \cos(17\pi/80) \cos(497\pi/10000))/8$,
 $(25\pi \cos(43\pi/200) \cos(1243\pi/25000))/8$, $(25\pi \cos(87\pi/400) \cos(2487\pi/50000))/8$,
 $(25\pi \cos(11\pi/50) \cos(311\pi/6250))/8$, $(25\pi \cos(89\pi/400) \cos(2489\pi/50000))/8$,
 $(25\pi \cos(9\pi/40) \cos(249\pi/5000))/8$, $(25\pi \cos(91\pi/400) \cos(2491\pi/50000))/8$,
 $(25\pi \cos(23\pi/100) \cos(623\pi/12500))/8$, $(25\pi \cos(93\pi/400) \cos(2493\pi/50000))/8$,
 $(25\pi \cos(47\pi/200) \cos(1247\pi/25000))/8$, $(25\pi \cos(19\pi/80) \cos(499\pi/10000))/8$,
 $(25\pi \cos(6\pi/25) \cos(156\pi/3125))/8$, $(25\pi \cos(97\pi/400) \cos(2497\pi/50000))/8$,
 $(25\pi \cos(49\pi/200) \cos(1249\pi/25000))/8$, $(25\pi \cos(99\pi/400) \cos(2499\pi/50000))/8$,
 $(25 \cdot 2^{1/2} \pi \cos(\pi/20))/16$, $(25\pi \cos(101\pi/400) \cos(2501\pi/50000))/8$,
 $(25\pi \cos(51\pi/200) \cos(1251\pi/25000))/8$, $(25\pi \cos(103\pi/400) \cos(2503\pi/50000))/8$,
 $(25\pi \cos(13\pi/50) \cos(313\pi/6250))/8$, $(25\pi \cos(21\pi/80) \cos(501\pi/10000))/8$,
 $(25\pi \cos(53\pi/200) \cos(1253\pi/25000))/8$, $(25\pi \cos(107\pi/400) \cos(2507\pi/50000))/8$,
 $(25\pi \cos(27\pi/100) \cos(627\pi/12500))/8$, $(25\pi \cos(109\pi/400) \cos(2509\pi/50000))/8$,
 $(25\pi \cos(11\pi/40) \cos(251\pi/5000))/8$, $(25\pi \cos(111\pi/400) \cos(2511\pi/50000))/8$,
 $(25\pi \cos(7\pi/25) \cos(157\pi/3125))/8$, $(25\pi \cos(113\pi/400) \cos(2513\pi/50000))/8$,
 $(25\pi \cos(57\pi/200) \cos(1257\pi/25000))/8$, $(25\pi \cos(23\pi/80) \cos(503\pi/10000))/8$,
 $(25\pi \cos(29\pi/100) \cos(629\pi/12500))/8$, $(25\pi \cos(117\pi/400) \cos(2517\pi/50000))/8$,

$(25\pi \cos(59\pi/200) \cos(1259\pi/25000))/8$, $(25\pi \cos(119\pi/400) \cos(2519\pi/50000))/8$,
 $(25^2 \cdot (1/2) \pi \cos(63\pi/1250) \cdot (5 - 5^{(1/2)})^{(1/2)})/32$,
 $(25\pi \cos(121\pi/400) \cos(2521\pi/50000))/8$, $(25\pi \cos(61\pi/200) \cos(1261\pi/25000))/8$,
 $(25\pi \cos(123\pi/400) \cos(2523\pi/50000))/8$, $(25\pi \cos(31\pi/100) \cos(631\pi/12500))/8$,
 $(25\pi \cos(5\pi/16) \cos(101\pi/2000))/8$, $(25\pi \cos(63\pi/200) \cos(1263\pi/25000))/8$,
 $(25\pi \cos(127\pi/400) \cos(2527\pi/50000))/8$, $(25\pi \cos(8\pi/25) \cos(158\pi/3125))/8$,
 $(25\pi \cos(129\pi/400) \cos(2529\pi/50000))/8$, $(25\pi \cos(13\pi/40) \cos(253\pi/5000))/8$,
 $(25\pi \cos(131\pi/400) \cos(2531\pi/50000))/8$, $(25\pi \cos(33\pi/100) \cos(633\pi/12500))/8$,
 $(25\pi \cos(133\pi/400) \cos(2533\pi/50000))/8$, $(25\pi \cos(67\pi/200) \cos(1267\pi/25000))/8$,
 $(25\pi \cos(27\pi/80) \cos(507\pi/10000))/8$, $(25\pi \cos(17\pi/50) \cos(317\pi/6250))/8$,
 $(25\pi \cos(137\pi/400) \cos(2537\pi/50000))/8$, $(25\pi \cos(69\pi/200) \cos(1269\pi/25000))/8$,
 $(25\pi \cos(139\pi/400) \cos(2539\pi/50000))/8$, $(25\pi \cos(7\pi/20) \cos(127\pi/2500))/8$,
 $(25\pi \cos(141\pi/400) \cos(2541\pi/50000))/8$, $(25\pi \cos(71\pi/200) \cos(1271\pi/25000))/8$,
 $(25\pi \cos(143\pi/400) \cos(2543\pi/50000))/8$, $(25\pi \cos(9\pi/25) \cos(159\pi/3125))/8$,
 $(25\pi \cos(129\pi/80) \cos(509\pi/10000))/8$, $(25\pi \cos(73\pi/200) \cos(1273\pi/25000))/8$,
 $(25\pi \cos(147\pi/400) \cos(2547\pi/50000))/8$, $(25\pi \cos(37\pi/100) \cos(637\pi/12500))/8$,
 $(25\pi \cos(149\pi/400) \cos(2549\pi/50000))/8$, $(25\pi \cos(51\pi/1000) \cdot (2 - 2^{(1/2)})^{(1/2)})/16$,
 $(25\pi \cos(151\pi/400) \cos(2551\pi/50000))/8$, $(25\pi \cos(19\pi/50) \cos(319\pi/6250))/8$,
 $(25\pi \cos(153\pi/400) \cos(2553\pi/50000))/8$, $(25\pi \cos(77\pi/200) \cos(1277\pi/25000))/8$,
 $(25\pi \cos(151\pi/80) \cos(511\pi/10000))/8$, $(25\pi \cos(39\pi/100) \cos(639\pi/12500))/8$,
 $(25\pi \cos(157\pi/400) \cos(2557\pi/50000))/8$, $(25\pi \cos(79\pi/200) \cos(1279\pi/25000))/8$,
 $(25\pi \cos(159\pi/400) \cos(2559\pi/50000))/8$, $(25\pi \cos(32\pi/625) \cdot (5^{(1/2)})^4 - 1/4)/8$,
 $(25\pi \cos(161\pi/400) \cos(2561\pi/50000))/8$, $(25\pi \cos(81\pi/200) \cos(1281\pi/25000))/8$,
 $(25\pi \cos(163\pi/400) \cos(2563\pi/50000))/8$, $(25\pi \cos(41\pi/100) \cos(641\pi/12500))/8$,
 $(25\pi \cos(133\pi/80) \cos(513\pi/10000))/8$, $(25\pi \cos(83\pi/200) \cos(1283\pi/25000))/8$,
 $(25\pi \cos(167\pi/400) \cos(2567\pi/50000))/8$, $(25\pi \cos(21\pi/50) \cos(321\pi/6250))/8$,
 $(25\pi \cos(169\pi/400) \cos(2569\pi/50000))/8$, $(25\pi \cos(17\pi/40) \cos(257\pi/5000))/8$,
 $(25\pi \cos(171\pi/400) \cos(2571\pi/50000))/8$, $(25\pi \cos(43\pi/100) \cos(643\pi/12500))/8$,
 $(25\pi \cos(173\pi/400) \cos(2573\pi/50000))/8$, $(25\pi \cos(87\pi/200) \cos(1287\pi/25000))/8$,
 $(25\pi \cos(7\pi/16) \cos(103\pi/2000))/8$, $(25\pi \cos(11\pi/25) \cos(161\pi/3125))/8$,
 $(25\pi \cos(177\pi/400) \cos(2577\pi/50000))/8$, $(25\pi \cos(89\pi/200) \cos(1289\pi/25000))/8$,
 $(25\pi \cos(179\pi/400) \cos(2579\pi/50000))/8$, $(25\pi \cos(9\pi/20) \cos(129\pi/2500))/8$,
 $(25\pi \cos(181\pi/400) \cos(2581\pi/50000))/8$, $(25\pi \cos(91\pi/200) \cos(1291\pi/25000))/8$,
 $(25\pi \cos(183\pi/400) \cos(2583\pi/50000))/8$, $(25\pi \cos(23\pi/50) \cos(323\pi/6250))/8$,
 $(25\pi \cos(37\pi/80) \cos(517\pi/10000))/8$, $(25\pi \cos(93\pi/200) \cos(1293\pi/25000))/8$,
 $(25\pi \cos(187\pi/400) \cos(2587\pi/50000))/8$, $(25\pi \cos(47\pi/100) \cos(647\pi/12500))/8$,
 $(25\pi \cos(189\pi/400) \cos(2589\pi/50000))/8$, $(25\pi \cos(19\pi/40) \cos(259\pi/5000))/8$,
 $(25\pi \cos(191\pi/400) \cos(2591\pi/50000))/8$, $(25\pi \cos(12\pi/25) \cos(162\pi/3125))/8$,
 $(25\pi \cos(193\pi/400) \cos(2593\pi/50000))/8$, $(25\pi \cos(97\pi/200) \cos(1297\pi/25000))/8$,
 $(25\pi \cos(39\pi/80) \cos(519\pi/10000))/8$, $(25\pi \cos(49\pi/100) \cos(649\pi/12500))/8$,
 $(25\pi \cos(197\pi/400) \cos(2597\pi/50000))/8$, $(25\pi \cos(99\pi/200) \cos(1299\pi/25000))/8$,
 $(25\pi \cos(199\pi/400) \cos(2599\pi/50000))/8$, 0 , $-(25\pi \cos(199\pi/400) \cos(2601\pi/50000))/8$,
 $-(25\pi \cos(99\pi/200) \cos(1301\pi/25000))/8$, $-(25\pi \cos(197\pi/400) \cos(2603\pi/50000))/8$,
 $-(25\pi \cos(49\pi/100) \cos(651\pi/12500))/8$, $-(25\pi \cos(39\pi/80) \cos(521\pi/10000))/8$,
 $-(25\pi \cos(97\pi/200) \cos(1303\pi/25000))/8$, $-(25\pi \cos(193\pi/400) \cos(2607\pi/50000))/8$,
 $-(25\pi \cos(12\pi/25) \cos(163\pi/3125))/8$, $-(25\pi \cos(191\pi/400) \cos(2609\pi/50000))/8$,
 $-(25\pi \cos(19\pi/40) \cos(261\pi/5000))/8$, $-(25\pi \cos(189\pi/400) \cos(2611\pi/50000))/8$,
 $-(25\pi \cos(47\pi/100) \cos(653\pi/12500))/8$, $-(25\pi \cos(187\pi/400) \cos(2613\pi/50000))/8$,
 $-(25\pi \cos(93\pi/200) \cos(1307\pi/25000))/8$, $-(25\pi \cos(37\pi/80) \cos(523\pi/10000))/8$,
 $-(25\pi \cos(23\pi/50) \cos(327\pi/6250))/8$, $-(25\pi \cos(183\pi/400) \cos(2617\pi/50000))/8$,
 $-(25\pi \cos(91\pi/200) \cos(1309\pi/25000))/8$, $-(25\pi \cos(181\pi/400) \cos(2619\pi/50000))/8$,
 $-(25\pi \cos(9\pi/20) \cos(131\pi/2500))/8$, $-(25\pi \cos(179\pi/400) \cos(2621\pi/50000))/8$,
 $-(25\pi \cos(89\pi/200) \cos(1311\pi/25000))/8$, $-(25\pi \cos(177\pi/400) \cos(2623\pi/50000))/8$,
 $-(25\pi \cos(11\pi/25) \cos(164\pi/3125))/8$, $-(25\pi \cos(7\pi/16) \cos(21\pi/400))/8$,
 $-(25\pi \cos(87\pi/200) \cos(1313\pi/25000))/8$, $-(25\pi \cos(173\pi/400) \cos(2627\pi/50000))/8$,
 $-(25\pi \cos(43\pi/100) \cos(657\pi/12500))/8$, $-(25\pi \cos(171\pi/400) \cos(2629\pi/50000))/8$,
 $-(25\pi \cos(17\pi/40) \cos(263\pi/5000))/8$, $-(25\pi \cos(169\pi/400) \cos(2631\pi/50000))/8$,
 $-(25\pi \cos(21\pi/50) \cos(329\pi/6250))/8$, $-(25\pi \cos(167\pi/400) \cos(2633\pi/50000))/8$,
 $-(25\pi \cos(83\pi/200) \cos(1317\pi/25000))/8$, $-(25\pi \cos(33\pi/80) \cos(527\pi/10000))/8$,
 $-(25\pi \cos(41\pi/100) \cos(659\pi/12500))/8$, $-(25\pi \cos(163\pi/400) \cos(2637\pi/50000))/8$,
 $-(25\pi \cos(81\pi/200) \cos(1319\pi/25000))/8$, $-(25\pi \cos(161\pi/400) \cos(2639\pi/50000))/8$,
 $-(25\pi \cos(33\pi/25) \cos(165\pi/4 - 1/4))/8$, $-(25\pi \cos(159\pi/400) \cos(2641\pi/50000))/8$,
 $-(25\pi \cos(79\pi/200) \cos(1321\pi/25000))/8$, $-(25\pi \cos(157\pi/400) \cos(2643\pi/50000))/8$,
 $-(25\pi \cos(39\pi/100) \cos(661\pi/12500))/8$, $-(25\pi \cos(31\pi/80) \cos(529\pi/10000))/8$,
 $-(25\pi \cos(77\pi/200) \cos(1323\pi/25000))/8$, $-(25\pi \cos(153\pi/400) \cos(2647\pi/50000))/8$,
 $-(25\pi \cos(19\pi/50) \cos(331\pi/6250))/8$, $-(25\pi \cos(151\pi/400) \cos(2649\pi/50000))/8$,

$(25\pi \cos(53\pi/1000) * (2 - 2^{1/2})^{1/2}) / 16, - (25\pi \cos(149\pi/400) \cos(2651\pi/50000)) / 8, -$
 $(25\pi \cos(37\pi/100) \cos(663\pi/12500)) / 8, - (25\pi \cos(147\pi/400) \cos(2653\pi/50000)) / 8, -$
 $(25\pi \cos(73\pi/200) \cos(1327\pi/25000)) / 8, - (25\pi \cos(29\pi/80) \cos(531\pi/10000)) / 8, -$
 $(25\pi \cos(9\pi/25) \cos(166\pi/3125)) / 8, - (25\pi \cos(143\pi/400) \cos(2657\pi/50000)) / 8, -$
 $(25\pi \cos(71\pi/200) \cos(1329\pi/25000)) / 8, - (25\pi \cos(141\pi/400) \cos(2659\pi/50000)) / 8, -$
 $(25\pi \cos(7\pi/20) \cos(133\pi/2500)) / 8, - (25\pi \cos(139\pi/400) \cos(2661\pi/50000)) / 8, -$
 $(25\pi \cos(69\pi/200) \cos(1331\pi/25000)) / 8, - (25\pi \cos(137\pi/400) \cos(2663\pi/50000)) / 8, -$
 $(25\pi \cos(17\pi/50) \cos(333\pi/6250)) / 8, - (25\pi \cos(27\pi/80) \cos(533\pi/10000)) / 8, -$
 $(25\pi \cos(67\pi/200) \cos(1333\pi/25000)) / 8, - (25\pi \cos(133\pi/400) \cos(2667\pi/50000)) / 8, -$
 $(25\pi \cos(33\pi/100) \cos(667\pi/12500)) / 8, - (25\pi \cos(131\pi/400) \cos(2669\pi/50000)) / 8, -$
 $(25\pi \cos(13\pi/40) \cos(267\pi/5000)) / 8, - (25\pi \cos(129\pi/400) \cos(2671\pi/50000)) / 8, -$
 $(25\pi \cos(8\pi/25) \cos(167\pi/3125)) / 8, - (25\pi \cos(127\pi/400) \cos(2673\pi/50000)) / 8, -$
 $(25\pi \cos(63\pi/200) \cos(1337\pi/25000)) / 8, - (25\pi \cos(5\pi/16) \cos(107\pi/2000)) / 8, -$
 $(25\pi \cos(31\pi/100) \cos(669\pi/12500)) / 8, - (25\pi \cos(123\pi/400) \cos(2677\pi/50000)) / 8, -$
 $(25\pi \cos(61\pi/200) \cos(1339\pi/25000)) / 8, - (25\pi \cos(121\pi/400) \cos(2679\pi/50000)) / 8, -$
 $(25 * 2^{1/2} * \pi * \cos(67\pi/1250) * (5 - 5^{1/2})^{1/2}) / 32, -$
 $(25\pi \cos(119\pi/400) \cos(2681\pi/50000)) / 8, - (25\pi \cos(59\pi/200) \cos(1341\pi/25000)) / 8, -$
 $(25\pi \cos(117\pi/400) \cos(2683\pi/50000)) / 8, - (25\pi \cos(29\pi/100) \cos(671\pi/12500)) / 8, -$
 $(25\pi \cos(23\pi/80) \cos(537\pi/10000)) / 8, - (25\pi \cos(57\pi/200) \cos(1343\pi/25000)) / 8, -$
 $(25\pi \cos(113\pi/400) \cos(2687\pi/50000)) / 8, - (25\pi \cos(7\pi/25) \cos(168\pi/3125)) / 8, -$
 $(25\pi \cos(111\pi/400) \cos(2689\pi/50000)) / 8, - (25\pi \cos(11\pi/40) \cos(269\pi/5000)) / 8, -$
 $(25\pi \cos(109\pi/400) \cos(2691\pi/50000)) / 8, - (25\pi \cos(27\pi/100) \cos(673\pi/12500)) / 8, -$
 $(25\pi \cos(107\pi/400) \cos(2693\pi/50000)) / 8, - (25\pi \cos(53\pi/200) \cos(1347\pi/25000)) / 8, -$
 $(25\pi \cos(21\pi/80) \cos(539\pi/10000)) / 8, - (25\pi \cos(13\pi/50) \cos(337\pi/6250)) / 8, -$
 $(25\pi \cos(103\pi/400) \cos(2697\pi/50000)) / 8, - (25\pi \cos(51\pi/200) \cos(1349\pi/25000)) / 8, -$
 $(25\pi \cos(101\pi/400) \cos(2699\pi/50000)) / 8, - (25 * 2^{1/2} * \pi * \cos(27\pi/500)) / 16, -$
 $(25\pi \cos(99\pi/400) \cos(2701\pi/50000)) / 8, - (25\pi \cos(49\pi/200) \cos(1351\pi/25000)) / 8, -$
 $(25\pi \cos(97\pi/400) \cos(2703\pi/50000)) / 8, - (25\pi \cos(6\pi/25) \cos(169\pi/3125)) / 8, -$
 $(25\pi \cos(19\pi/80) \cos(541\pi/10000)) / 8, - (25\pi \cos(47\pi/200) \cos(1353\pi/25000)) / 8, -$
 $(25\pi \cos(93\pi/400) \cos(2707\pi/50000)) / 8, - (25\pi \cos(23\pi/100) \cos(677\pi/12500)) / 8, -$
 $(25\pi \cos(91\pi/400) \cos(2709\pi/50000)) / 8, - (25\pi \cos(9\pi/40) \cos(271\pi/5000)) / 8, -$
 $(25\pi \cos(89\pi/400) \cos(2711\pi/50000)) / 8, - (25\pi \cos(11\pi/50) \cos(339\pi/6250)) / 8, -$
 $(25\pi \cos(87\pi/400) \cos(2713\pi/50000)) / 8, - (25\pi \cos(43\pi/200) \cos(1357\pi/25000)) / 8, -$
 $(25\pi \cos(17\pi/80) \cos(543\pi/10000)) / 8, -$
 $(25\pi \cos(21\pi/100) \cos(679\pi/12500)) / 8, -$
 $(25\pi \cos(83\pi/400) \cos(2717\pi/50000)) / 8, -$
 $(25\pi \cos(41\pi/200) \cos(1359\pi/25000)) / 8, -$
 $(25\pi \cos(81\pi/400) \cos(2719\pi/50000)) / 8, -$
 $(25\pi \cos(34\pi/625) * (5^{1/2}/4 + 1/4)) / 8, -$
 $(25\pi \cos(79\pi/400) \cos(2721\pi/50000)) / 8, -$
 $(25\pi \cos(39\pi/200) \cos(1361\pi/25000)) / 8, -$
 $(25\pi \cos(77\pi/400) \cos(2723\pi/50000)) / 8, -$
 $(25\pi \cos(19\pi/100) \cos(681\pi/12500)) / 8, -$
 $(25\pi \cos(3\pi/16) \cos(109\pi/2000)) / 8, -$
 $(25\pi \cos(37\pi/200) \cos(1363\pi/25000)) / 8, -$
 $(25\pi \cos(73\pi/400) \cos(2727\pi/50000)) / 8, -$
 $(25\pi \cos(9\pi/50) \cos(341\pi/6250)) / 8, -$
 $(25\pi \cos(71\pi/400) \cos(2729\pi/50000)) / 8, -$
 $(25\pi \cos(7\pi/40) \cos(273\pi/5000)) / 8, -$
 $(25\pi \cos(69\pi/400) \cos(2731\pi/50000)) / 8, -$
 $(25\pi \cos(17\pi/100) \cos(683\pi/12500)) / 8, -$
 $(25\pi \cos(67\pi/400) \cos(2733\pi/50000)) / 8, -$
 $(25\pi \cos(33\pi/200) \cos(1367\pi/25000)) / 8, -$
 $(25\pi \cos(13\pi/80) \cos(547\pi/10000)) / 8, -$
 $(25\pi \cos(4\pi/25) \cos(171\pi/3125)) / 8, -$

$(25\pi\cos((63\pi)/400)\cos((2737\pi)/50000))/8, -$
 $(25\pi\cos((31\pi)/200)\cos((1369\pi)/25000))/8, -(25\pi\cos((61\pi$
 $400)\cos((2739\pi)/50000))/8, -(25\pi\cos((3\pi)/20)\cos((137\pi)/2500))/8, -$
 $(25\pi\cos((59\pi)/400)\cos((2741\pi)/50000))/8, -$
 $(25\pi\cos((29\pi)/200)\cos((1371\pi)/25000))/8, -$
 $(25\pi\cos((57\pi)/400)\cos((2743\pi)/50000))/8, -$
 $(25\pi\cos((7\pi)/50)\cos((343\pi)/6250))/8, -$
 $(25\pi\cos((11\pi)/80)\cos((549\pi)/10000))/8, -$
 $(25\pi\cos((27\pi)/200)\cos((1373\pi)/25000))/8, -$
 $(25\pi\cos((53\pi)/400)\cos((2747\pi)/50000))/8, -$
 $(25\pi\cos((13\pi)/100)\cos((687\pi)/12500))/8, -$
 $(25\pi\cos((51\pi)/400)\cos((2749\pi)/50000))/8, -(25\pi\cos((11\pi)/200)*(2^{(1/2)}$
 $+ 2)^{(1/2)})/16, -(25\pi\cos((49\pi)/400)\cos((2751\pi)/50000))/8, -$
 $(25\pi\cos((3\pi)/25)\cos((172\pi)/3125))/8, -$
 $(25\pi\cos((47\pi)/400)\cos((2753\pi)/50000))/8, -$
 $(25\pi\cos((23\pi)/200)\cos((1377\pi)/25000))/8, -$
 $(25\pi\cos((9\pi)/80)\cos((551\pi)/10000))/8, -$
 $(25\pi\cos((11\pi)/100)\cos((689\pi)/12500))/8, -$
 $(25\pi\cos((43\pi)/400)\cos((2757\pi)/50000))/8, -$
 $(25\pi\cos((21\pi)/200)\cos((1379\pi)/25000))/8, -$
 $(25\pi\cos((41\pi)/400)\cos((2759\pi)/50000))/8, -$
 $(25*2^{(1/2)}*\pi\cos((69\pi)/1250)*(5^{(1/2)} + 5)^{(1/2)})/32, -$
 $(25\pi\cos((39\pi)/400)\cos((2761\pi)/50000))/8, -$
 $(25\pi\cos((19\pi)/200)\cos((1381\pi)/25000))/8, -$
 $(25\pi\cos((37\pi)/400)\cos((2763\pi)/50000))/8, -$
 $(25\pi\cos((9\pi)/100)\cos((691\pi)/12500))/8, -$
 $(25\pi\cos((7\pi)/80)\cos((553\pi)/10000))/8, -$
 $(25\pi\cos((17\pi)/200)\cos((1383\pi)/25000))/8, -$
 $(25\pi\cos((33\pi)/400)\cos((2767\pi)/50000))/8, -$
 $(25\pi\cos((2\pi)/25)\cos((173\pi)/3125))/8, -$
 $(25\pi\cos((31\pi)/400)\cos((2769\pi)/50000))/8, -$
 $(25\pi\cos((3\pi)/40)\cos((277\pi)/5000))/8, -$
 $(25\pi\cos((29\pi)/400)\cos((2771\pi)/50000))/8, -$
 $(25\pi\cos((7\pi)/100)\cos((693\pi)/12500))/8, -$
 $(25\pi\cos((27\pi)/400)\cos((2773\pi)/50000))/8, -$
 $(25\pi\cos((13\pi)/200)\cos((1387\pi)/25000))/8, -$
 $(25\pi\cos(\pi/16)\cos((111\pi)/2000))/8, -$
 $(25\pi\cos((3\pi)/50)\cos((347\pi)/6250))/8, -$
 $(25\pi\cos((23\pi)/400)\cos((2777\pi)/50000))/8, -$
 $(25\pi\cos((11\pi)/200)\cos((1389\pi)/25000))/8, -$
 $(25\pi\cos((21\pi)/400)\cos((2779\pi)/50000))/8, -$
 $(25\pi\cos(\pi/20)\cos((139\pi)/2500))/8, -$
 $(25\pi\cos((19\pi)/400)\cos((2781\pi)/50000))/8, -$
 $(25\pi\cos((9\pi)/200)\cos((1391\pi)/25000))/8, -$
 $(25\pi\cos((17\pi)/400)\cos((2783\pi)/50000))/8, -$
 $(25\pi\cos(\pi/25)\cos((174\pi)/3125))/8, -$
 $(25\pi\cos((3\pi)/80)\cos((557\pi)/10000))/8, -$
 $(25\pi\cos((7\pi)/200)\cos((1393\pi)/25000))/8, -$
 $(25\pi\cos((13\pi)/400)\cos((2787\pi)/50000))/8, -$

$(25\pi \cos(3\pi/100) \cos(697\pi/12500))/8, -$
 $(25\pi \cos(11\pi/400) \cos(2789\pi/50000))/8, -$
 $(25\pi \cos(\pi/40) \cos(279\pi/5000))/8, -$
 $(25\pi \cos(9\pi/400) \cos(2791\pi/50000))/8, -$
 $(25\pi \cos(\pi/50) \cos(349\pi/6250))/8, -$
 $(25\pi \cos(7\pi/400) \cos(2793\pi/50000))/8, -$
 $(25\pi \cos(3\pi/200) \cos(1397\pi/25000))/8, -$
 $(25\pi \cos(\pi/80) \cos(559\pi/10000))/8, -$
 $(25\pi \cos(\pi/100) \cos(699\pi/12500))/8, -$
 $(25\pi \cos(3\pi/400) \cos(2797\pi/50000))/8, -$
 $(25\pi \cos(\pi/200) \cos(1399\pi/25000))/8, -$
 $(25\pi \cos(\pi/400) \cos(2799\pi/50000))/8, - (25\pi \cos(7\pi/125))/8, -$
 $(25\pi \cos(\pi/400) \cos(2801\pi/50000))/8, -$
 $(25\pi \cos(\pi/200) \cos(1401\pi/25000))/8, -$
 $(25\pi \cos(3\pi/400) \cos(2803\pi/50000))/8, -$
 $(25\pi \cos(\pi/100) \cos(701\pi/12500))/8, -$
 $(25\pi \cos(\pi/80) \cos(561\pi/10000))/8, -$
 $(25\pi \cos(3\pi/200) \cos(1403\pi/25000))/8, -$
 $(25\pi \cos(7\pi/400) \cos(2807\pi/50000))/8, -$
 $(25\pi \cos(\pi/50) \cos(351\pi/6250))/8, -$
 $(25\pi \cos(9\pi/400) \cos(2809\pi/50000))/8, -$
 $(25\pi \cos(\pi/40) \cos(281\pi/5000))/8, -$
 $(25\pi \cos(11\pi/400) \cos(2811\pi/50000))/8, -$
 $(25\pi \cos(3\pi/100) \cos(703\pi/12500))/8, -$
 $(25\pi \cos(13\pi/400) \cos(2813\pi/50000))/8, -$
 $(25\pi \cos(7\pi/200) \cos(1407\pi/25000))/8, -$
 $(25\pi \cos(3\pi/80) \cos(563\pi/10000))/8, -$
 $(25\pi \cos(\pi/25) \cos(176\pi/3125))/8, -$
 $(25\pi \cos(17\pi/400) \cos(2817\pi/50000))/8, -$
 $(25\pi \cos(9\pi/200) \cos(1409\pi/25000))/8, -$
 $(25\pi \cos(19\pi/400) \cos(2819\pi/50000))/8, -$
 $(25\pi \cos(\pi/20) \cos(141\pi/2500))/8, -$
 $(25\pi \cos(21\pi/400) \cos(2821\pi/50000))/8, -$
 $(25\pi \cos(11\pi/200) \cos(1411\pi/25000))/8, -$
 $(25\pi \cos(23\pi/400) \cos(2823\pi/50000))/8, -$
 $(25\pi \cos(3\pi/50) \cos(353\pi/6250))/8, -$
 $(25\pi \cos(\pi/16) \cos(113\pi/2000))/8, -$
 $(25\pi \cos(13\pi/200) \cos(1413\pi/25000))/8, -$
 $(25\pi \cos(27\pi/400) \cos(2827\pi/50000))/8, -$
 $(25\pi \cos(7\pi/100) \cos(707\pi/12500))/8, -$
 $(25\pi \cos(29\pi/400) \cos(2829\pi/50000))/8, -$
 $(25\pi \cos(3\pi/40) \cos(283\pi/5000))/8, -$
 $(25\pi \cos(31\pi/400) \cos(2831\pi/50000))/8, -$
 $(25\pi \cos(2\pi/25) \cos(177\pi/3125))/8, -$
 $(25\pi \cos(33\pi/400) \cos(2833\pi/50000))/8, -$
 $(25\pi \cos(17\pi/200) \cos(1417\pi/25000))/8, -$
 $(25\pi \cos(7\pi/80) \cos(567\pi/10000))/8, -$
 $(25\pi \cos(9\pi/100) \cos(709\pi/12500))/8, -$
 $(25\pi \cos(37\pi/400) \cos(2837\pi/50000))/8, - (25\pi \cos(19\pi/200) \cos(1419\pi/25000))/8, -$
 $(25\pi \cos(39\pi/400) \cos(2839\pi/50000))/8, -$

$(25 \cdot 2^{1/2} \cdot \pi \cdot \cos((71 \cdot \pi)/1250) \cdot (5^{1/2} + 5^{1/2}))/32, -$
 $(25 \cdot \pi \cdot \cos((41 \cdot \pi)/400) \cdot \cos((2841 \cdot \pi)/50000))/8, -$
 $(25 \cdot \pi \cdot \cos((21 \cdot \pi)/200) \cdot \cos((1421 \cdot \pi)/25000))/8, -$
 $(25 \cdot \pi \cdot \cos((43 \cdot \pi)/400) \cdot \cos((2843 \cdot \pi)/50000))/8, -$
 $(25 \cdot \pi \cdot \cos((11 \cdot \pi)/100) \cdot \cos((711 \cdot \pi)/12500))/8, -$
 $(25 \cdot \pi \cdot \cos((9 \cdot \pi)/80) \cdot \cos((569 \cdot \pi)/10000))/8, -$
 $(25 \cdot \pi \cdot \cos((23 \cdot \pi)/200) \cdot \cos((1423 \cdot \pi)/25000))/8, -$
 $(25 \cdot \pi \cdot \cos((47 \cdot \pi)/400) \cdot \cos((2847 \cdot \pi)/50000))/8, -$
 $(25 \cdot \pi \cdot \cos((3 \cdot \pi)/25) \cdot \cos((178 \cdot \pi)/3125))/8, -$
 $(25 \cdot \pi \cdot \cos((49 \cdot \pi)/400) \cdot \cos((2849 \cdot \pi)/50000))/8, - (25 \cdot \pi \cdot \cos((57 \cdot \pi)/1000) \cdot (2^{1/2} + 2)^{1/2})/16, - (25 \cdot \pi \cdot \cos((51 \cdot \pi)/400) \cdot \cos((2851 \cdot \pi)/50000))/8, -$
 $(25 \cdot \pi \cdot \cos((13 \cdot \pi)/100) \cdot \cos((713 \cdot \pi)/12500))/8, -$
 $(25 \cdot \pi \cdot \cos((53 \cdot \pi)/400) \cdot \cos((2853 \cdot \pi)/50000))/8, -$
 $(25 \cdot \pi \cdot \cos((27 \cdot \pi)/200) \cdot \cos((1427 \cdot \pi)/25000))/8, -$
 $(25 \cdot \pi \cdot \cos((11 \cdot \pi)/80) \cdot \cos((571 \cdot \pi)/10000))/8, -$
 $(25 \cdot \pi \cdot \cos((7 \cdot \pi)/50) \cdot \cos((357 \cdot \pi)/6250))/8, -$
 $(25 \cdot \pi \cdot \cos((57 \cdot \pi)/400) \cdot \cos((2857 \cdot \pi)/50000))/8, -$
 $(25 \cdot \pi \cdot \cos((29 \cdot \pi)/200) \cdot \cos((1429 \cdot \pi)/25000))/8, -$
 $(25 \cdot \pi \cdot \cos((59 \cdot \pi)/400) \cdot \cos((2859 \cdot \pi)/50000))/8, -$
 $(25 \cdot \pi \cdot \cos((3 \cdot \pi)/20) \cdot \cos((143 \cdot \pi)/2500))/8, -$
 $(25 \cdot \pi \cdot \cos((61 \cdot \pi)/400) \cdot \cos((2861 \cdot \pi)/50000))/8, -$
 $(25 \cdot \pi \cdot \cos((31 \cdot \pi)/200) \cdot \cos((1431 \cdot \pi)/25000))/8, -$
 $(25 \cdot \pi \cdot \cos((63 \cdot \pi)/400) \cdot \cos((2863 \cdot \pi)/50000))/8, -$
 $(25 \cdot \pi \cdot \cos((4 \cdot \pi)/25) \cdot \cos((179 \cdot \pi)/3125))/8, -$
 $(25 \cdot \pi \cdot \cos((13 \cdot \pi)/80) \cdot \cos((573 \cdot \pi)/10000))/8, -$
 $(25 \cdot \pi \cdot \cos((33 \cdot \pi)/200) \cdot \cos((1433 \cdot \pi)/25000))/8, -$
 $(25 \cdot \pi \cdot \cos((67 \cdot \pi)/400) \cdot \cos((2867 \cdot \pi)/50000))/8, -$
 $(25 \cdot \pi \cdot \cos((17 \cdot \pi)/100) \cdot \cos((717 \cdot \pi)/12500))/8, -$
 $(25 \cdot \pi \cdot \cos((69 \cdot \pi)/400) \cdot \cos((2869 \cdot \pi)/50000))/8, -$
 $(25 \cdot \pi \cdot \cos((7 \cdot \pi)/40) \cdot \cos((287 \cdot \pi)/5000))/8, -$
 $(25 \cdot \pi \cdot \cos((71 \cdot \pi)/400) \cdot \cos((2871 \cdot \pi)/50000))/8, -$
 $(25 \cdot \pi \cdot \cos((9 \cdot \pi)/50) \cdot \cos((359 \cdot \pi)/6250))/8, -$
 $(25 \cdot \pi \cdot \cos((73 \cdot \pi)/400) \cdot \cos((2873 \cdot \pi)/50000))/8, -$
 $(25 \cdot \pi \cdot \cos((37 \cdot \pi)/200) \cdot \cos((1437 \cdot \pi)/25000))/8, -$
 $(25 \cdot \pi \cdot \cos((3 \cdot \pi)/16) \cdot \cos((23 \cdot \pi)/400))/8, -$
 $(25 \cdot \pi \cdot \cos((19 \cdot \pi)/100) \cdot \cos((719 \cdot \pi)/12500))/8, -$
 $(25 \cdot \pi \cdot \cos((77 \cdot \pi)/400) \cdot \cos((2877 \cdot \pi)/50000))/8, -$
 $(25 \cdot \pi \cdot \cos((39 \cdot \pi)/200) \cdot \cos((1439 \cdot \pi)/25000))/8, -$
 $(25 \cdot \pi \cdot \cos((79 \cdot \pi)/400) \cdot \cos((2879 \cdot \pi)/50000))/8, -$
 $(25 \cdot \pi \cdot \cos((36 \cdot \pi)/625) \cdot (5^{1/2}/4 + 1/4))/8, -$
 $(25 \cdot \pi \cdot \cos((81 \cdot \pi)/400) \cdot \cos((2881 \cdot \pi)/50000))/8, -$
 $(25 \cdot \pi \cdot \cos((41 \cdot \pi)/200) \cdot \cos((1441 \cdot \pi)/25000))/8, -$
 $(25 \cdot \pi \cdot \cos((83 \cdot \pi)/400) \cdot \cos((2883 \cdot \pi)/50000))/8, -$
 $(25 \cdot \pi \cdot \cos((21 \cdot \pi)/100) \cdot \cos((721 \cdot \pi)/12500))/8, -$
 $(25 \cdot \pi \cdot \cos((17 \cdot \pi)/80) \cdot \cos((577 \cdot \pi)/10000))/8, -$
 $(25 \cdot \pi \cdot \cos((43 \cdot \pi)/200) \cdot \cos((1443 \cdot \pi)/25000))/8, -$
 $(25 \cdot \pi \cdot \cos((87 \cdot \pi)/400) \cdot \cos((2887 \cdot \pi)/50000))/8, -$
 $(25 \cdot \pi \cdot \cos((11 \cdot \pi)/50) \cdot \cos((361 \cdot \pi)/6250))/8, -$
 $(25 \cdot \pi \cdot \cos((89 \cdot \pi)/400) \cdot \cos((2889 \cdot \pi)/50000))/8, -$
 $(25 \cdot \pi \cdot \cos((9 \cdot \pi)/40) \cdot \cos((289 \cdot \pi)/5000))/8, -$

$(25\pi\cos((91\pi)/400)\cos((2891\pi)/50000))/8, -$
 $(25\pi\cos((23\pi)/100)\cos((723\pi)/12500))/8, -$
 $(25\pi\cos((93\pi)/400)\cos((2893\pi)/50000))/8, -$
 $(25\pi\cos((47\pi)/200)\cos((1447\pi)/25000))/8, -$
 $(25\pi\cos((19\pi)/80)\cos((579\pi)/10000))/8, -$
 $(25\pi\cos((6\pi)/25)\cos((181\pi)/3125))/8, -$
 $(25\pi\cos((97\pi)/400)\cos((2897\pi)/50000))/8, -$
 $(25\pi\cos((49\pi)/200)\cos((1449\pi)/25000))/8, -$
 $(25\pi\cos((99\pi)/400)\cos((2899\pi)/50000))/8, -$
 $(25^2 \wedge (1/2)\pi\cos((29\pi)/500))/16, -$
 $(25\pi\cos((101\pi)/400)\cos((2901\pi)/50000))/8, -$
 $(25\pi\cos((51\pi)/200)\cos((1451\pi)/25000))/8, -$
 $(25\pi\cos((103\pi)/400)\cos((2903\pi)/50000))/8, -$
 $(25\pi\cos((13\pi)/50)\cos((363\pi)/6250))/8, -$
 $(25\pi\cos((21\pi)/80)\cos((581\pi)/10000))/8, -$
 $(25\pi\cos((53\pi)/200)\cos((1453\pi)/25000))/8, -$
 $(25\pi\cos((107\pi)/400)\cos((2907\pi)/50000))/8, -$
 $(25\pi\cos((27\pi)/100)\cos((727\pi)/12500))/8, -$
 $(25\pi\cos((109\pi)/400)\cos((2909\pi)/50000))/8, -$
 $(25\pi\cos((11\pi)/40)\cos((291\pi)/5000))/8, -$
 $(25\pi\cos((111\pi)/400)\cos((2911\pi)/50000))/8, -$
 $(25\pi\cos((7\pi)/25)\cos((182\pi)/3125))/8, -$
 $(25\pi\cos((113\pi)/400)\cos((2913\pi)/50000))/8, -$
 $(25\pi\cos((57\pi)/200)\cos((1457\pi)/25000))/8, -$
 $(25\pi\cos((23\pi)/80)\cos((583\pi)/10000))/8, -$
 $(25\pi\cos((29\pi)/100)\cos((729\pi)/12500))/8, -$
 $(25\pi\cos((117\pi)/400)\cos((2917\pi)/50000))/8, -$
 $(25\pi\cos((59\pi)/200)\cos((1459\pi)/25000))/8, -$
 $(25\pi\cos((119\pi)/400)\cos((2919\pi)/50000))/8, -$
 $(25^2 \wedge (1/2)\pi\cos((73\pi)/1250)*(5 - 5 \wedge (1/2)) \wedge (1/2))/32, -$
 $(25\pi\cos((121\pi)/400)\cos((2921\pi)/50000))/8, -$
 $(25\pi\cos((61\pi)/200)\cos((1461\pi)/25000))/8, -$
 $(25\pi\cos((123\pi)/400)\cos((2923\pi)/50000))/8, -$
 $(25\pi\cos((31\pi)/100)\cos((731\pi)/12500))/8, -$
 $(25\pi\cos((5\pi)/16)\cos((117\pi)/2000))/8, -$
 $(25\pi\cos((63\pi)/200)\cos((1463\pi)/25000))/8, -$
 $(25\pi\cos((127\pi)/400)\cos((2927\pi)/50000))/8, -$
 $(25\pi\cos((8\pi)/25)\cos((183\pi)/3125))/8, -$
 $(25\pi\cos((129\pi)/400)\cos((2929\pi)/50000))/8, -$
 $(25\pi\cos((13\pi)/40)\cos((293\pi)/5000))/8, -$
 $(25\pi\cos((131\pi)/400)\cos((2931\pi)/50000))/8, -$
 $(25\pi\cos((33\pi)/100)\cos((733\pi)/12500))/8, -$
 $(25\pi\cos((133\pi)/400)\cos((2933\pi)/50000))/8, -$
 $(25\pi\cos((67\pi)/200)\cos((1467\pi)/25000))/8, -$
 $(25\pi\cos((27\pi)/80)\cos((587\pi)/10000))/8, -$
 $(25\pi\cos((17\pi)/50)\cos((367\pi)/6250))/8, -$
 $(25\pi\cos((137\pi)/400)\cos((2937\pi)/50000))/8, -$
 $(25\pi\cos((69\pi)/200)\cos((1469\pi)/25000))/8, -$
 $(25\pi\cos((139\pi)/400)\cos((2939\pi)/50000))/8, -$
 $(25\pi\cos((7\pi)/20)\cos((147\pi)/2500))/8, -$

$(25\pi \cos((141\pi)/400) \cos((2941\pi)/50000))/8, -$
 $(25\pi \cos((71\pi)/200) \cos((1471\pi)/25000))/8, -$
 $(25\pi \cos((143\pi)/400) \cos((2943\pi)/50000))/8, -$
 $(25\pi \cos((9\pi)/25) \cos((184\pi)/3125))/8, -$
 $(25\pi \cos((29\pi)/80) \cos((589\pi)/10000))/8, -$
 $(25\pi \cos((73\pi)/200) \cos((1473\pi)/25000))/8, -$
 $(25\pi \cos((147\pi)/400) \cos((2947\pi)/50000))/8, -$
 $(25\pi \cos((37\pi)/100) \cos((737\pi)/12500))/8, -$
 $(25\pi \cos((149\pi)/400) \cos((2949\pi)/50000))/8, -(25\pi \cos((59\pi)/1000) * (2 - 2^{(1/2)})^{(1/2)})/16, -(25\pi \cos((151\pi)/400) \cos((2951\pi)/50000))/8, -$
 $(25\pi \cos((19\pi)/50) \cos((369\pi)/6250))/8, -$
 $(25\pi \cos((153\pi)/400) \cos((2953\pi)/50000))/8, -$
 $(25\pi \cos((77\pi)/200) \cos((1477\pi)/25000))/8, -$
 $(25\pi \cos((31\pi)/80) \cos((591\pi)/10000))/8, -$
 $(25\pi \cos((39\pi)/100) \cos((739\pi)/12500))/8, -$
 $(25\pi \cos((157\pi)/400) \cos((2957\pi)/50000))/8, -(25\pi \cos((79\pi)/200) \cos((1479\pi)/25000))/8, -$
 $(25\pi \cos((159\pi)/400) \cos((2959\pi)/50000))/8, -(25\pi \cos((37\pi)/625) * (5^{(1/2)}/4 - 1/4))/8, -$
 $(25\pi \cos((161\pi)/400) \cos((2961\pi)/50000))/8, -(25\pi \cos((81\pi)/200) \cos((1481\pi)/25000))/8, -$
 $(25\pi \cos((163\pi)/400) \cos((2963\pi)/50000))/8, -(25\pi \cos((41\pi)/100) \cos((741\pi)/12500))/8, -$
 $(25\pi \cos((33\pi)/80) \cos((593\pi)/10000))/8, -(25\pi \cos((83\pi)/200) \cos((1483\pi)/25000))/8, -$
 $(25\pi \cos((167\pi)/400) \cos((2967\pi)/50000))/8, -(25\pi \cos((21\pi)/50) \cos((371\pi)/6250))/8, -$
 $(25\pi \cos((169\pi)/400) \cos((2969\pi)/50000))/8, -(25\pi \cos((17\pi)/40) \cos((297\pi)/5000))/8, -$
 $(25\pi \cos((171\pi)/400) \cos((2971\pi)/50000))/8, -(25\pi \cos((43\pi)/100) \cos((743\pi)/12500))/8, -$
 $(25\pi \cos((173\pi)/400) \cos((2973\pi)/50000))/8, -(25\pi \cos((87\pi)/200) \cos((1487\pi)/25000))/8, -$
 $(25\pi \cos((7\pi)/16) \cos((119\pi)/2000))/8, -(25\pi \cos((11\pi)/25) \cos((186\pi)/3125))/8, -$
 $(25\pi \cos((177\pi)/400) \cos((2977\pi)/50000))/8, -(25\pi \cos((89\pi)/200) \cos((1489\pi)/25000))/8, -$
 $(25\pi \cos((179\pi)/400) \cos((2979\pi)/50000))/8, -(25\pi \cos((9\pi)/20) \cos((149\pi)/2500))/8, -$
 $(25\pi \cos((181\pi)/400) \cos((2981\pi)/50000))/8, -(25\pi \cos((91\pi)/200) \cos((1491\pi)/25000))/8, -$
 $(25\pi \cos((183\pi)/400) \cos((2983\pi)/50000))/8, -(25\pi \cos((23\pi)/50) \cos((373\pi)/6250))/8, -$
 $(25\pi \cos((37\pi)/80) \cos((597\pi)/10000))/8, -(25\pi \cos((93\pi)/200) \cos((1493\pi)/25000))/8, -$
 $(25\pi \cos((187\pi)/400) \cos((2987\pi)/50000))/8, -(25\pi \cos((47\pi)/100) \cos((747\pi)/12500))/8, -$
 $(25\pi \cos((189\pi)/400) \cos((2989\pi)/50000))/8, -(25\pi \cos((19\pi)/40) \cos((299\pi)/5000))/8, -$
 $(25\pi \cos((191\pi)/400) \cos((2991\pi)/50000))/8, -(25\pi \cos((12\pi)/25) \cos((187\pi)/3125))/8, -$
 $(25\pi \cos((193\pi)/400) \cos((2993\pi)/50000))/8, -(25\pi \cos((97\pi)/200) \cos((1497\pi)/25000))/8, -$
 $(25\pi \cos((39\pi)/80) \cos((599\pi)/10000))/8, -(25\pi \cos((49\pi)/100) \cos((749\pi)/12500))/8, -$
 $(25\pi \cos((197\pi)/400) \cos((2997\pi)/50000))/8, -(25\pi \cos((99\pi)/200) \cos((1499\pi)/25000))/8, -$
 $(25\pi \cos((199\pi)/400) \cos((2999\pi)/50000))/8, 0, (25\pi \cos((199\pi)/400) \cos((3001\pi)/50000))/8, -$
 $(25\pi \cos((99\pi)/200) \cos((1501\pi)/25000))/8, (25\pi \cos((197\pi)/400) \cos((3003\pi)/50000))/8, -$
 $(25\pi \cos((49\pi)/100) \cos((751\pi)/12500))/8, (25\pi \cos((39\pi)/80) \cos((601\pi)/10000))/8, -$
 $(25\pi \cos((97\pi)/200) \cos((1503\pi)/25000))/8, (25\pi \cos((193\pi)/400) \cos((3007\pi)/50000))/8, -$
 $(25\pi \cos((12\pi)/25) \cos((188\pi)/3125))/8, (25\pi \cos((191\pi)/400) \cos((3009\pi)/50000))/8, -$
 $(25\pi \cos((19\pi)/40) \cos((301\pi)/5000))/8, (25\pi \cos((189\pi)/400) \cos((3011\pi)/50000))/8, -$
 $(25\pi \cos((47\pi)/100) \cos((753\pi)/12500))/8, (25\pi \cos((187\pi)/400) \cos((3013\pi)/50000))/8, -$
 $(25\pi \cos((93\pi)/200) \cos((1507\pi)/25000))/8, (25\pi \cos((37\pi)/80) \cos((603\pi)/10000))/8, -$
 $(25\pi \cos((23\pi)/50) \cos((377\pi)/6250))/8, (25\pi \cos((183\pi)/400) \cos((3017\pi)/50000))/8, -$
 $(25\pi \cos((91\pi)/200) \cos((1509\pi)/25000))/8, (25\pi \cos((181\pi)/400) \cos((3019\pi)/50000))/8, -$
 $(25\pi \cos((9\pi)/20) \cos((151\pi)/2500))/8, (25\pi \cos((179\pi)/400) \cos((3021\pi)/50000))/8, -$
 $(25\pi \cos((89\pi)/200) \cos((1511\pi)/25000))/8, (25\pi \cos((177\pi)/400) \cos((3023\pi)/50000))/8, -$
 $(25\pi \cos((11\pi)/25) \cos((189\pi)/3125))/8, (25\pi \cos((7\pi)/16) \cos((121\pi)/2000))/8, -$
 $(25\pi \cos((87\pi)/200) \cos((1513\pi)/25000))/8, (25\pi \cos((173\pi)/400) \cos((3027\pi)/50000))/8, -$
 $(25\pi \cos((43\pi)/100) \cos((757\pi)/12500))/8, (25\pi \cos((171\pi)/400) \cos((3029\pi)/50000))/8, -$
 $(25\pi \cos((17\pi)/40) \cos((303\pi)/5000))/8, (25\pi \cos((169\pi)/400) \cos((3031\pi)/50000))/8, -$
 $(25\pi \cos((21\pi)/50) \cos((379\pi)/6250))/8, (25\pi \cos((167\pi)/400) \cos((3033\pi)/50000))/8, -$
 $(25\pi \cos((83\pi)/200) \cos((1517\pi)/25000))/8, (25\pi \cos((33\pi)/80) \cos((607\pi)/10000))/8, -$
 $(25\pi \cos((41\pi)/100) \cos((759\pi)/12500))/8, (25\pi \cos((163\pi)/400) \cos((3037\pi)/50000))/8, -$
 $(25\pi \cos((81\pi)/200) \cos((1519\pi)/25000))/8, (25\pi \cos((161\pi)/400) \cos((3039\pi)/50000))/8, -$
 $(25\pi \cos((38\pi)/625) * (5^{(1/2)}/4 - 1/4))/8, (25\pi \cos((159\pi)/400) \cos((3041\pi)/50000))/8, -$
 $(25\pi \cos((79\pi)/200) \cos((1521\pi)/25000))/8, (25\pi \cos((157\pi)/400) \cos((3043\pi)/50000))/8, -$

$(25\pi \cos((39\pi)/100) \cos((761\pi)/12500))/8$, $(25\pi \cos((31\pi)/80) \cos((609\pi)/10000))/8$,
 $(25\pi \cos((77\pi)/200) \cos((1523\pi)/25000))/8$, $(25\pi \cos((153\pi)/400) \cos((3047\pi)/50000))/8$,
 $(25\pi \cos((19\pi)/50) \cos((381\pi)/6250))/8$, $(25\pi \cos((151\pi)/400) \cos((3049\pi)/50000))/8$,
 $(25\pi \cos((61\pi)/1000) * (2 - 2^{(1/2)})^{(1/2)})/16$, $(25\pi \cos((149\pi)/400) \cos((3051\pi)/50000))/8$,
 $(25\pi \cos((37\pi)/100) \cos((763\pi)/12500))/8$, $(25\pi \cos((147\pi)/400) \cos((3053\pi)/50000))/8$,
 $(25\pi \cos((73\pi)/200) \cos((1527\pi)/25000))/8$, $(25\pi \cos((29\pi)/80) \cos((611\pi)/10000))/8$,
 $(25\pi \cos((9\pi)/25) \cos((191\pi)/3125))/8$, $(25\pi \cos((143\pi)/400) \cos((3057\pi)/50000))/8$,
 $(25\pi \cos((71\pi)/200) \cos((1529\pi)/25000))/8$, $(25\pi \cos((141\pi)/400) \cos((3059\pi)/50000))/8$,
 $(25\pi \cos((7\pi)/20) \cos((153\pi)/2500))/8$, $(25\pi \cos((139\pi)/400) \cos((3061\pi)/50000))/8$,
 $(25\pi \cos((69\pi)/200) \cos((1531\pi)/25000))/8$, $(25\pi \cos((137\pi)/400) \cos((3063\pi)/50000))/8$,
 $(25\pi \cos((17\pi)/50) \cos((383\pi)/6250))/8$, $(25\pi \cos((27\pi)/80) \cos((613\pi)/10000))/8$,
 $(25\pi \cos((67\pi)/200) \cos((1533\pi)/25000))/8$, $(25\pi \cos((133\pi)/400) \cos((3067\pi)/50000))/8$,
 $(25\pi \cos((33\pi)/100) \cos((767\pi)/12500))/8$, $(25\pi \cos((131\pi)/400) \cos((3069\pi)/50000))/8$,
 $(25\pi \cos((13\pi)/40) \cos((307\pi)/5000))/8$, $(25\pi \cos((129\pi)/400) \cos((3071\pi)/50000))/8$,
 $(25\pi \cos((8\pi)/25) \cos((192\pi)/3125))/8$, $(25\pi \cos((127\pi)/400) \cos((3073\pi)/50000))/8$,
 $(25\pi \cos((63\pi)/200) \cos((1537\pi)/25000))/8$, $(25\pi \cos((5\pi)/16) \cos((123\pi)/2000))/8$,
 $(25\pi \cos((31\pi)/100) \cos((769\pi)/12500))/8$, $(25\pi \cos((123\pi)/400) \cos((3077\pi)/50000))/8$,
 $(25\pi \cos((61\pi)/200) \cos((1539\pi)/25000))/8$, $(25\pi \cos((121\pi)/400) \cos((3079\pi)/50000))/8$,
 $(25 \cdot 2^{(1/2)} \pi \cos((77\pi)/1250) * (5 - 5^{(1/2)})^{(1/2)})/32$,
 $(25\pi \cos((119\pi)/400) \cos((3081\pi)/50000))/8$, $(25\pi \cos((59\pi)/200) \cos((1541\pi)/25000))/8$,
 $(25\pi \cos((117\pi)/400) \cos((3083\pi)/50000))/8$, $(25\pi \cos((29\pi)/100) \cos((771\pi)/12500))/8$,
 $(25\pi \cos((23\pi)/80) \cos((617\pi)/10000))/8$, $(25\pi \cos((57\pi)/200) \cos((1543\pi)/25000))/8$,
 $(25\pi \cos((113\pi)/400) \cos((3087\pi)/50000))/8$, $(25\pi \cos((7\pi)/25) \cos((193\pi)/3125))/8$,
 $(25\pi \cos((111\pi)/400) \cos((3089\pi)/50000))/8$, $(25\pi \cos((11\pi)/40) \cos((309\pi)/5000))/8$,
 $(25\pi \cos((109\pi)/400) \cos((3091\pi)/50000))/8$, $(25\pi \cos((27\pi)/100) \cos((773\pi)/12500))/8$,
 $(25\pi \cos((107\pi)/400) \cos((3093\pi)/50000))/8$, $(25\pi \cos((53\pi)/200) \cos((1547\pi)/25000))/8$,
 $(25\pi \cos((21\pi)/80) \cos((619\pi)/10000))/8$, $(25\pi \cos((13\pi)/50) \cos((387\pi)/6250))/8$,
 $(25\pi \cos((103\pi)/400) \cos((3097\pi)/50000))/8$, $(25\pi \cos((51\pi)/200) \cos((1549\pi)/25000))/8$,
 $(25\pi \cos((101\pi)/400) \cos((3099\pi)/50000))/8$, $(25 \cdot 2^{(1/2)} \pi \cos((31\pi)/500))/16$,
 $(25\pi \cos((99\pi)/400) \cos((3101\pi)/50000))/8$, $(25\pi \cos((49\pi)/200) \cos((1551\pi)/25000))/8$,
 $(25\pi \cos((97\pi)/400) \cos((3103\pi)/50000))/8$, $(25\pi \cos((6\pi)/25) \cos((194\pi)/3125))/8$,
 $(25\pi \cos((19\pi)/80) \cos((621\pi)/10000))/8$, $(25\pi \cos((47\pi)/200) \cos((1553\pi)/25000))/8$,
 $(25\pi \cos((93\pi)/400) \cos((3107\pi)/50000))/8$, $(25\pi \cos((23\pi)/100) \cos((777\pi)/12500))/8$,
 $(25\pi \cos((91\pi)/400) \cos((3109\pi)/50000))/8$, $(25\pi \cos((9\pi)/40) \cos((311\pi)/5000))/8$,
 $(25\pi \cos((89\pi)/400) \cos((3111\pi)/50000))/8$, $(25\pi \cos((11\pi)/50) \cos((389\pi)/6250))/8$,
 $(25\pi \cos((87\pi)/400) \cos((3113\pi)/50000))/8$, $(25\pi \cos((43\pi)/200) \cos((1557\pi)/25000))/8$,
 $(25\pi \cos((17\pi)/80) \cos((623\pi)/10000))/8$, $(25\pi \cos((21\pi)/100) \cos((779\pi)/12500))/8$,
 $(25\pi \cos((83\pi)/400) \cos((3117\pi)/50000))/8$, $(25\pi \cos((41\pi)/200) \cos((1559\pi)/25000))/8$,
 $(25\pi \cos((81\pi)/400) \cos((3119\pi)/50000))/8$, $(25\pi \cos((39\pi)/625) * (5^{(1/2)})^{(1/4)} + 1/4))/8$,
 $(25\pi \cos((79\pi)/400) \cos((3121\pi)/50000))/8$, $(25\pi \cos((39\pi)/200) \cos((1561\pi)/25000))/8$,
 $(25\pi \cos((77\pi)/400) \cos((3123\pi)/50000))/8$, $(25\pi \cos((19\pi)/100) \cos((781\pi)/12500))/8$,
 $(25\pi \cos(\pi/16) \cos((3\pi)/16))/8$, $(25\pi \cos((37\pi)/200) \cos((1563\pi)/25000))/8$,
 $(25\pi \cos((73\pi)/400) \cos((3127\pi)/50000))/8$, $(25\pi \cos((9\pi)/50) \cos((391\pi)/6250))/8$,
 $(25\pi \cos((71\pi)/400) \cos((3129\pi)/50000))/8$, $(25\pi \cos((7\pi)/40) \cos((313\pi)/5000))/8$,
 $(25\pi \cos((69\pi)/400) \cos((3131\pi)/50000))/8$, $(25\pi \cos((17\pi)/100) \cos((783\pi)/12500))/8$,
 $(25\pi \cos((67\pi)/400) \cos((3133\pi)/50000))/8$, $(25\pi \cos((33\pi)/200) \cos((1567\pi)/25000))/8$,
 $(25\pi \cos((13\pi)/80) \cos((627\pi)/10000))/8$, $(25\pi \cos((4\pi)/25) \cos((196\pi)/3125))/8$,
 $(25\pi \cos((63\pi)/400) \cos((3137\pi)/50000))/8$, $(25\pi \cos((31\pi)/200) \cos((1569\pi)/25000))/8$,
 $(25\pi \cos((61\pi)/400) \cos((3139\pi)/50000))/8$, $(25\pi \cos((3\pi)/20) \cos((157\pi)/2500))/8$,
 $(25\pi \cos((59\pi)/400) \cos((3141\pi)/50000))/8$, $(25\pi \cos((29\pi)/200) \cos((1571\pi)/25000))/8$,
 $(25\pi \cos((57\pi)/400) \cos((3143\pi)/50000))/8$, $(25\pi \cos((7\pi)/50) \cos((393\pi)/6250))/8$,
 $(25\pi \cos((11\pi)/80) \cos((629\pi)/10000))/8$, $(25\pi \cos((27\pi)/200) \cos((1573\pi)/25000))/8$,
 $(25\pi \cos((53\pi)/400) \cos((3147\pi)/50000))/8$, $(25\pi \cos((13\pi)/100) \cos((787\pi)/12500))/8$,
 $(25\pi \cos((51\pi)/400) \cos((3149\pi)/50000))/8$, $(25\pi \cos((63\pi)/1000) * (2^{(1/2)} + 2)^{(1/2)})/16$,
 $(25\pi \cos((49\pi)/400) \cos((3151\pi)/50000))/8$, $(25\pi \cos((3\pi)/25) \cos((197\pi)/3125))/8$,
 $(25\pi \cos((47\pi)/400) \cos((3153\pi)/50000))/8$, $(25\pi \cos((23\pi)/200) \cos((1577\pi)/25000))/8$,
 $(25\pi \cos((9\pi)/80) \cos((631\pi)/10000))/8$, $(25\pi \cos((11\pi)/100) \cos((789\pi)/12500))/8$,
 $(25\pi \cos((43\pi)/400) \cos((3157\pi)/50000))/8$, $(25\pi \cos((21\pi)/200) \cos((1579\pi)/25000))/8$,
 $(25\pi \cos((41\pi)/400) \cos((3159\pi)/50000))/8$, $(25 \cdot 2^{(1/2)} \pi \cos((79\pi)/1250) * (5^{(1/2)} + 5^{(1/2)})/32$, $(25\pi \cos((39\pi)/400) \cos((3161\pi)/50000))/8$,
 $(25\pi \cos((19\pi)/200) \cos((1581\pi)/25000))/8$, $(25\pi \cos((37\pi)/400) \cos((3163\pi)/50000))/8$,

$(25\pi \cos(9\pi/100) \cos(791\pi/12500))/8$, $(25\pi \cos(7\pi/80) \cos(633\pi/10000))/8$,
 $(25\pi \cos(17\pi/200) \cos(1583\pi/25000))/8$, $(25\pi \cos(33\pi/400) \cos(3167\pi/50000))/8$,
 $(25\pi \cos(2\pi/25) \cos(198\pi/3125))/8$, $(25\pi \cos(31\pi/400) \cos(3169\pi/50000))/8$,
 $(25\pi \cos(3\pi/40) \cos(317\pi/5000))/8$, $(25\pi \cos(29\pi/400) \cos(3171\pi/50000))/8$,
 $(25\pi \cos(7\pi/100) \cos(793\pi/12500))/8$, $(25\pi \cos(27\pi/400) \cos(3173\pi/50000))/8$,
 $(25\pi \cos(13\pi/200) \cos(1587\pi/25000))/8$, $(25\pi \cos(\pi/16) \cos(127\pi/2000))/8$,
 $(25\pi \cos(3\pi/50) \cos(397\pi/6250))/8$, $(25\pi \cos(23\pi/400) \cos(3177\pi/50000))/8$,
 $(25\pi \cos(11\pi/200) \cos(1589\pi/25000))/8$, $(25\pi \cos(21\pi/400) \cos(3179\pi/50000))/8$,
 $(25\pi \cos(\pi/20) \cos(159\pi/2500))/8$, $(25\pi \cos(19\pi/400) \cos(3181\pi/50000))/8$,
 $(25\pi \cos(9\pi/200) \cos(1591\pi/25000))/8$, $(25\pi \cos(17\pi/400) \cos(3183\pi/50000))/8$,
 $(25\pi \cos(\pi/25) \cos(199\pi/3125))/8$, $(25\pi \cos(3\pi/80) \cos(637\pi/10000))/8$,
 $(25\pi \cos(7\pi/200) \cos(1593\pi/25000))/8$, $(25\pi \cos(13\pi/400) \cos(3187\pi/50000))/8$,
 $(25\pi \cos(3\pi/100) \cos(797\pi/12500))/8$, $(25\pi \cos(11\pi/400) \cos(3189\pi/50000))/8$,
 $(25\pi \cos(\pi/40) \cos(319\pi/5000))/8$, $(25\pi \cos(9\pi/400) \cos(3191\pi/50000))/8$,
 $(25\pi \cos(\pi/50) \cos(399\pi/6250))/8$, $(25\pi \cos(7\pi/400) \cos(3193\pi/50000))/8$,
 $(25\pi \cos(3\pi/200) \cos(1597\pi/25000))/8$, $(25\pi \cos(\pi/80) \cos(639\pi/10000))/8$,
 $(25\pi \cos(\pi/100) \cos(799\pi/12500))/8$, $(25\pi \cos(3\pi/400) \cos(3197\pi/50000))/8$,
 $(25\pi \cos(\pi/200) \cos(1599\pi/25000))/8$, $(25\pi \cos(\pi/400) \cos(3199\pi/50000))/8$,
 $(25\pi \cos(8\pi/125))/8$, $(25\pi \cos(\pi/400) \cos(3201\pi/50000))/8$,
 $(25\pi \cos(\pi/200) \cos(1601\pi/25000))/8$, $(25\pi \cos(3\pi/400) \cos(3203\pi/50000))/8$,
 $(25\pi \cos(\pi/100) \cos(801\pi/12500))/8$, $(25\pi \cos(\pi/80) \cos(641\pi/10000))/8$,
 $(25\pi \cos(3\pi/200) \cos(1603\pi/25000))/8$, $(25\pi \cos(7\pi/400) \cos(3207\pi/50000))/8$,
 $(25\pi \cos(\pi/50) \cos(401\pi/6250))/8$, $(25\pi \cos(9\pi/400) \cos(3209\pi/50000))/8$,
 $(25\pi \cos(\pi/40) \cos(321\pi/5000))/8$, $(25\pi \cos(11\pi/400) \cos(3211\pi/50000))/8$,
 $(25\pi \cos(3\pi/100) \cos(803\pi/12500))/8$, $(25\pi \cos(13\pi/400) \cos(3213\pi/50000))/8$,
 $(25\pi \cos(7\pi/200) \cos(1607\pi/25000))/8$, $(25\pi \cos(3\pi/80) \cos(643\pi/10000))/8$,
 $(25\pi \cos(\pi/25) \cos(201\pi/3125))/8$, $(25\pi \cos(17\pi/400) \cos(3217\pi/50000))/8$,
 $(25\pi \cos(9\pi/200) \cos(1609\pi/25000))/8$, $(25\pi \cos(19\pi/400) \cos(3219\pi/50000))/8$,
 $(25\pi \cos(\pi/20) \cos(161\pi/2500))/8$, $(25\pi \cos(21\pi/400) \cos(3221\pi/50000))/8$,
 $(25\pi \cos(11\pi/200) \cos(1611\pi/25000))/8$, $(25\pi \cos(23\pi/400) \cos(3223\pi/50000))/8$,
 $(25\pi \cos(3\pi/50) \cos(403\pi/6250))/8$, $(25\pi \cos(\pi/16) \cos(129\pi/2000))/8$,
 $(25\pi \cos(13\pi/200) \cos(1613\pi/25000))/8$, $(25\pi \cos(27\pi/400) \cos(3227\pi/50000))/8$,
 $(25\pi \cos(7\pi/100) \cos(807\pi/12500))/8$, $(25\pi \cos(29\pi/400) \cos(3229\pi/50000))/8$,
 $(25\pi \cos(3\pi/40) \cos(323\pi/5000))/8$, $(25\pi \cos(31\pi/400) \cos(3231\pi/50000))/8$,
 $(25\pi \cos(2\pi/25) \cos(202\pi/3125))/8$, $(25\pi \cos(33\pi/400) \cos(3233\pi/50000))/8$,
 $(25\pi \cos(17\pi/200) \cos(1617\pi/25000))/8$, $(25\pi \cos(7\pi/80) \cos(647\pi/10000))/8$,
 $(25\pi \cos(9\pi/100) \cos(809\pi/12500))/8$, $(25\pi \cos(37\pi/400) \cos(3237\pi/50000))/8$,
 $(25\pi \cos(19\pi/200) \cos(1619\pi/25000))/8$, $(25\pi \cos(39\pi/400) \cos(3239\pi/50000))/8$,
 $(25 \cdot 2^{1/2} \pi \cos(81\pi/1250) \cdot (5^{1/2} + 5)^{1/2})/32$,
 $(25\pi \cos(41\pi/400) \cos(3241\pi/50000))/8$, $(25\pi \cos(21\pi/200) \cos(1621\pi/25000))/8$,
 $(25\pi \cos(43\pi/400) \cos(3243\pi/50000))/8$, $(25\pi \cos(11\pi/100) \cos(811\pi/12500))/8$,
 $(25\pi \cos(9\pi/80) \cos(649\pi/10000))/8$, $(25\pi \cos(23\pi/200) \cos(1623\pi/25000))/8$,
 $(25\pi \cos(47\pi/400) \cos(3247\pi/50000))/8$, $(25\pi \cos(3\pi/25) \cos(203\pi/3125))/8$,
 $(25\pi \cos(49\pi/400) \cos(3249\pi/50000))/8$, $(25\pi \cos(13\pi/200) \cdot (2^{1/2} + 2)^{1/2})/16$,
 $(25\pi \cos(51\pi/400) \cos(3251\pi/50000))/8$, $(25\pi \cos(13\pi/100) \cos(813\pi/12500))/8$,
 $(25\pi \cos(53\pi/400) \cos(3253\pi/50000))/8$, $(25\pi \cos(27\pi/200) \cos(1627\pi/25000))/8$,
 $(25\pi \cos(11\pi/80) \cos(651\pi/10000))/8$, $(25\pi \cos(7\pi/50) \cos(407\pi/6250))/8$,
 $(25\pi \cos(57\pi/400) \cos(3257\pi/50000))/8$, $(25\pi \cos(29\pi/200) \cos(1629\pi/25000))/8$,
 $(25\pi \cos(59\pi/400) \cos(3259\pi/50000))/8$, $(25\pi \cos(3\pi/20) \cos(163\pi/2500))/8$,
 $(25\pi \cos(61\pi/400) \cos(3261\pi/50000))/8$, $(25\pi \cos(31\pi/200) \cos(1631\pi/25000))/8$,
 $(25\pi \cos(63\pi/400) \cos(3263\pi/50000))/8$, $(25\pi \cos(4\pi/25) \cos(204\pi/3125))/8$,
 $(25\pi \cos(13\pi/80) \cos(653\pi/10000))/8$, $(25\pi \cos(33\pi/200) \cos(1633\pi/25000))/8$,
 $(25\pi \cos(67\pi/400) \cos(3267\pi/50000))/8$, $(25\pi \cos(17\pi/100) \cos(817\pi/12500))/8$,
 $(25\pi \cos(69\pi/400) \cos(3269\pi/50000))/8$, $(25\pi \cos(7\pi/40) \cos(327\pi/5000))/8$,
 $(25\pi \cos(71\pi/400) \cos(3271\pi/50000))/8$, $(25\pi \cos(9\pi/50) \cos(409\pi/6250))/8$,
 $(25\pi \cos(73\pi/400) \cos(3273\pi/50000))/8$, $(25\pi \cos(37\pi/200) \cos(1637\pi/25000))/8$,
 $(25\pi \cos(3\pi/16) \cos(131\pi/2000))/8$, $(25\pi \cos(19\pi/100) \cos(819\pi/12500))/8$,
 $(25\pi \cos(77\pi/400) \cos(3277\pi/50000))/8$, $(25\pi \cos(39\pi/200) \cos(1639\pi/25000))/8$,
 $(25\pi \cos(79\pi/400) \cos(3279\pi/50000))/8$, $(25\pi \cos(41\pi/625) \cdot (5^{1/2}/4 + 1/4))/8$,
 $(25\pi \cos(81\pi/400) \cos(3281\pi/50000))/8$, $(25\pi \cos(41\pi/200) \cos(1641\pi/25000))/8$,
 $(25\pi \cos(83\pi/400) \cos(3283\pi/50000))/8$, $(25\pi \cos(21\pi/100) \cos(821\pi/12500))/8$,

$(25\pi \cos(17\pi/80) \cos(657\pi/10000))/8$, $(25\pi \cos(43\pi/200) \cos(1643\pi/25000))/8$,
 $(25\pi \cos(87\pi/400) \cos(3287\pi/50000))/8$, $(25\pi \cos(11\pi/50) \cos(411\pi/6250))/8$,
 $(25\pi \cos(89\pi/400) \cos(3289\pi/50000))/8$, $(25\pi \cos(9\pi/40) \cos(329\pi/5000))/8$,
 $(25\pi \cos(91\pi/400) \cos(3291\pi/50000))/8$, $(25\pi \cos(23\pi/100) \cos(823\pi/12500))/8$,
 $(25\pi \cos(93\pi/400) \cos(3293\pi/50000))/8$, $(25\pi \cos(47\pi/200) \cos(1647\pi/25000))/8$,
 $(25\pi \cos(19\pi/80) \cos(659\pi/10000))/8$, $(25\pi \cos(6\pi/25) \cos(206\pi/3125))/8$,
 $(25\pi \cos(97\pi/400) \cos(3297\pi/50000))/8$, $(25\pi \cos(49\pi/200) \cos(1649\pi/25000))/8$,
 $(25\pi \cos(99\pi/400) \cos(3299\pi/50000))/8$, $(25 \cdot 2^{1/2} \pi \cos(33\pi/500))/16$,
 $(25\pi \cos(101\pi/400) \cos(3301\pi/50000))/8$, $(25\pi \cos(51\pi/200) \cos(1651\pi/25000))/8$,
 $(25\pi \cos(103\pi/400) \cos(3303\pi/50000))/8$, $(25\pi \cos(13\pi/50) \cos(413\pi/6250))/8$,
 $(25\pi \cos(21\pi/80) \cos(661\pi/10000))/8$, $(25\pi \cos(53\pi/200) \cos(1653\pi/25000))/8$,
 $(25\pi \cos(107\pi/400) \cos(3307\pi/50000))/8$, $(25\pi \cos(27\pi/100) \cos(827\pi/12500))/8$,
 $(25\pi \cos(109\pi/400) \cos(3309\pi/50000))/8$, $(25\pi \cos(11\pi/40) \cos(331\pi/5000))/8$,
 $(25\pi \cos(111\pi/400) \cos(3311\pi/50000))/8$, $(25\pi \cos(7\pi/25) \cos(207\pi/3125))/8$,
 $(25\pi \cos(113\pi/400) \cos(3313\pi/50000))/8$, $(25\pi \cos(57\pi/200) \cos(1657\pi/25000))/8$,
 $(25\pi \cos(23\pi/80) \cos(663\pi/10000))/8$, $(25\pi \cos(29\pi/100) \cos(829\pi/12500))/8$,
 $(25\pi \cos(117\pi/400) \cos(3317\pi/50000))/8$, $(25\pi \cos(59\pi/200) \cos(1659\pi/25000))/8$,
 $(25\pi \cos(119\pi/400) \cos(3319\pi/50000))/8$, $(25 \cdot 2^{1/2} \pi \cos(83\pi/1250) \cdot (5 - 5^{1/2})^{1/2})/32$,
 $(25\pi \cos(121\pi/400) \cos(3321\pi/50000))/8$,
 $(25\pi \cos(61\pi/200) \cos(1661\pi/25000))/8$, $(25\pi \cos(123\pi/400) \cos(3323\pi/50000))/8$,
 $(25\pi \cos(31\pi/100) \cos(831\pi/12500))/8$, $(25\pi \cos(5\pi/16) \cos(133\pi/2000))/8$,
 $(25\pi \cos(63\pi/200) \cos(1663\pi/25000))/8$, $(25\pi \cos(127\pi/400) \cos(3327\pi/50000))/8$,
 $(25\pi \cos(8\pi/25) \cos(208\pi/3125))/8$, $(25\pi \cos(129\pi/400) \cos(3329\pi/50000))/8$,
 $(25\pi \cos(13\pi/40) \cos(333\pi/5000))/8$, $(25\pi \cos(131\pi/400) \cos(3331\pi/50000))/8$,
 $(25\pi \cos(33\pi/100) \cos(833\pi/12500))/8$, $(25\pi \cos(133\pi/400) \cos(3333\pi/50000))/8$,
 $(25\pi \cos(67\pi/200) \cos(1667\pi/25000))/8$, $(25\pi \cos(27\pi/80) \cos(667\pi/10000))/8$,
 $(25\pi \cos(17\pi/50) \cos(417\pi/6250))/8$, $(25\pi \cos(137\pi/400) \cos(3337\pi/50000))/8$,
 $(25\pi \cos(69\pi/200) \cos(1669\pi/25000))/8$, $(25\pi \cos(139\pi/400) \cos(3339\pi/50000))/8$,
 $(25\pi \cos(7\pi/20) \cos(167\pi/2500))/8$, $(25\pi \cos(141\pi/400) \cos(3341\pi/50000))/8$,
 $(25\pi \cos(71\pi/200) \cos(1671\pi/25000))/8$, $(25\pi \cos(143\pi/400) \cos(3343\pi/50000))/8$,
 $(25\pi \cos(9\pi/25) \cos(209\pi/3125))/8$, $(25\pi \cos(145\pi/400) \cos(3345\pi/50000))/8$,
 $(25\pi \cos(73\pi/200) \cos(1673\pi/25000))/8$, $(25\pi \cos(147\pi/400) \cos(3347\pi/50000))/8$,
 $(25\pi \cos(37\pi/100) \cos(837\pi/12500))/8$, $(25\pi \cos(149\pi/400) \cos(3349\pi/50000))/8$,
 $(25\pi \cos(67\pi/1000) \cdot (2 - 2^{1/2})^{1/2})/16$, $(25\pi \cos(151\pi/400) \cos(3351\pi/50000))/8$,
 $(25\pi \cos(19\pi/50) \cos(419\pi/6250))/8$, $(25\pi \cos(153\pi/400) \cos(3353\pi/50000))/8$,
 $(25\pi \cos(77\pi/200) \cos(1677\pi/25000))/8$, $(25\pi \cos(31\pi/80) \cos(671\pi/10000))/8$,
 $(25\pi \cos(39\pi/100) \cos(839\pi/12500))/8$, $(25\pi \cos(157\pi/400) \cos(3357\pi/50000))/8$,
 $(25\pi \cos(79\pi/200) \cos(1679\pi/25000))/8$, $(25\pi \cos(159\pi/400) \cos(3359\pi/50000))/8$,
 $(25\pi \cos(42\pi/625) \cdot (5^{1/2})^{1/4} - 1/4)/8$, $(25\pi \cos(161\pi/400) \cos(3361\pi/50000))/8$,
 $(25\pi \cos(81\pi/200) \cos(1681\pi/25000))/8$, $(25\pi \cos(163\pi/400) \cos(3363\pi/50000))/8$,
 $(25\pi \cos(41\pi/100) \cos(841\pi/12500))/8$, $(25\pi \cos(33\pi/80) \cos(673\pi/10000))/8$,
 $(25\pi \cos(83\pi/200) \cos(1683\pi/25000))/8$, $(25\pi \cos(167\pi/400) \cos(3367\pi/50000))/8$,
 $(25\pi \cos(21\pi/50) \cos(421\pi/6250))/8$, $(25\pi \cos(169\pi/400) \cos(3369\pi/50000))/8$,
 $(25\pi \cos(17\pi/40) \cos(337\pi/5000))/8$, $(25\pi \cos(171\pi/400) \cos(3371\pi/50000))/8$,
 $(25\pi \cos(43\pi/100) \cos(843\pi/12500))/8$, $(25\pi \cos(173\pi/400) \cos(3373\pi/50000))/8$,
 $(25\pi \cos(87\pi/200) \cos(1687\pi/25000))/8$, $(25\pi \cos(7\pi/16) \cos(27\pi/400))/8$,
 $(25\pi \cos(11\pi/25) \cos(211\pi/3125))/8$, $(25\pi \cos(177\pi/400) \cos(3377\pi/50000))/8$,
 $(25\pi \cos(89\pi/200) \cos(1689\pi/25000))/8$, $(25\pi \cos(179\pi/400) \cos(3379\pi/50000))/8$,
 $(25\pi \cos(9\pi/20) \cos(169\pi/2500))/8$, $(25\pi \cos(181\pi/400) \cos(3381\pi/50000))/8$,
 $(25\pi \cos(91\pi/200) \cos(1691\pi/25000))/8$, $(25\pi \cos(183\pi/400) \cos(3383\pi/50000))/8$,
 $(25\pi \cos(23\pi/50) \cos(423\pi/6250))/8$, $(25\pi \cos(37\pi/80) \cos(677\pi/10000))/8$,
 $(25\pi \cos(93\pi/200) \cos(1693\pi/25000))/8$, $(25\pi \cos(187\pi/400) \cos(3387\pi/50000))/8$,
 $(25\pi \cos(47\pi/100) \cos(847\pi/12500))/8$, $(25\pi \cos(189\pi/400) \cos(3389\pi/50000))/8$,
 $(25\pi \cos(19\pi/40) \cos(339\pi/5000))/8$, $(25\pi \cos(191\pi/400) \cos(3391\pi/50000))/8$,
 $(25\pi \cos(12\pi/25) \cos(212\pi/3125))/8$, $(25\pi \cos(193\pi/400) \cos(3393\pi/50000))/8$,
 $(25\pi \cos(97\pi/200) \cos(1697\pi/25000))/8$, $(25\pi \cos(39\pi/80) \cos(679\pi/10000))/8$,
 $(25\pi \cos(49\pi/100) \cos(849\pi/12500))/8$, $(25\pi \cos(197\pi/400) \cos(3397\pi/50000))/8$,
 $(25\pi \cos(99\pi/200) \cos(1699\pi/25000))/8$, $(25\pi \cos(199\pi/400) \cos(3399\pi/50000))/8$, 0, -
 $(25\pi \cos(199\pi/400) \cos(3401\pi/50000))/8$, $-(25\pi \cos(99\pi/200) \cos(1701\pi/25000))/8$, -
 $(25\pi \cos(197\pi/400) \cos(3403\pi/50000))/8$, $-(25\pi \cos(49\pi/100) \cos(851\pi/12500))/8$, -
 $(25\pi \cos(39\pi/80) \cos(681\pi/10000))/8$, $-(25\pi \cos(97\pi/200) \cos(1703\pi/25000))/8$, -

$(25\pi \cos((193\pi)/400) \cos((3407\pi)/50000))/8, - (25\pi \cos((12\pi)/25) \cos((213\pi)/3125))/8, -$
 $(25\pi \cos((191\pi)/400) \cos((3409\pi)/50000))/8, - (25\pi \cos((19\pi)/40) \cos((341\pi)/5000))/8, -$
 $(25\pi \cos((189\pi)/400) \cos((3411\pi)/50000))/8, - (25\pi \cos((47\pi)/100) \cos((853\pi)/12500))/8, -$
 $(25\pi \cos((187\pi)/400) \cos((3413\pi)/50000))/8, - (25\pi \cos((93\pi)/200) \cos((1707\pi)/25000))/8, -$
 $(25\pi \cos((37\pi)/80) \cos((683\pi)/10000))/8, - (25\pi \cos((23\pi)/50) \cos((427\pi)/6250))/8, -$
 $(25\pi \cos((183\pi)/400) \cos((3417\pi)/50000))/8, - (25\pi \cos((91\pi)/200) \cos((1709\pi)/25000))/8, -$
 $(25\pi \cos((181\pi)/400) \cos((3419\pi)/50000))/8, - (25\pi \cos((9\pi)/20) \cos((171\pi)/2500))/8, -$
 $(25\pi \cos((179\pi)/400) \cos((3421\pi)/50000))/8, - (25\pi \cos((89\pi)/200) \cos((1711\pi)/25000))/8, -$
 $(25\pi \cos((177\pi)/400) \cos((3423\pi)/50000))/8, - (25\pi \cos((11\pi)/25) \cos((214\pi)/3125))/8, -$
 $(25\pi \cos((7\pi)/16) \cos((137\pi)/2000))/8, - (25\pi \cos((87\pi)/200) \cos((1713\pi)/25000))/8, -$
 $(25\pi \cos((173\pi)/400) \cos((3427\pi)/50000))/8, - (25\pi \cos((43\pi)/100) \cos((857\pi)/12500))/8, -$
 $(25\pi \cos((171\pi)/400) \cos((3429\pi)/50000))/8, - (25\pi \cos((17\pi)/40) \cos((343\pi)/5000))/8, -$
 $(25\pi \cos((169\pi)/400) \cos((3431\pi)/50000))/8, - (25\pi \cos((21\pi)/50) \cos((429\pi)/6250))/8, -$
 $(25\pi \cos((167\pi)/400) \cos((3433\pi)/50000))/8, - (25\pi \cos((83\pi)/200) \cos((1717\pi)/25000))/8, -$
 $(25\pi \cos((33\pi)/80) \cos((687\pi)/10000))/8, - (25\pi \cos((41\pi)/100) \cos((859\pi)/12500))/8, -$
 $(25\pi \cos((163\pi)/400) \cos((3437\pi)/50000))/8, - (25\pi \cos((81\pi)/200) \cos((1719\pi)/25000))/8, -$
 $(25\pi \cos((161\pi)/400) \cos((3439\pi)/50000))/8, - (25\pi \cos((43\pi)/625) * (5^{1/2}/4 - 1/4))/8, -$
 $(25\pi \cos((159\pi)/400) \cos((3441\pi)/50000))/8, - (25\pi \cos((79\pi)/200) \cos((1721\pi)/25000))/8, -$
 $(25\pi \cos((157\pi)/400) \cos((3443\pi)/50000))/8, - (25\pi \cos((39\pi)/100) \cos((861\pi)/12500))/8, -$
 $(25\pi \cos((31\pi)/80) \cos((689\pi)/10000))/8, - (25\pi \cos((77\pi)/200) \cos((1723\pi)/25000))/8, -$
 $(25\pi \cos((153\pi)/400) \cos((3447\pi)/50000))/8, - (25\pi \cos((19\pi)/50) \cos((431\pi)/6250))/8, -$
 $(25\pi \cos((151\pi)/400) \cos((3449\pi)/50000))/8, - (25\pi \cos((69\pi)/1000) * (2 - 2^{1/2})^{1/2})/16, -$
 $(25\pi \cos((149\pi)/400) \cos((3451\pi)/50000))/8, - (25\pi \cos((37\pi)/100) \cos((863\pi)/12500))/8, -$
 $(25\pi \cos((147\pi)/400) \cos((3453\pi)/50000))/8, - (25\pi \cos((73\pi)/200) \cos((1727\pi)/25000))/8, -$
 $(25\pi \cos((29\pi)/80) \cos((691\pi)/10000))/8, - (25\pi \cos((9\pi)/25) \cos((216\pi)/3125))/8, -$
 $(25\pi \cos((143\pi)/400) \cos((3457\pi)/50000))/8, - (25\pi \cos((71\pi)/200) \cos((1729\pi)/25000))/8, -$
 $(25\pi \cos((141\pi)/400) \cos((3459\pi)/50000))/8, - (25\pi \cos((7\pi)/20) \cos((173\pi)/2500))/8, -$
 $(25\pi \cos((139\pi)/400) \cos((3461\pi)/50000))/8, - (25\pi \cos((69\pi)/200) \cos((1731\pi)/25000))/8, -$
 $(25\pi \cos((137\pi)/400) \cos((3463\pi)/50000))/8, - (25\pi \cos((17\pi)/50) \cos((433\pi)/6250))/8, -$
 $(25\pi \cos((27\pi)/80) \cos((693\pi)/10000))/8, - (25\pi \cos((67\pi)/200) \cos((1733\pi)/25000))/8, -$
 $(25\pi \cos((133\pi)/400) \cos((3467\pi)/50000))/8, - (25\pi \cos((33\pi)/100) \cos((867\pi)/12500))/8, -$
 $(25\pi \cos((131\pi)/400) \cos((3469\pi)/50000))/8, - (25\pi \cos((13\pi)/40) \cos((347\pi)/5000))/8, -$
 $(25\pi \cos((129\pi)/400) \cos((3471\pi)/50000))/8, - (25\pi \cos((8\pi)/25) \cos((217\pi)/3125))/8, -$
 $(25\pi \cos((127\pi)/400) \cos((3473\pi)/50000))/8, - (25\pi \cos((63\pi)/200) \cos((1737\pi)/25000))/8, -$
 $(25\pi \cos((5\pi)/16) \cos((139\pi)/2000))/8, - (25\pi \cos((31\pi)/100) \cos((869\pi)/12500))/8, -$
 $(25\pi \cos((123\pi)/400) \cos((3477\pi)/50000))/8, - (25\pi \cos((61\pi)/200) \cos((1739\pi)/25000))/8, -$
 $(25\pi \cos((121\pi)/400) \cos((3479\pi)/50000))/8, - (25 * 2^{1/2} * \pi \cos((87\pi)/1250) * (5 -$
 $5^{1/2})^{1/2})/32, - (25\pi \cos((119\pi)/400) \cos((3481\pi)/50000))/8, -$
 $(25\pi \cos((59\pi)/200) \cos((1741\pi)/25000))/8, - (25\pi \cos((117\pi)/400) \cos((3483\pi)/50000))/8, -$
 $(25\pi \cos((29\pi)/100) \cos((871\pi)/12500))/8, - (25\pi \cos((23\pi)/80) \cos((697\pi)/10000))/8, -$
 $(25\pi \cos((57\pi)/200) \cos((1743\pi)/25000))/8, - (25\pi \cos((113\pi)/400) \cos((3487\pi)/50000))/8, -$
 $(25\pi \cos((7\pi)/25) \cos((218\pi)/3125))/8, - (25\pi \cos((111\pi)/400) \cos((3489\pi)/50000))/8, -$
 $(25\pi \cos((11\pi)/40) \cos((349\pi)/5000))/8, - (25\pi \cos((109\pi)/400) \cos((3491\pi)/50000))/8, -$
 $(25\pi \cos((27\pi)/100) \cos((873\pi)/12500))/8, - (25\pi \cos((107\pi)/400) \cos((3493\pi)/50000))/8, -$
 $(25\pi \cos((53\pi)/200) \cos((1747\pi)/25000))/8, - (25\pi \cos((21\pi)/80) \cos((699\pi)/10000))/8, -$
 $(25\pi \cos((13\pi)/50) \cos((437\pi)/6250))/8, - (25\pi \cos((103\pi)/400) \cos((3497\pi)/50000))/8, -$
 $(25\pi \cos((51\pi)/200) \cos((1749\pi)/25000))/8, - (25\pi \cos((101\pi)/400) \cos((3499\pi)/50000))/8, -$
 $(25 * 2^{1/2} * \pi \cos((7\pi)/100))/16]$

