

```
commandwindow
clear
clc
close all
syms t
Q=0.25* sin(25*pi*t)
V=0.5* cos(0.2*pi*t)
tn=[0:0.0001:0.35]
I=diff(Q)
In=subs(I,tn)
A=Q*V
P=diff(A)
Pn=subs(P,tn)
figure (1)
plot(tn, In, tn, Pn)
xlabel('TIME (s)')
ylabel('VARIABLE')
legend('Current (A)', 'Power (W)')
grid on
grid minor
axis tight
```

output

Q =

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

V =

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

tn =

Columns 1 through 12

0 0.0001 0.0002 0.0003 0.0004 0.0005 0.0006 0.0007 0.0008 0.0009 0.0010  
0.0011

Columns 13 through 24

0.0012 0.0013 0.0014 0.0015 0.0016 0.0017 0.0018 0.0019 0.0020 0.0021 0.0022  
0.0023

Columns 25 through 36

0.0024 0.0025 0.0026 0.0027 0.0028 0.0029 0.0030 0.0031 0.0032 0.0033 0.0034  
0.0035

Columns 37 through 48

0.0036 0.0037 0.0038 0.0039 0.0040 0.0041 0.0042 0.0043 0.0044 0.0045 0.0046  
0.0047

Columns 49 through 60

0.0048 0.0049 0.0050 0.0051 0.0052 0.0053 0.0054 0.0055 0.0056 0.0057 0.0058  
0.0059

Columns 61 through 72

0.0060 0.0061 0.0062 0.0063 0.0064 0.0065 0.0066 0.0067 0.0068 0.0069 0.0070  
0.0071

Columns 73 through 84

0.0072 0.0073 0.0074 0.0075 0.0076 0.0077 0.0078 0.0079 0.0080 0.0081 0.0082  
0.0083

Columns 85 through 96

0.0084 0.0085 0.0086 0.0087 0.0088 0.0089 0.0090 0.0091 0.0092 0.0093 0.0094  
0.0095

Columns 97 through 108

0.0096 0.0097 0.0098 0.0099 0.0100 0.0101 0.0102 0.0103 0.0104 0.0105 0.0106  
0.0107

Columns 109 through 120

0.0108 0.0109 0.0110 0.0111 0.0112 0.0113 0.0114 0.0115 0.0116 0.0117 0.0118  
0.0119

Columns 121 through 132

0.0120 0.0121 0.0122 0.0123 0.0124 0.0125 0.0126 0.0127 0.0128 0.0129 0.0130  
0.0131

Columns 133 through 144

0.0132 0.0133 0.0134 0.0135 0.0136 0.0137 0.0138 0.0139 0.0140 0.0141 0.0142  
0.0143

Columns 145 through 156

0.0144 0.0145 0.0146 0.0147 0.0148 0.0149 0.0150 0.0151 0.0152 0.0153 0.0154  
0.0155

Columns 157 through 168

0.0156 0.0157 0.0158 0.0159 0.0160 0.0161 0.0162 0.0163 0.0164 0.0165 0.0166  
0.0167

Columns 169 through 180

0.0168 0.0169 0.0170 0.0171 0.0172 0.0173 0.0174 0.0175 0.0176 0.0177 0.0178  
0.0179

Columns 181 through 192

0.0180 0.0181 0.0182 0.0183 0.0184 0.0185 0.0186 0.0187 0.0188 0.0189 0.0190  
0.0191

Columns 193 through 204

0.0192 0.0193 0.0194 0.0195 0.0196 0.0197 0.0198 0.0199 0.0200 0.0201 0.0202  
0.0203

Columns 205 through 216

0.0204 0.0205 0.0206 0.0207 0.0208 0.0209 0.0210 0.0211 0.0212 0.0213 0.0214  
0.0215

Columns 217 through 228

0.0216 0.0217 0.0218 0.0219 0.0220 0.0221 0.0222 0.0223 0.0224 0.0225 0.0226  
0.0227

Columns 229 through 240

0.0228 0.0229 0.0230 0.0231 0.0232 0.0233 0.0234 0.0235 0.0236 0.0237 0.0238  
0.0239

Columns 241 through 252

0.0240 0.0241 0.0242 0.0243 0.0244 0.0245 0.0246 0.0247 0.0248 0.0249 0.0250  
0.0251

Columns 253 through 264

0.0252 0.0253 0.0254 0.0255 0.0256 0.0257 0.0258 0.0259 0.0260 0.0261 0.0262  
0.0263

Columns 265 through 276

0.0264 0.0265 0.0266 0.0267 0.0268 0.0269 0.0270 0.0271 0.0272 0.0273 0.0274  
0.0275

Columns 277 through 288

0.0276 0.0277 0.0278 0.0279 0.0280 0.0281 0.0282 0.0283 0.0284 0.0285 0.0286  
0.0287

Columns 289 through 300

0.0288 0.0289 0.0290 0.0291 0.0292 0.0293 0.0294 0.0295 0.0296 0.0297 0.0298  
0.0299

Columns 301 through 312

0.0300 0.0301 0.0302 0.0303 0.0304 0.0305 0.0306 0.0307 0.0308 0.0309 0.0310  
0.0311

Columns 313 through 324

0.0312 0.0313 0.0314 0.0315 0.0316 0.0317 0.0318 0.0319 0.0320 0.0321 0.0322  
0.0323

Columns 325 through 336

0.0324 0.0325 0.0326 0.0327 0.0328 0.0329 0.0330 0.0331 0.0332 0.0333 0.0334  
0.0335

Columns 337 through 348

0.0336 0.0337 0.0338 0.0339 0.0340 0.0341 0.0342 0.0343 0.0344 0.0345 0.0346  
0.0347

Columns 349 through 360

0.0348 0.0349 0.0350 0.0351 0.0352 0.0353 0.0354 0.0355 0.0356 0.0357 0.0358  
0.0359

Columns 361 through 372

0.0360 0.0361 0.0362 0.0363 0.0364 0.0365 0.0366 0.0367 0.0368 0.0369 0.0370  
0.0371

Columns 373 through 384

0.0372 0.0373 0.0374 0.0375 0.0376 0.0377 0.0378 0.0379 0.0380 0.0381 0.0382  
0.0383

Columns 385 through 396

0.0384 0.0385 0.0386 0.0387 0.0388 0.0389 0.0390 0.0391 0.0392 0.0393 0.0394  
0.0395

Columns 397 through 408

0.0396 0.0397 0.0398 0.0399 0.0400 0.0401 0.0402 0.0403 0.0404 0.0405 0.0406  
0.0407

Columns 409 through 420

0.0408 0.0409 0.0410 0.0411 0.0412 0.0413 0.0414 0.0415 0.0416 0.0417 0.0418  
0.0419

Columns 421 through 432

0.0420 0.0421 0.0422 0.0423 0.0424 0.0425 0.0426 0.0427 0.0428 0.0429 0.0430  
0.0431

Columns 433 through 444

0.0432 0.0433 0.0434 0.0435 0.0436 0.0437 0.0438 0.0439 0.0440 0.0441 0.0442  
0.0443

Columns 445 through 456

0.0444 0.0445 0.0446 0.0447 0.0448 0.0449 0.0450 0.0451 0.0452 0.0453 0.0454  
0.0455

Columns 457 through 468

0.0456 0.0457 0.0458 0.0459 0.0460 0.0461 0.0462 0.0463 0.0464 0.0465 0.0466  
0.0467

Columns 469 through 480

0.0468 0.0469 0.0470 0.0471 0.0472 0.0473 0.0474 0.0475 0.0476 0.0477 0.0478  
0.0479

Columns 481 through 492

0.0480 0.0481 0.0482 0.0483 0.0484 0.0485 0.0486 0.0487 0.0488 0.0489 0.0490  
0.0491

Columns 493 through 504

0.0492 0.0493 0.0494 0.0495 0.0496 0.0497 0.0498 0.0499 0.0500 0.0501 0.0502  
0.0503

Columns 505 through 516



0.0504 0.0505 0.0506 0.0507 0.0508 0.0509 0.0510 0.0511 0.0512 0.0513 0.0514  
0.0515

Columns 517 through 528

0.0516 0.0517 0.0518 0.0519 0.0520 0.0521 0.0522 0.0523 0.0524 0.0525 0.0526  
0.0527

Columns 529 through 540

0.0528 0.0529 0.0530 0.0531 0.0532 0.0533 0.0534 0.0535 0.0536 0.0537 0.0538  
0.0539

Columns 541 through 552

0.0540 0.0541 0.0542 0.0543 0.0544 0.0545 0.0546 0.0547 0.0548 0.0549 0.0550  
0.0551

Columns 553 through 564

0.0552 0.0553 0.0554 0.0555 0.0556 0.0557 0.0558 0.0559 0.0560 0.0561 0.0562  
0.0563

Columns 565 through 576

0.0564 0.0565 0.0566 0.0567 0.0568 0.0569 0.0570 0.0571 0.0572 0.0573 0.0574  
0.0575

Columns 577 through 588

0.0576 0.0577 0.0578 0.0579 0.0580 0.0581 0.0582 0.0583 0.0584 0.0585 0.0586  
0.0587

Columns 589 through 600

0.0588 0.0589 0.0590 0.0591 0.0592 0.0593 0.0594 0.0595 0.0596 0.0597 0.0598  
0.0599

Columns 601 through 612

0.0600 0.0601 0.0602 0.0603 0.0604 0.0605 0.0606 0.0607 0.0608 0.0609 0.0610  
0.0611

Columns 613 through 624

0.0612 0.0613 0.0614 0.0615 0.0616 0.0617 0.0618 0.0619 0.0620 0.0621 0.0622  
0.0623

Columns 625 through 636

0.0624 0.0625 0.0626 0.0627 0.0628 0.0629 0.0630 0.0631 0.0632 0.0633 0.0634  
0.0635

Columns 637 through 648

0.0636 0.0637 0.0638 0.0639 0.0640 0.0641 0.0642 0.0643 0.0644 0.0645 0.0646  
0.0647

Columns 649 through 660

0.0648 0.0649 0.0650 0.0651 0.0652 0.0653 0.0654 0.0655 0.0656 0.0657 0.0658  
0.0659

Columns 661 through 672

0.0660 0.0661 0.0662 0.0663 0.0664 0.0665 0.0666 0.0667 0.0668 0.0669 0.0670  
0.0671

Columns 673 through 684

0.0672 0.0673 0.0674 0.0675 0.0676 0.0677 0.0678 0.0679 0.0680 0.0681 0.0682  
0.0683

Columns 685 through 696

0.0684 0.0685 0.0686 0.0687 0.0688 0.0689 0.0690 0.0691 0.0692 0.0693 0.0694  
0.0695

Columns 697 through 708

0.0696 0.0697 0.0698 0.0699 0.0700 0.0701 0.0702 0.0703 0.0704 0.0705 0.0706  
0.0707

Columns 709 through 720

0.0708 0.0709 0.0710 0.0711 0.0712 0.0713 0.0714 0.0715 0.0716 0.0717 0.0718  
0.0719

Columns 721 through 732

0.0720 0.0721 0.0722 0.0723 0.0724 0.0725 0.0726 0.0727 0.0728 0.0729 0.0730  
0.0731

Columns 733 through 744

0.0732 0.0733 0.0734 0.0735 0.0736 0.0737 0.0738 0.0739 0.0740 0.0741 0.0742  
0.0743

Columns 745 through 756

0.0744 0.0745 0.0746 0.0747 0.0748 0.0749 0.0750 0.0751 0.0752 0.0753 0.0754  
0.0755

Columns 757 through 768

0.0756 0.0757 0.0758 0.0759 0.0760 0.0761 0.0762 0.0763 0.0764 0.0765 0.0766  
0.0767

Columns 769 through 780

0.0768 0.0769 0.0770 0.0771 0.0772 0.0773 0.0774 0.0775 0.0776 0.0777 0.0778  
0.0779

Columns 781 through 792

0.0780 0.0781 0.0782 0.0783 0.0784 0.0785 0.0786 0.0787 0.0788 0.0789 0.0790  
0.0791

Columns 793 through 804

0.0792 0.0793 0.0794 0.0795 0.0796 0.0797 0.0798 0.0799 0.0800 0.0801 0.0802  
0.0803

Columns 805 through 816

0.0804 0.0805 0.0806 0.0807 0.0808 0.0809 0.0810 0.0811 0.0812 0.0813 0.0814  
0.0815

Columns 817 through 828

0.0816 0.0817 0.0818 0.0819 0.0820 0.0821 0.0822 0.0823 0.0824 0.0825 0.0826  
0.0827

Columns 829 through 840

0.0828 0.0829 0.0830 0.0831 0.0832 0.0833 0.0834 0.0835 0.0836 0.0837 0.0838  
0.0839

Columns 841 through 852

0.0840 0.0841 0.0842 0.0843 0.0844 0.0845 0.0846 0.0847 0.0848 0.0849 0.0850  
0.0851

Columns 853 through 864

0.0852 0.0853 0.0854 0.0855 0.0856 0.0857 0.0858 0.0859 0.0860 0.0861 0.0862  
0.0863

Columns 865 through 876

0.0864 0.0865 0.0866 0.0867 0.0868 0.0869 0.0870 0.0871 0.0872 0.0873 0.0874  
0.0875

Columns 877 through 888

0.0876 0.0877 0.0878 0.0879 0.0880 0.0881 0.0882 0.0883 0.0884 0.0885 0.0886  
0.0887

Columns 889 through 900

0.0888 0.0889 0.0890 0.0891 0.0892 0.0893 0.0894 0.0895 0.0896 0.0897 0.0898  
0.0899

Columns 901 through 912

0.0900 0.0901 0.0902 0.0903 0.0904 0.0905 0.0906 0.0907 0.0908 0.0909 0.0910  
0.0911

Columns 913 through 924

0.0912 0.0913 0.0914 0.0915 0.0916 0.0917 0.0918 0.0919 0.0920 0.0921 0.0922  
0.0923

Columns 925 through 936

0.0924 0.0925 0.0926 0.0927 0.0928 0.0929 0.0930 0.0931 0.0932 0.0933 0.0934  
0.0935

Columns 937 through 948

0.0936 0.0937 0.0938 0.0939 0.0940 0.0941 0.0942 0.0943 0.0944 0.0945 0.0946  
0.0947

Columns 949 through 960

0.0948 0.0949 0.0950 0.0951 0.0952 0.0953 0.0954 0.0955 0.0956 0.0957 0.0958  
0.0959

Columns 961 through 972

0.0960 0.0961 0.0962 0.0963 0.0964 0.0965 0.0966 0.0967 0.0968 0.0969 0.0970  
0.0971

Columns 973 through 984

0.0972 0.0973 0.0974 0.0975 0.0976 0.0977 0.0978 0.0979 0.0980 0.0981 0.0982  
0.0983

Columns 985 through 996

0.0984 0.0985 0.0986 0.0987 0.0988 0.0989 0.0990 0.0991 0.0992 0.0993 0.0994  
0.0995

Columns 997 through 1008

0.0996 0.0997 0.0998 0.0999 0.1000 0.1001 0.1002 0.1003 0.1004 0.1005 0.1006  
0.1007

Columns 1009 through 1020

0.1008 0.1009 0.1010 0.1011 0.1012 0.1013 0.1014 0.1015 0.1016 0.1017 0.1018  
0.1019

Columns 1021 through 1032

0.1020 0.1021 0.1022 0.1023 0.1024 0.1025 0.1026 0.1027 0.1028 0.1029 0.1030  
0.1031

Columns 1033 through 1044

0.1032 0.1033 0.1034 0.1035 0.1036 0.1037 0.1038 0.1039 0.1040 0.1041 0.1042  
0.1043

Columns 1045 through 1056

0.1044 0.1045 0.1046 0.1047 0.1048 0.1049 0.1050 0.1051 0.1052 0.1053 0.1054  
0.1055

Columns 1057 through 1068

0.1056 0.1057 0.1058 0.1059 0.1060 0.1061 0.1062 0.1063 0.1064 0.1065 0.1066  
0.1067

Columns 1069 through 1080

0.1068 0.1069 0.1070 0.1071 0.1072 0.1073 0.1074 0.1075 0.1076 0.1077 0.1078  
0.1079

Columns 1081 through 1092



0.1080 0.1081 0.1082 0.1083 0.1084 0.1085 0.1086 0.1087 0.1088 0.1089 0.1090  
0.1091

Columns 1093 through 1104

0.1092 0.1093 0.1094 0.1095 0.1096 0.1097 0.1098 0.1099 0.1100 0.1101 0.1102  
0.1103

Columns 1105 through 1116

0.1104 0.1105 0.1106 0.1107 0.1108 0.1109 0.1110 0.1111 0.1112 0.1113 0.1114  
0.1115

Columns 1117 through 1128

0.1116 0.1117 0.1118 0.1119 0.1120 0.1121 0.1122 0.1123 0.1124 0.1125 0.1126  
0.1127

Columns 1129 through 1140

0.1128 0.1129 0.1130 0.1131 0.1132 0.1133 0.1134 0.1135 0.1136 0.1137 0.1138  
0.1139

Columns 1141 through 1152

0.1140 0.1141 0.1142 0.1143 0.1144 0.1145 0.1146 0.1147 0.1148 0.1149 0.1150  
0.1151

Columns 1153 through 1164

0.1152 0.1153 0.1154 0.1155 0.1156 0.1157 0.1158 0.1159 0.1160 0.1161 0.1162  
0.1163

Columns 1165 through 1176

0.1164 0.1165 0.1166 0.1167 0.1168 0.1169 0.1170 0.1171 0.1172 0.1173 0.1174  
0.1175

Columns 1177 through 1188

0.1176 0.1177 0.1178 0.1179 0.1180 0.1181 0.1182 0.1183 0.1184 0.1185 0.1186  
0.1187

Columns 1189 through 1200

0.1188 0.1189 0.1190 0.1191 0.1192 0.1193 0.1194 0.1195 0.1196 0.1197 0.1198  
0.1199

Columns 1201 through 1212

0.1200 0.1201 0.1202 0.1203 0.1204 0.1205 0.1206 0.1207 0.1208 0.1209 0.1210  
0.1211

Columns 1213 through 1224

0.1212 0.1213 0.1214 0.1215 0.1216 0.1217 0.1218 0.1219 0.1220 0.1221 0.1222  
0.1223

Columns 1225 through 1236

0.1224 0.1225 0.1226 0.1227 0.1228 0.1229 0.1230 0.1231 0.1232 0.1233 0.1234  
0.1235

Columns 1237 through 1248

0.1236 0.1237 0.1238 0.1239 0.1240 0.1241 0.1242 0.1243 0.1244 0.1245 0.1246  
0.1247

Columns 1249 through 1260

0.1248 0.1249 0.1250 0.1251 0.1252 0.1253 0.1254 0.1255 0.1256 0.1257 0.1258  
0.1259

Columns 1261 through 1272

0.1260 0.1261 0.1262 0.1263 0.1264 0.1265 0.1266 0.1267 0.1268 0.1269 0.1270  
0.1271

Columns 1273 through 1284

0.1272 0.1273 0.1274 0.1275 0.1276 0.1277 0.1278 0.1279 0.1280 0.1281 0.1282  
0.1283

Columns 1285 through 1296

0.1284 0.1285 0.1286 0.1287 0.1288 0.1289 0.1290 0.1291 0.1292 0.1293 0.1294  
0.1295

Columns 1297 through 1308

0.1296 0.1297 0.1298 0.1299 0.1300 0.1301 0.1302 0.1303 0.1304 0.1305 0.1306  
0.1307

Columns 1309 through 1320

0.1308 0.1309 0.1310 0.1311 0.1312 0.1313 0.1314 0.1315 0.1316 0.1317 0.1318  
0.1319

Columns 1321 through 1332

0.1320 0.1321 0.1322 0.1323 0.1324 0.1325 0.1326 0.1327 0.1328 0.1329 0.1330  
0.1331

Columns 1333 through 1344

0.1332 0.1333 0.1334 0.1335 0.1336 0.1337 0.1338 0.1339 0.1340 0.1341 0.1342  
0.1343

Columns 1345 through 1356

0.1344 0.1345 0.1346 0.1347 0.1348 0.1349 0.1350 0.1351 0.1352 0.1353 0.1354  
0.1355

Columns 1357 through 1368

0.1356 0.1357 0.1358 0.1359 0.1360 0.1361 0.1362 0.1363 0.1364 0.1365 0.1366  
0.1367

Columns 1369 through 1380

0.1368 0.1369 0.1370 0.1371 0.1372 0.1373 0.1374 0.1375 0.1376 0.1377 0.1378  
0.1379

Columns 1381 through 1392

0.1380 0.1381 0.1382 0.1383 0.1384 0.1385 0.1386 0.1387 0.1388 0.1389 0.1390  
0.1391

Columns 1393 through 1404

0.1392 0.1393 0.1394 0.1395 0.1396 0.1397 0.1398 0.1399 0.1400 0.1401 0.1402  
0.1403

Columns 1405 through 1416

0.1404 0.1405 0.1406 0.1407 0.1408 0.1409 0.1410 0.1411 0.1412 0.1413 0.1414  
0.1415

Columns 1417 through 1428

0.1416 0.1417 0.1418 0.1419 0.1420 0.1421 0.1422 0.1423 0.1424 0.1425 0.1426  
0.1427

Columns 1429 through 1440

0.1428 0.1429 0.1430 0.1431 0.1432 0.1433 0.1434 0.1435 0.1436 0.1437 0.1438  
0.1439

Columns 1441 through 1452

0.1440 0.1441 0.1442 0.1443 0.1444 0.1445 0.1446 0.1447 0.1448 0.1449 0.1450  
0.1451

Columns 1453 through 1464

0.1452 0.1453 0.1454 0.1455 0.1456 0.1457 0.1458 0.1459 0.1460 0.1461 0.1462  
0.1463

Columns 1465 through 1476

0.1464 0.1465 0.1466 0.1467 0.1468 0.1469 0.1470 0.1471 0.1472 0.1473 0.1474  
0.1475

Columns 1477 through 1488

0.1476 0.1477 0.1478 0.1479 0.1480 0.1481 0.1482 0.1483 0.1484 0.1485 0.1486  
0.1487

Columns 1489 through 1500

0.1488 0.1489 0.1490 0.1491 0.1492 0.1493 0.1494 0.1495 0.1496 0.1497 0.1498  
0.1499

Columns 1501 through 1512

0.1500 0.1501 0.1502 0.1503 0.1504 0.1505 0.1506 0.1507 0.1508 0.1509 0.1510  
0.1511

Columns 1513 through 1524

0.1512 0.1513 0.1514 0.1515 0.1516 0.1517 0.1518 0.1519 0.1520 0.1521 0.1522  
0.1523

Columns 1525 through 1536

0.1524 0.1525 0.1526 0.1527 0.1528 0.1529 0.1530 0.1531 0.1532 0.1533 0.1534  
0.1535

Columns 1537 through 1548

0.1536 0.1537 0.1538 0.1539 0.1540 0.1541 0.1542 0.1543 0.1544 0.1545 0.1546  
0.1547

Columns 1549 through 1560

0.1548 0.1549 0.1550 0.1551 0.1552 0.1553 0.1554 0.1555 0.1556 0.1557 0.1558  
0.1559

Columns 1561 through 1572

0.1560 0.1561 0.1562 0.1563 0.1564 0.1565 0.1566 0.1567 0.1568 0.1569 0.1570  
0.1571

Columns 1573 through 1584

0.1572 0.1573 0.1574 0.1575 0.1576 0.1577 0.1578 0.1579 0.1580 0.1581 0.1582  
0.1583

Columns 1585 through 1596

0.1584 0.1585 0.1586 0.1587 0.1588 0.1589 0.1590 0.1591 0.1592 0.1593 0.1594  
0.1595

Columns 1597 through 1608

0.1596 0.1597 0.1598 0.1599 0.1600 0.1601 0.1602 0.1603 0.1604 0.1605 0.1606  
0.1607

Columns 1609 through 1620

0.1608 0.1609 0.1610 0.1611 0.1612 0.1613 0.1614 0.1615 0.1616 0.1617 0.1618  
0.1619

Columns 1621 through 1632

0.1620 0.1621 0.1622 0.1623 0.1624 0.1625 0.1626 0.1627 0.1628 0.1629 0.1630  
0.1631

Columns 1633 through 1644

0.1632 0.1633 0.1634 0.1635 0.1636 0.1637 0.1638 0.1639 0.1640 0.1641 0.1642  
0.1643

Columns 1645 through 1656

0.1644 0.1645 0.1646 0.1647 0.1648 0.1649 0.1650 0.1651 0.1652 0.1653 0.1654  
0.1655

Columns 1657 through 1668



0.1656 0.1657 0.1658 0.1659 0.1660 0.1661 0.1662 0.1663 0.1664 0.1665 0.1666  
0.1667

Columns 1669 through 1680

0.1668 0.1669 0.1670 0.1671 0.1672 0.1673 0.1674 0.1675 0.1676 0.1677 0.1678  
0.1679

Columns 1681 through 1692

0.1680 0.1681 0.1682 0.1683 0.1684 0.1685 0.1686 0.1687 0.1688 0.1689 0.1690  
0.1691

Columns 1693 through 1704

0.1692 0.1693 0.1694 0.1695 0.1696 0.1697 0.1698 0.1699 0.1700 0.1701 0.1702  
0.1703

Columns 1705 through 1716

0.1704 0.1705 0.1706 0.1707 0.1708 0.1709 0.1710 0.1711 0.1712 0.1713 0.1714  
0.1715

Columns 1717 through 1728

0.1716 0.1717 0.1718 0.1719 0.1720 0.1721 0.1722 0.1723 0.1724 0.1725 0.1726  
0.1727

Columns 1729 through 1740

0.1728 0.1729 0.1730 0.1731 0.1732 0.1733 0.1734 0.1735 0.1736 0.1737 0.1738  
0.1739

Columns 1741 through 1752

0.1740 0.1741 0.1742 0.1743 0.1744 0.1745 0.1746 0.1747 0.1748 0.1749 0.1750  
0.1751

Columns 1753 through 1764

0.1752 0.1753 0.1754 0.1755 0.1756 0.1757 0.1758 0.1759 0.1760 0.1761 0.1762  
0.1763

Columns 1765 through 1776

0.1764 0.1765 0.1766 0.1767 0.1768 0.1769 0.1770 0.1771 0.1772 0.1773 0.1774  
0.1775

Columns 1777 through 1788

0.1776 0.1777 0.1778 0.1779 0.1780 0.1781 0.1782 0.1783 0.1784 0.1785 0.1786  
0.1787

Columns 1789 through 1800

0.1788 0.1789 0.1790 0.1791 0.1792 0.1793 0.1794 0.1795 0.1796 0.1797 0.1798  
0.1799

Columns 1801 through 1812

0.1800 0.1801 0.1802 0.1803 0.1804 0.1805 0.1806 0.1807 0.1808 0.1809 0.1810  
0.1811

Columns 1813 through 1824

0.1812 0.1813 0.1814 0.1815 0.1816 0.1817 0.1818 0.1819 0.1820 0.1821 0.1822  
0.1823

Columns 1825 through 1836

0.1824 0.1825 0.1826 0.1827 0.1828 0.1829 0.1830 0.1831 0.1832 0.1833 0.1834  
0.1835

Columns 1837 through 1848

0.1836 0.1837 0.1838 0.1839 0.1840 0.1841 0.1842 0.1843 0.1844 0.1845 0.1846  
0.1847

Columns 1849 through 1860

0.1848 0.1849 0.1850 0.1851 0.1852 0.1853 0.1854 0.1855 0.1856 0.1857 0.1858  
0.1859

Columns 1861 through 1872

0.1860 0.1861 0.1862 0.1863 0.1864 0.1865 0.1866 0.1867 0.1868 0.1869 0.1870  
0.1871

Columns 1873 through 1884

0.1872 0.1873 0.1874 0.1875 0.1876 0.1877 0.1878 0.1879 0.1880 0.1881 0.1882  
0.1883

Columns 1885 through 1896

0.1884 0.1885 0.1886 0.1887 0.1888 0.1889 0.1890 0.1891 0.1892 0.1893 0.1894  
0.1895

Columns 1897 through 1908

0.1896 0.1897 0.1898 0.1899 0.1900 0.1901 0.1902 0.1903 0.1904 0.1905 0.1906  
0.1907

Columns 1909 through 1920

0.1908 0.1909 0.1910 0.1911 0.1912 0.1913 0.1914 0.1915 0.1916 0.1917 0.1918  
0.1919

Columns 1921 through 1932

0.1920 0.1921 0.1922 0.1923 0.1924 0.1925 0.1926 0.1927 0.1928 0.1929 0.1930  
0.1931

Columns 1933 through 1944

0.1932 0.1933 0.1934 0.1935 0.1936 0.1937 0.1938 0.1939 0.1940 0.1941 0.1942  
0.1943

Columns 1945 through 1956

0.1944 0.1945 0.1946 0.1947 0.1948 0.1949 0.1950 0.1951 0.1952 0.1953 0.1954  
0.1955

Columns 1957 through 1968

0.1956 0.1957 0.1958 0.1959 0.1960 0.1961 0.1962 0.1963 0.1964 0.1965 0.1966  
0.1967

Columns 1969 through 1980

0.1968 0.1969 0.1970 0.1971 0.1972 0.1973 0.1974 0.1975 0.1976 0.1977 0.1978  
0.1979

Columns 1981 through 1992

0.1980 0.1981 0.1982 0.1983 0.1984 0.1985 0.1986 0.1987 0.1988 0.1989 0.1990  
0.1991

Columns 1993 through 2004

0.1992 0.1993 0.1994 0.1995 0.1996 0.1997 0.1998 0.1999 0.2000 0.2001 0.2002  
0.2003

Columns 2005 through 2016

0.2004 0.2005 0.2006 0.2007 0.2008 0.2009 0.2010 0.2011 0.2012 0.2013 0.2014  
0.2015

Columns 2017 through 2028

0.2016 0.2017 0.2018 0.2019 0.2020 0.2021 0.2022 0.2023 0.2024 0.2025 0.2026  
0.2027

Columns 2029 through 2040

0.2028 0.2029 0.2030 0.2031 0.2032 0.2033 0.2034 0.2035 0.2036 0.2037 0.2038  
0.2039

Columns 2041 through 2052

0.2040 0.2041 0.2042 0.2043 0.2044 0.2045 0.2046 0.2047 0.2048 0.2049 0.2050  
0.2051

Columns 2053 through 2064

0.2052 0.2053 0.2054 0.2055 0.2056 0.2057 0.2058 0.2059 0.2060 0.2061 0.2062  
0.2063

Columns 2065 through 2076

0.2064 0.2065 0.2066 0.2067 0.2068 0.2069 0.2070 0.2071 0.2072 0.2073 0.2074  
0.2075

Columns 2077 through 2088

0.2076 0.2077 0.2078 0.2079 0.2080 0.2081 0.2082 0.2083 0.2084 0.2085 0.2086  
0.2087

Columns 2089 through 2100

0.2088 0.2089 0.2090 0.2091 0.2092 0.2093 0.2094 0.2095 0.2096 0.2097 0.2098  
0.2099

Columns 2101 through 2112

0.2100 0.2101 0.2102 0.2103 0.2104 0.2105 0.2106 0.2107 0.2108 0.2109 0.2110  
0.2111

Columns 2113 through 2124

0.2112 0.2113 0.2114 0.2115 0.2116 0.2117 0.2118 0.2119 0.2120 0.2121 0.2122  
0.2123

Columns 2125 through 2136

0.2124 0.2125 0.2126 0.2127 0.2128 0.2129 0.2130 0.2131 0.2132 0.2133 0.2134  
0.2135

Columns 2137 through 2148

0.2136 0.2137 0.2138 0.2139 0.2140 0.2141 0.2142 0.2143 0.2144 0.2145 0.2146  
0.2147

Columns 2149 through 2160

0.2148 0.2149 0.2150 0.2151 0.2152 0.2153 0.2154 0.2155 0.2156 0.2157 0.2158  
0.2159

Columns 2161 through 2172

0.2160 0.2161 0.2162 0.2163 0.2164 0.2165 0.2166 0.2167 0.2168 0.2169 0.2170  
0.2171

Columns 2173 through 2184

0.2172 0.2173 0.2174 0.2175 0.2176 0.2177 0.2178 0.2179 0.2180 0.2181 0.2182  
0.2183

Columns 2185 through 2196

0.2184 0.2185 0.2186 0.2187 0.2188 0.2189 0.2190 0.2191 0.2192 0.2193 0.2194  
0.2195

Columns 2197 through 2208

0.2196 0.2197 0.2198 0.2199 0.2200 0.2201 0.2202 0.2203 0.2204 0.2205 0.2206  
0.2207

Columns 2209 through 2220

0.2208 0.2209 0.2210 0.2211 0.2212 0.2213 0.2214 0.2215 0.2216 0.2217 0.2218  
0.2219

Columns 2221 through 2232

0.2220 0.2221 0.2222 0.2223 0.2224 0.2225 0.2226 0.2227 0.2228 0.2229 0.2230  
0.2231

Columns 2233 through 2244



0.2232 0.2233 0.2234 0.2235 0.2236 0.2237 0.2238 0.2239 0.2240 0.2241 0.2242  
0.2243

Columns 2245 through 2256

0.2244 0.2245 0.2246 0.2247 0.2248 0.2249 0.2250 0.2251 0.2252 0.2253 0.2254  
0.2255

Columns 2257 through 2268

0.2256 0.2257 0.2258 0.2259 0.2260 0.2261 0.2262 0.2263 0.2264 0.2265 0.2266  
0.2267

Columns 2269 through 2280

0.2268 0.2269 0.2270 0.2271 0.2272 0.2273 0.2274 0.2275 0.2276 0.2277 0.2278  
0.2279

Columns 2281 through 2292

0.2280 0.2281 0.2282 0.2283 0.2284 0.2285 0.2286 0.2287 0.2288 0.2289 0.2290  
0.2291

Columns 2293 through 2304

0.2292 0.2293 0.2294 0.2295 0.2296 0.2297 0.2298 0.2299 0.2300 0.2301 0.2302  
0.2303

Columns 2305 through 2316

0.2304 0.2305 0.2306 0.2307 0.2308 0.2309 0.2310 0.2311 0.2312 0.2313 0.2314  
0.2315

Columns 2317 through 2328

0.2316 0.2317 0.2318 0.2319 0.2320 0.2321 0.2322 0.2323 0.2324 0.2325 0.2326  
0.2327

Columns 2329 through 2340

0.2328 0.2329 0.2330 0.2331 0.2332 0.2333 0.2334 0.2335 0.2336 0.2337 0.2338  
0.2339

Columns 2341 through 2352

0.2340 0.2341 0.2342 0.2343 0.2344 0.2345 0.2346 0.2347 0.2348 0.2349 0.2350  
0.2351

Columns 2353 through 2364

0.2352 0.2353 0.2354 0.2355 0.2356 0.2357 0.2358 0.2359 0.2360 0.2361 0.2362  
0.2363

Columns 2365 through 2376

0.2364 0.2365 0.2366 0.2367 0.2368 0.2369 0.2370 0.2371 0.2372 0.2373 0.2374  
0.2375

Columns 2377 through 2388

0.2376 0.2377 0.2378 0.2379 0.2380 0.2381 0.2382 0.2383 0.2384 0.2385 0.2386  
0.2387

Columns 2389 through 2400

0.2388 0.2389 0.2390 0.2391 0.2392 0.2393 0.2394 0.2395 0.2396 0.2397 0.2398  
0.2399

Columns 2401 through 2412

0.2400 0.2401 0.2402 0.2403 0.2404 0.2405 0.2406 0.2407 0.2408 0.2409 0.2410  
0.2411

Columns 2413 through 2424

0.2412 0.2413 0.2414 0.2415 0.2416 0.2417 0.2418 0.2419 0.2420 0.2421 0.2422  
0.2423

Columns 2425 through 2436

0.2424 0.2425 0.2426 0.2427 0.2428 0.2429 0.2430 0.2431 0.2432 0.2433 0.2434  
0.2435

Columns 2437 through 2448

0.2436 0.2437 0.2438 0.2439 0.2440 0.2441 0.2442 0.2443 0.2444 0.2445 0.2446  
0.2447

Columns 2449 through 2460

0.2448 0.2449 0.2450 0.2451 0.2452 0.2453 0.2454 0.2455 0.2456 0.2457 0.2458  
0.2459

Columns 2461 through 2472

0.2460 0.2461 0.2462 0.2463 0.2464 0.2465 0.2466 0.2467 0.2468 0.2469 0.2470  
0.2471

Columns 2473 through 2484

0.2472 0.2473 0.2474 0.2475 0.2476 0.2477 0.2478 0.2479 0.2480 0.2481 0.2482  
0.2483

Columns 2485 through 2496

0.2484 0.2485 0.2486 0.2487 0.2488 0.2489 0.2490 0.2491 0.2492 0.2493 0.2494  
0.2495

Columns 2497 through 2508

0.2496 0.2497 0.2498 0.2499 0.2500 0.2501 0.2502 0.2503 0.2504 0.2505 0.2506  
0.2507

Columns 2509 through 2520

0.2508 0.2509 0.2510 0.2511 0.2512 0.2513 0.2514 0.2515 0.2516 0.2517 0.2518  
0.2519

Columns 2521 through 2532

0.2520 0.2521 0.2522 0.2523 0.2524 0.2525 0.2526 0.2527 0.2528 0.2529 0.2530  
0.2531

Columns 2533 through 2544

0.2532 0.2533 0.2534 0.2535 0.2536 0.2537 0.2538 0.2539 0.2540 0.2541 0.2542  
0.2543

Columns 2545 through 2556

0.2544 0.2545 0.2546 0.2547 0.2548 0.2549 0.2550 0.2551 0.2552 0.2553 0.2554  
0.2555

Columns 2557 through 2568

0.2556 0.2557 0.2558 0.2559 0.2560 0.2561 0.2562 0.2563 0.2564 0.2565 0.2566  
0.2567

Columns 2569 through 2580

0.2568 0.2569 0.2570 0.2571 0.2572 0.2573 0.2574 0.2575 0.2576 0.2577 0.2578  
0.2579

Columns 2581 through 2592

0.2580 0.2581 0.2582 0.2583 0.2584 0.2585 0.2586 0.2587 0.2588 0.2589 0.2590  
0.2591

Columns 2593 through 2604

0.2592 0.2593 0.2594 0.2595 0.2596 0.2597 0.2598 0.2599 0.2600 0.2601 0.2602  
0.2603

Columns 2605 through 2616

0.2604 0.2605 0.2606 0.2607 0.2608 0.2609 0.2610 0.2611 0.2612 0.2613 0.2614  
0.2615

Columns 2617 through 2628

0.2616 0.2617 0.2618 0.2619 0.2620 0.2621 0.2622 0.2623 0.2624 0.2625 0.2626  
0.2627

Columns 2629 through 2640

0.2628 0.2629 0.2630 0.2631 0.2632 0.2633 0.2634 0.2635 0.2636 0.2637 0.2638  
0.2639

Columns 2641 through 2652

0.2640 0.2641 0.2642 0.2643 0.2644 0.2645 0.2646 0.2647 0.2648 0.2649 0.2650  
0.2651

Columns 2653 through 2664

0.2652 0.2653 0.2654 0.2655 0.2656 0.2657 0.2658 0.2659 0.2660 0.2661 0.2662  
0.2663

Columns 2665 through 2676

0.2664 0.2665 0.2666 0.2667 0.2668 0.2669 0.2670 0.2671 0.2672 0.2673 0.2674  
0.2675

Columns 2677 through 2688

0.2676 0.2677 0.2678 0.2679 0.2680 0.2681 0.2682 0.2683 0.2684 0.2685 0.2686  
0.2687

Columns 2689 through 2700

0.2688 0.2689 0.2690 0.2691 0.2692 0.2693 0.2694 0.2695 0.2696 0.2697 0.2698  
0.2699

Columns 2701 through 2712

0.2700 0.2701 0.2702 0.2703 0.2704 0.2705 0.2706 0.2707 0.2708 0.2709 0.2710  
0.2711

Columns 2713 through 2724

0.2712 0.2713 0.2714 0.2715 0.2716 0.2717 0.2718 0.2719 0.2720 0.2721 0.2722  
0.2723

Columns 2725 through 2736

0.2724 0.2725 0.2726 0.2727 0.2728 0.2729 0.2730 0.2731 0.2732 0.2733 0.2734  
0.2735

Columns 2737 through 2748

0.2736 0.2737 0.2738 0.2739 0.2740 0.2741 0.2742 0.2743 0.2744 0.2745 0.2746  
0.2747

Columns 2749 through 2760

0.2748 0.2749 0.2750 0.2751 0.2752 0.2753 0.2754 0.2755 0.2756 0.2757 0.2758  
0.2759

Columns 2761 through 2772

0.2760 0.2761 0.2762 0.2763 0.2764 0.2765 0.2766 0.2767 0.2768 0.2769 0.2770  
0.2771

Columns 2773 through 2784

0.2772 0.2773 0.2774 0.2775 0.2776 0.2777 0.2778 0.2779 0.2780 0.2781 0.2782  
0.2783

Columns 2785 through 2796

0.2784 0.2785 0.2786 0.2787 0.2788 0.2789 0.2790 0.2791 0.2792 0.2793 0.2794  
0.2795

Columns 2797 through 2808

0.2796 0.2797 0.2798 0.2799 0.2800 0.2801 0.2802 0.2803 0.2804 0.2805 0.2806  
0.2807

Columns 2809 through 2820



0.2808 0.2809 0.2810 0.2811 0.2812 0.2813 0.2814 0.2815 0.2816 0.2817 0.2818  
0.2819

Columns 2821 through 2832

0.2820 0.2821 0.2822 0.2823 0.2824 0.2825 0.2826 0.2827 0.2828 0.2829 0.2830  
0.2831

Columns 2833 through 2844

0.2832 0.2833 0.2834 0.2835 0.2836 0.2837 0.2838 0.2839 0.2840 0.2841 0.2842  
0.2843

Columns 2845 through 2856

0.2844 0.2845 0.2846 0.2847 0.2848 0.2849 0.2850 0.2851 0.2852 0.2853 0.2854  
0.2855

Columns 2857 through 2868

0.2856 0.2857 0.2858 0.2859 0.2860 0.2861 0.2862 0.2863 0.2864 0.2865 0.2866  
0.2867

Columns 2869 through 2880

0.2868 0.2869 0.2870 0.2871 0.2872 0.2873 0.2874 0.2875 0.2876 0.2877 0.2878  
0.2879

Columns 2881 through 2892

0.2880 0.2881 0.2882 0.2883 0.2884 0.2885 0.2886 0.2887 0.2888 0.2889 0.2890  
0.2891

Columns 2893 through 2904

0.2892 0.2893 0.2894 0.2895 0.2896 0.2897 0.2898 0.2899 0.2900 0.2901 0.2902  
0.2903

Columns 2905 through 2916

0.2904 0.2905 0.2906 0.2907 0.2908 0.2909 0.2910 0.2911 0.2912 0.2913 0.2914  
0.2915

Columns 2917 through 2928

0.2916 0.2917 0.2918 0.2919 0.2920 0.2921 0.2922 0.2923 0.2924 0.2925 0.2926  
0.2927

Columns 2929 through 2940

0.2928 0.2929 0.2930 0.2931 0.2932 0.2933 0.2934 0.2935 0.2936 0.2937 0.2938  
0.2939

Columns 2941 through 2952

0.2940 0.2941 0.2942 0.2943 0.2944 0.2945 0.2946 0.2947 0.2948 0.2949 0.2950  
0.2951

Columns 2953 through 2964

0.2952 0.2953 0.2954 0.2955 0.2956 0.2957 0.2958 0.2959 0.2960 0.2961 0.2962  
0.2963

Columns 2965 through 2976

0.2964 0.2965 0.2966 0.2967 0.2968 0.2969 0.2970 0.2971 0.2972 0.2973 0.2974  
0.2975

Columns 2977 through 2988

0.2976 0.2977 0.2978 0.2979 0.2980 0.2981 0.2982 0.2983 0.2984 0.2985 0.2986  
0.2987

Columns 2989 through 3000

0.2988 0.2989 0.2990 0.2991 0.2992 0.2993 0.2994 0.2995 0.2996 0.2997 0.2998  
0.2999

Columns 3001 through 3012

0.3000 0.3001 0.3002 0.3003 0.3004 0.3005 0.3006 0.3007 0.3008 0.3009 0.3010  
0.3011

Columns 3013 through 3024

0.3012 0.3013 0.3014 0.3015 0.3016 0.3017 0.3018 0.3019 0.3020 0.3021 0.3022  
0.3023

Columns 3025 through 3036

0.3024 0.3025 0.3026 0.3027 0.3028 0.3029 0.3030 0.3031 0.3032 0.3033 0.3034  
0.3035

Columns 3037 through 3048

0.3036 0.3037 0.3038 0.3039 0.3040 0.3041 0.3042 0.3043 0.3044 0.3045 0.3046  
0.3047

Columns 3049 through 3060

0.3048 0.3049 0.3050 0.3051 0.3052 0.3053 0.3054 0.3055 0.3056 0.3057 0.3058  
0.3059

Columns 3061 through 3072

0.3060 0.3061 0.3062 0.3063 0.3064 0.3065 0.3066 0.3067 0.3068 0.3069 0.3070  
0.3071

Columns 3073 through 3084

0.3072 0.3073 0.3074 0.3075 0.3076 0.3077 0.3078 0.3079 0.3080 0.3081 0.3082  
0.3083

Columns 3085 through 3096

0.3084 0.3085 0.3086 0.3087 0.3088 0.3089 0.3090 0.3091 0.3092 0.3093 0.3094  
0.3095

Columns 3097 through 3108

0.3096 0.3097 0.3098 0.3099 0.3100 0.3101 0.3102 0.3103 0.3104 0.3105 0.3106  
0.3107

Columns 3109 through 3120

0.3108 0.3109 0.3110 0.3111 0.3112 0.3113 0.3114 0.3115 0.3116 0.3117 0.3118  
0.3119

Columns 3121 through 3132

0.3120 0.3121 0.3122 0.3123 0.3124 0.3125 0.3126 0.3127 0.3128 0.3129 0.3130  
0.3131

Columns 3133 through 3144

0.3132 0.3133 0.3134 0.3135 0.3136 0.3137 0.3138 0.3139 0.3140 0.3141 0.3142  
0.3143

Columns 3145 through 3156

0.3144 0.3145 0.3146 0.3147 0.3148 0.3149 0.3150 0.3151 0.3152 0.3153 0.3154  
0.3155

Columns 3157 through 3168

0.3156 0.3157 0.3158 0.3159 0.3160 0.3161 0.3162 0.3163 0.3164 0.3165 0.3166  
0.3167

Columns 3169 through 3180

0.3168 0.3169 0.3170 0.3171 0.3172 0.3173 0.3174 0.3175 0.3176 0.3177 0.3178  
0.3179

Columns 3181 through 3192

0.3180 0.3181 0.3182 0.3183 0.3184 0.3185 0.3186 0.3187 0.3188 0.3189 0.3190  
0.3191

Columns 3193 through 3204

0.3192 0.3193 0.3194 0.3195 0.3196 0.3197 0.3198 0.3199 0.3200 0.3201 0.3202  
0.3203

Columns 3205 through 3216

0.3204 0.3205 0.3206 0.3207 0.3208 0.3209 0.3210 0.3211 0.3212 0.3213 0.3214  
0.3215

Columns 3217 through 3228

0.3216 0.3217 0.3218 0.3219 0.3220 0.3221 0.3222 0.3223 0.3224 0.3225 0.3226  
0.3227

Columns 3229 through 3240

0.3228 0.3229 0.3230 0.3231 0.3232 0.3233 0.3234 0.3235 0.3236 0.3237 0.3238  
0.3239

Columns 3241 through 3252

0.3240 0.3241 0.3242 0.3243 0.3244 0.3245 0.3246 0.3247 0.3248 0.3249 0.3250  
0.3251

Columns 3253 through 3264

0.3252 0.3253 0.3254 0.3255 0.3256 0.3257 0.3258 0.3259 0.3260 0.3261 0.3262  
0.3263

Columns 3265 through 3276

0.3264 0.3265 0.3266 0.3267 0.3268 0.3269 0.3270 0.3271 0.3272 0.3273 0.3274  
0.3275

Columns 3277 through 3288

0.3276 0.3277 0.3278 0.3279 0.3280 0.3281 0.3282 0.3283 0.3284 0.3285 0.3286  
0.3287

Columns 3289 through 3300

0.3288 0.3289 0.3290 0.3291 0.3292 0.3293 0.3294 0.3295 0.3296 0.3297 0.3298  
0.3299

Columns 3301 through 3312

0.3300 0.3301 0.3302 0.3303 0.3304 0.3305 0.3306 0.3307 0.3308 0.3309 0.3310  
0.3311

Columns 3313 through 3324

0.3312 0.3313 0.3314 0.3315 0.3316 0.3317 0.3318 0.3319 0.3320 0.3321 0.3322  
0.3323

Columns 3325 through 3336

0.3324 0.3325 0.3326 0.3327 0.3328 0.3329 0.3330 0.3331 0.3332 0.3333 0.3334  
0.3335

Columns 3337 through 3348

0.3336 0.3337 0.3338 0.3339 0.3340 0.3341 0.3342 0.3343 0.3344 0.3345 0.3346  
0.3347

Columns 3349 through 3360

0.3348 0.3349 0.3350 0.3351 0.3352 0.3353 0.3354 0.3355 0.3356 0.3357 0.3358  
0.3359

Columns 3361 through 3372

0.3360 0.3361 0.3362 0.3363 0.3364 0.3365 0.3366 0.3367 0.3368 0.3369 0.3370  
0.3371

Columns 3373 through 3384

0.3372 0.3373 0.3374 0.3375 0.3376 0.3377 0.3378 0.3379 0.3380 0.3381 0.3382  
0.3383

Columns 3385 through 3396



0.3384 0.3385 0.3386 0.3387 0.3388 0.3389 0.3390 0.3391 0.3392 0.3393 0.3394  
0.3395

Columns 3397 through 3408

0.3396 0.3397 0.3398 0.3399 0.3400 0.3401 0.3402 0.3403 0.3404 0.3405 0.3406  
0.3407

Columns 3409 through 3420

0.3408 0.3409 0.3410 0.3411 0.3412 0.3413 0.3414 0.3415 0.3416 0.3417 0.3418  
0.3419

Columns 3421 through 3432

0.3420 0.3421 0.3422 0.3423 0.3424 0.3425 0.3426 0.3427 0.3428 0.3429 0.3430  
0.3431

Columns 3433 through 3444

0.3432 0.3433 0.3434 0.3435 0.3436 0.3437 0.3438 0.3439 0.3440 0.3441 0.3442  
0.3443

Columns 3445 through 3456

0.3444 0.3445 0.3446 0.3447 0.3448 0.3449 0.3450 0.3451 0.3452 0.3453 0.3454  
0.3455

Columns 3457 through 3468

0.3456 0.3457 0.3458 0.3459 0.3460 0.3461 0.3462 0.3463 0.3464 0.3465 0.3466  
0.3467

Columns 3469 through 3480

0.3468 0.3469 0.3470 0.3471 0.3472 0.3473 0.3474 0.3475 0.3476 0.3477 0.3478  
0.3479

Columns 3481 through 3492

0.3480 0.3481 0.3482 0.3483 0.3484 0.3485 0.3486 0.3487 0.3488 0.3489 0.3490  
0.3491

Columns 3493 through 3501

0.3492 0.3493 0.3494 0.3495 0.3496 0.3497 0.3498 0.3499 0.3500

I =

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

In =

$[(25\pi)/4, (25\pi \cos(\pi/400))/4, (25\pi \cos(\pi/200))/4, (25\pi \cos((3\pi)/400))/4,$   
 $(25\pi \cos(\pi/100))/4, (25\pi \cos(\pi/80))/4, (25\pi \cos((3\pi)/200))/4, (25\pi \cos((7\pi)/400))/4,$   
 $(25\pi \cos(\pi/50))/4, (25\pi \cos((9\pi)/400))/4, (25\pi \cos(\pi/40))/4, (25\pi \cos((11\pi)/400))/4,$   
 $(25\pi \cos((3\pi)/100))/4, (25\pi \cos((13\pi)/400))/4, (25\pi \cos((7\pi)/200))/4,$   
 $(25\pi \cos((3\pi)/80))/4, (25\pi \cos(\pi/25))/4, (25\pi \cos((17\pi)/400))/4,$   
 $(25\pi \cos((9\pi)/200))/4, (25\pi \cos((19\pi)/400))/4, (25\pi \cos(\pi/20))/4,$

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 $(25\pi \cos((3\pi)/50))/4$ ,  $(25\pi \cos(\pi/16))/4$ ,  $(25\pi \cos((13\pi)/200))/4$ ,  
 $(25\pi \cos((27\pi)/400))/4$ ,  $(25\pi \cos((7\pi)/100))/4$ ,  $(25\pi \cos((29\pi)/400))/4$ ,  
 $(25\pi \cos((3\pi)/40))/4$ ,  $(25\pi \cos((31\pi)/400))/4$ ,  $(25\pi \cos((2\pi)/25))/4$ ,  
 $(25\pi \cos((33\pi)/400))/4$ ,  $(25\pi \cos((17\pi)/200))/4$ ,  $(25\pi \cos((7\pi)/80))/4$ ,  
 $(25\pi \cos((9\pi)/100))/4$ ,  $(25\pi \cos((37\pi)/400))/4$ ,  $(25\pi \cos((19\pi)/200))/4$ ,  
 $(25\pi \cos((39\pi)/400))/4$ ,  $(25\pi \cdot 2^{1/2} \cdot (5^{1/2} + 5)^{1/2})/16$ ,  $(25\pi \cos((41\pi)/400))/4$ ,  
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 $(25\pi \cos((9\pi)/80))/4$ ,  $(25\pi \cos((23\pi)/200))/4$ ,  $(25\pi \cos((47\pi)/400))/4$ ,  
 $(25\pi \cos((3\pi)/25))/4$ ,  $(25\pi \cos((49\pi)/400))/4$ ,  $(25\pi \cdot (2^{1/2} + 2)^{1/2})/8$ ,  
 $(25\pi \cos((51\pi)/400))/4$ ,  $(25\pi \cos((13\pi)/100))/4$ ,  $(25\pi \cos((53\pi)/400))/4$ ,  
 $(25\pi \cos((27\pi)/200))/4$ ,  $(25\pi \cos((11\pi)/80))/4$ ,  $(25\pi \cos((7\pi)/50))/4$ ,  
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 $(25\pi \cos((3\pi)/20))/4$ ,  $(25\pi \cos((61\pi)/400))/4$ ,  $(25\pi \cos((31\pi)/200))/4$ ,  
 $(25\pi \cos((63\pi)/400))/4$ ,  $(25\pi \cos((4\pi)/25))/4$ ,  $(25\pi \cos((13\pi)/80))/4$ ,  
 $(25\pi \cos((33\pi)/200))/4$ ,  $(25\pi \cos((67\pi)/400))/4$ ,  $(25\pi \cos((17\pi)/100))/4$ ,  
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 $(25\pi \cos((39\pi)/200))/4$ ,  $(25\pi \cos((79\pi)/400))/4$ ,  $(25\pi \cdot (5^{1/2}/4 + 1/4))/4$ ,  
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 $(25\pi \cos((6\pi)/25))/4$ ,  $(25\pi \cos((97\pi)/400))/4$ ,  $(25\pi \cos((49\pi)/200))/4$ ,  
 $(25\pi \cos((99\pi)/400))/4$ ,  $(25\pi \cdot 2^{1/2})/8$ ,  $(25\pi \cos((101\pi)/400))/4$ ,  
 $(25\pi \cos((51\pi)/200))/4$ ,  $(25\pi \cos((103\pi)/400))/4$ ,  $(25\pi \cos((13\pi)/50))/4$ ,  
 $(25\pi \cos((21\pi)/80))/4$ ,  $(25\pi \cos((53\pi)/200))/4$ ,  $(25\pi \cos((107\pi)/400))/4$ ,  
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 $(25\pi \cos((111\pi)/400))/4$ ,  $(25\pi \cos((7\pi)/25))/4$ ,  $(25\pi \cos((113\pi)/400))/4$ ,  
 $(25\pi \cos((57\pi)/200))/4$ ,  $(25\pi \cos((23\pi)/80))/4$ ,  $(25\pi \cos((29\pi)/100))/4$ ,  
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 $(25 \cdot 2^{1/2} \cdot \pi \cdot (5 - 5^{1/2})^{1/2})/16$ ,  $(25\pi \cos((121\pi)/400))/4$ ,  $(25\pi \cos((61\pi)/200))/4$ ,  
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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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 $(25\pi \cos((9\pi)/25))/4$ ,  $(25\pi \cos((29\pi)/80))/4$ ,  $(25\pi \cos((73\pi)/200))/4$ ,  
 $(25\pi \cos((147\pi)/400))/4$ ,  $(25\pi \cos((37\pi)/100))/4$ ,  $(25\pi \cos((149\pi)/400))/4$ ,  $(25\pi \cdot (2 - 2^{1/2})^{1/2})/8$ ,  
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 $(25\pi \cos((99\pi)/200))/4, -(25\pi \cos((197\pi)/400))/4, -(25\pi \cos((49\pi)/100))/4, -$   
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 $(25\pi \cos((12\pi)/25))/4, -(25\pi \cos((191\pi)/400))/4, -(25\pi \cos((19\pi)/40))/4, -$   
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 $2^{1/2})^{1/2})/8, -(25\pi \cos((149\pi)/400))/4, -(25\pi \cos((37\pi)/100))/4, -$   
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 $(25\pi \cos((63\pi)/200))/4, -(25\pi \cos((5\pi)/16))/4, -(25\pi \cos((31\pi)/100))/4, -$   
 $(25\pi \cos((123\pi)/400))/4, -(25\pi \cos((61\pi)/200))/4, -(25\pi \cos((121\pi)/400))/4, -$   
 $(25 \cdot 2^{1/2} \cdot \pi \cdot (5 - 5^{1/2})^{1/2})/16, -(25\pi \cos((119\pi)/400))/4, -(25\pi \cos((59\pi)/200))/4, -$   
 $(25\pi \cos((117\pi)/400))/4, -(25\pi \cos((29\pi)/100))/4, -(25\pi \cos((23\pi)/80))/4, -$   
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 $(25\pi \cos((27\pi)/200))/4, -(25\pi \cos((53\pi)/400))/4, -(25\pi \cos((13\pi)/100))/4, -$   
 $(25\pi \cos((51\pi)/400))/4, -(25\pi^*(2^{1/2} + 2)^{(1/2)})/8, -(25\pi \cos((49\pi)/400))/4, -$   
 $(25\pi \cos((3\pi)/25))/4, -(25\pi \cos((47\pi)/400))/4, -(25\pi \cos((23\pi)/200))/4, -$   
 $(25\pi \cos((9\pi)/80))/4, -(25\pi \cos((11\pi)/100))/4, -(25\pi \cos((43\pi)/400))/4, -$   
 $(25\pi \cos((21\pi)/200))/4, -(25\pi \cos((41\pi)/400))/4, -(25\pi^2)^{(1/2)}*(5^{1/2} + 5)^{(1/2)}/16, -$   
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 $(25\pi \cos((9\pi)/200))/4, -(25\pi \cos((17\pi)/400))/4, -(25\pi \cos(\pi/25))/4, -$   
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 $(25\pi \cos((3\pi)/100))/4, -(25\pi \cos((11\pi)/400))/4, -(25\pi \cos(\pi/40))/4, -$   
 $(25\pi \cos((9\pi)/400))/4, -(25\pi \cos(\pi/50))/4, -(25\pi \cos((7\pi)/400))/4, -$   
 $(25\pi \cos((3\pi)/200))/4, -(25\pi \cos(\pi/80))/4, -(25\pi \cos(\pi/100))/4, -(25\pi \cos((3\pi)/400))/4,$   
 $-(25\pi \cos(\pi/200))/4, -(25\pi \cos(\pi/400))/4, -(25\pi)/4, -(25\pi \cos(\pi/400))/4, -$   
 $(25\pi \cos(\pi/200))/4, -(25\pi \cos((3\pi)/400))/4, -(25\pi \cos(\pi/100))/4, -(25\pi \cos(\pi/80))/4, -$   
 $(25\pi \cos((3\pi)/200))/4, -(25\pi \cos((7\pi)/400))/4, -(25\pi \cos(\pi/50))/4, -$   
 $(25\pi \cos((9\pi)/400))/4, -(25\pi \cos(\pi/40))/4, -(25\pi \cos((11\pi)/400))/4, -$   
 $(25\pi \cos((3\pi)/100))/4, -(25\pi \cos((13\pi)/400))/4, -(25\pi \cos((7\pi)/200))/4, -$   
 $(25\pi \cos((3\pi)/80))/4, -(25\pi \cos(\pi/25))/4, -(25\pi \cos((17\pi)/400))/4, -$   
 $(25\pi \cos((9\pi)/200))/4, -(25\pi \cos((19\pi)/400))/4, -(25\pi \cos(\pi/20))/4, -$   
 $(25\pi \cos((21\pi)/400))/4, -(25\pi \cos((11\pi)/200))/4, -(25\pi \cos((23\pi)/400))/4, -$   
 $(25\pi \cos((3\pi)/50))/4, -(25\pi \cos(\pi/16))/4, -(25\pi \cos((13\pi)/200))/4, -$   
 $(25\pi \cos((27\pi)/400))/4, -(25\pi \cos((7\pi)/100))/4, -(25\pi \cos((29\pi)/400))/4, -$

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

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

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



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

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

$(25\pi \cos(9\pi/40))/4, -(25\pi \cos(89\pi/400))/4, -(25\pi \cos(11\pi/50))/4, -$   
 $(25\pi \cos(87\pi/400))/4, -(25\pi \cos(43\pi/200))/4, -(25\pi \cos(17\pi/80))/4, -$   
 $(25\pi \cos(21\pi/100))/4, -(25\pi \cos(83\pi/400))/4, -(25\pi \cos(41\pi/200))/4, -$   
 $(25\pi \cos(81\pi/400))/4, -(25\pi \cos(5^{1/2}/4 + 1/4))/4, -(25\pi \cos(79\pi/400))/4, -$   
 $(25\pi \cos(39\pi/200))/4, -(25\pi \cos(77\pi/400))/4, -(25\pi \cos(19\pi/100))/4, -$   
 $(25\pi \cos(3\pi/16))/4, -(25\pi \cos(37\pi/200))/4, -(25\pi \cos(73\pi/400))/4, -$   
 $(25\pi \cos(9\pi/50))/4, -(25\pi \cos(71\pi/400))/4, -(25\pi \cos(7\pi/40))/4, -$   
 $(25\pi \cos(69\pi/400))/4, -(25\pi \cos(17\pi/100))/4, -(25\pi \cos(67\pi/400))/4, -$   
 $(25\pi \cos(33\pi/200))/4, -(25\pi \cos(13\pi/80))/4, -(25\pi \cos(4\pi/25))/4, -$   
 $(25\pi \cos(63\pi/400))/4, -(25\pi \cos(31\pi/200))/4, -(25\pi \cos(61\pi/400))/4, -$   
 $(25\pi \cos(3\pi/20))/4, -(25\pi \cos(59\pi/400))/4, -(25\pi \cos(29\pi/200))/4, -$   
 $(25\pi \cos(57\pi/400))/4, -(25\pi \cos(7\pi/50))/4, -(25\pi \cos(11\pi/80))/4, -$   
 $(25\pi \cos(27\pi/200))/4, -(25\pi \cos(53\pi/400))/4, -(25\pi \cos(13\pi/100))/4, -$   
 $(25\pi \cos(51\pi/400))/4, -(25\pi \cos(2^{1/2} + 2)^{1/2})/8, -(25\pi \cos(49\pi/400))/4, -$   
 $(25\pi \cos(3\pi/25))/4, -(25\pi \cos(47\pi/400))/4, -(25\pi \cos(23\pi/200))/4, -$   
 $(25\pi \cos(9\pi/80))/4, -(25\pi \cos(11\pi/100))/4, -(25\pi \cos(43\pi/400))/4, -$   
 $(25\pi \cos(21\pi/200))/4, -(25\pi \cos(41\pi/400))/4, -(25\pi \cos(2^{1/2} \cdot (5^{1/2} + 5)^{1/2}))/16, -$   
 $(25\pi \cos(39\pi/400))/4, -(25\pi \cos(19\pi/200))/4, -(25\pi \cos(37\pi/400))/4, -$   
 $(25\pi \cos(9\pi/100))/4, -(25\pi \cos(7\pi/80))/4, -(2...$  Output truncated. Text exceeds maximum  
line length for Command Window display.

A =

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

P =

$$(25\pi \cos(\pi t/5) \cos(25\pi t))/8 - (\pi \sin(\pi t/5) \sin(25\pi t))/40$$

Pn =

$$\left[ \frac{25\pi}{8}, \frac{25\pi \cos(\pi/400) \cos(\pi/50000)}{8} - \frac{\pi \sin(\pi/400) \sin(\pi/50000)}{40}, \right.$$

$$\frac{25\pi \cos(\pi/200) \cos(\pi/25000)}{8} - \frac{\pi \sin(\pi/200) \sin(\pi/25000)}{40},$$

$$\frac{25\pi \cos(3\pi/400) \cos(3\pi/50000)}{8} - \frac{\pi \sin(3\pi/400) \sin(3\pi/50000)}{40},$$

$$\frac{25\pi \cos(\pi/100) \cos(\pi/12500)}{8} - \frac{\pi \sin(\pi/100) \sin(\pi/12500)}{40},$$

$$\frac{25\pi \cos(\pi/80) \cos(\pi/10000)}{8} - \frac{\pi \sin(\pi/80) \sin(\pi/10000)}{40},$$

$$\frac{25\pi \cos(3\pi/200) \cos(3\pi/25000)}{8} - \frac{\pi \sin(3\pi/200) \sin(3\pi/25000)}{40},$$

$$\frac{25\pi \cos(7\pi/400) \cos(7\pi/50000)}{8} - \frac{\pi \sin(7\pi/400) \sin(7\pi/50000)}{40},$$

$$\frac{25\pi \cos(\pi/50) \cos(\pi/6250)}{8} - \frac{\pi \sin(\pi/50) \sin(\pi/6250)}{40},$$

$$\frac{25\pi \cos(9\pi/400) \cos(9\pi/50000)}{8} - \frac{\pi \sin(9\pi/400) \sin(9\pi/50000)}{40},$$

$$\frac{25\pi \cos(\pi/40) \cos(\pi/5000)}{8} - \frac{\pi \sin(\pi/40) \sin(\pi/5000)}{40},$$

$$\frac{25\pi \cos(11\pi/400) \cos(11\pi/50000)}{8} - \frac{\pi \sin(11\pi/400) \sin(11\pi/50000)}{40},$$

$$\frac{25\pi \cos(3\pi/100) \cos(3\pi/12500)}{8} - \frac{\pi \sin(3\pi/100) \sin(3\pi/12500)}{40},$$

$$\frac{25\pi \cos(13\pi/400) \cos(13\pi/50000)}{8} - \frac{\pi \sin(13\pi/400) \sin(13\pi/50000)}{40},$$

$$\frac{25\pi \cos(7\pi/200) \cos(7\pi/25000)}{8} - \frac{\pi \sin(7\pi/200) \sin(7\pi/25000)}{40},$$

$$\frac{25\pi \cos(3\pi/80) \cos(3\pi/10000)}{8} - \frac{\pi \sin(3\pi/80) \sin(3\pi/10000)}{40},$$

$$\frac{25\pi \cos(\pi/25) \cos(\pi/3125)}{8} - \frac{\pi \sin(\pi/25) \sin(\pi/3125)}{40},$$

$$\frac{25\pi \cos(17\pi/400) \cos(17\pi/50000)}{8} - \frac{\pi \sin(17\pi/400) \sin(17\pi/50000)}{40},$$

$$\frac{25\pi \cos(9\pi/200) \cos(9\pi/25000)}{8} - \frac{\pi \sin(9\pi/200) \sin(9\pi/25000)}{40},$$

$$\frac{25\pi \cos(19\pi/400) \cos(19\pi/50000)}{8} - \frac{\pi \sin(19\pi/400) \sin(19\pi/50000)}{40},$$

$$\frac{25\pi \cos(\pi/20) \cos(\pi/2500)}{8} - \frac{\pi \sin(\pi/20) \sin(\pi/2500)}{40},$$

$$\frac{25\pi \cos(21\pi/400) \cos(21\pi/50000)}{8} - \frac{\pi \sin(21\pi/400) \sin(21\pi/50000)}{40},$$

$$\frac{25\pi \cos(11\pi/200) \cos(11\pi/25000)}{8} - \frac{\pi \sin(11\pi/200) \sin(11\pi/25000)}{40},$$

$$\frac{25\pi \cos(23\pi/400) \cos(23\pi/50000)}{8} - \frac{\pi \sin(23\pi/400) \sin(23\pi/50000)}{40},$$

$$\frac{25\pi \cos(3\pi/50) \cos(3\pi/6250)}{8} - \frac{\pi \sin(3\pi/50) \sin(3\pi/6250)}{40},$$

$$\frac{25\pi \cos(\pi/16) \cos(\pi/2000)}{8} - \frac{\pi \sin(\pi/16) \sin(\pi/2000)}{40},$$

$$\frac{25\pi \cos(13\pi/200) \cos(13\pi/25000)}{8} - \frac{\pi \sin(13\pi/200) \sin(13\pi/25000)}{40},$$

$$\frac{25\pi \cos(27\pi/400) \cos(27\pi/50000)}{8} - \frac{\pi \sin(27\pi/400) \sin(27\pi/50000)}{40},$$

$$\frac{25\pi \cos(7\pi/100) \cos(7\pi/12500)}{8} - \frac{\pi \sin(7\pi/100) \sin(7\pi/12500)}{40},$$

$$\frac{25\pi \cos(29\pi/400) \cos(29\pi/50000)}{8} - \frac{\pi \sin(29\pi/400) \sin(29\pi/50000)}{40},$$

$$\frac{25\pi \cos(3\pi/40) \cos(3\pi/5000)}{8} - \frac{\pi \sin(3\pi/40) \sin(3\pi/5000)}{40},$$

$$\frac{25\pi \cos(31\pi/400) \cos(31\pi/50000)}{8} - \frac{\pi \sin(31\pi/400) \sin(31\pi/50000)}{40},$$

$$\frac{25\pi \cos(2\pi/25) \cos(2\pi/3125)}{8} - \frac{\pi \sin(2\pi/25) \sin(2\pi/3125)}{40},$$

$$\frac{25\pi \cos(33\pi/400) \cos(33\pi/50000)}{8} - \frac{\pi \sin(33\pi/400) \sin(33\pi/50000)}{40},$$

$$\frac{25\pi \cos(17\pi/200) \cos(17\pi/25000)}{8} - \frac{\pi \sin(17\pi/200) \sin(17\pi/25000)}{40},$$

$$\frac{25\pi \cos(7\pi/80) \cos(7\pi/10000)}{8} - \frac{\pi \sin(7\pi/80) \sin(7\pi/10000)}{40},$$

$$\frac{25\pi \cos(9\pi/100) \cos(9\pi/12500)}{8} - \frac{\pi \sin(9\pi/100) \sin(9\pi/12500)}{40},$$

$$\frac{25\pi \cos(37\pi/400) \cos(37\pi/50000)}{8} - \frac{\pi \sin(37\pi/400) \sin(37\pi/50000)}{40},$$

$$\frac{25\pi \cos(19\pi/200) \cos(19\pi/25000)}{8} - \frac{\pi \sin(19\pi/200) \sin(19\pi/25000)}{40},$$

$$\frac{25\pi \cos(39\pi/400) \cos(39\pi/50000)}{8} - \frac{\pi \sin(39\pi/400) \sin(39\pi/50000)}{40},$$

$$\frac{25 \cdot 2^{1/2} \pi \cos(\pi/1250) (5^{1/2} + 5)^{1/2}}{32} - \frac{\pi \sin(\pi/1250) (5^{1/2}/4 - 1/4)}{40},$$

$$\frac{25\pi \cos(41\pi/400) \cos(41\pi/50000)}{8} - \frac{\pi \sin(41\pi/400) \sin(41\pi/50000)}{40},$$

$$\frac{25\pi \cos(21\pi/200) \cos(21\pi/25000)}{8} - \frac{\pi \sin(21\pi/200) \sin(21\pi/25000)}{40},$$

$$\frac{25\pi \cos(43\pi/400) \cos(43\pi/50000)}{8} - \frac{\pi \sin(43\pi/400) \sin(43\pi/50000)}{40},$$

$$\frac{25\pi \cos(11\pi/100) \cos(11\pi/12500)}{8} - \frac{\pi \sin(11\pi/100) \sin(11\pi/12500)}{40},$$

$$\frac{25\pi \cos(9\pi/80) \cos(9\pi/10000)}{8} - \frac{\pi \sin(9\pi/80) \sin(9\pi/10000)}{40},$$

$(25\pi \cos((23\pi)/200) \cos((23\pi)/25000))/8 - (\pi \sin((23\pi)/200) \sin((23\pi)/25000))/40,$   
 $(25\pi \cos((47\pi)/400) \cos((47\pi)/50000))/8 - (\pi \sin((47\pi)/400) \sin((47\pi)/50000))/40,$   
 $(25\pi \cos((3\pi)/25) \cos((3\pi)/3125))/8 - (\pi \sin((3\pi)/25) \sin((3\pi)/3125))/40,$   
 $(25\pi \cos((49\pi)/400) \cos((49\pi)/50000))/8 - (\pi \sin((49\pi)/400) \sin((49\pi)/50000))/40,$   
 $(25\pi \cos(\pi/1000) (2^{1/2} + 2)^{1/2})/16 - (\pi \sin(\pi/1000) (2 - 2^{1/2})^{1/2})/80,$   
 $(25\pi \cos((51\pi)/400) \cos((51\pi)/50000))/8 - (\pi \sin((51\pi)/400) \sin((51\pi)/50000))/40,$   
 $(25\pi \cos((13\pi)/100) \cos((13\pi)/12500))/8 - (\pi \sin((13\pi)/100) \sin((13\pi)/12500))/40,$   
 $(25\pi \cos((53\pi)/400) \cos((53\pi)/50000))/8 - (\pi \sin((53\pi)/400) \sin((53\pi)/50000))/40,$   
 $(25\pi \cos((27\pi)/200) \cos((27\pi)/25000))/8 - (\pi \sin((27\pi)/200) \sin((27\pi)/25000))/40,$   
 $(25\pi \cos((11\pi)/80) \cos((11\pi)/10000))/8 - (\pi \sin((11\pi)/80) \sin((11\pi)/10000))/40,$   
 $(25\pi \cos((7\pi)/50) \cos((7\pi)/6250))/8 - (\pi \sin((7\pi)/50) \sin((7\pi)/6250))/40,$   
 $(25\pi \cos((57\pi)/400) \cos((57\pi)/50000))/8 - (\pi \sin((57\pi)/400) \sin((57\pi)/50000))/40,$   
 $(25\pi \cos((29\pi)/200) \cos((29\pi)/25000))/8 - (\pi \sin((29\pi)/200) \sin((29\pi)/25000))/40,$   
 $(25\pi \cos((59\pi)/400) \cos((59\pi)/50000))/8 - (\pi \sin((59\pi)/400) \sin((59\pi)/50000))/40,$   
 $(25\pi \cos((3\pi)/20) \cos((3\pi)/2500))/8 - (\pi \sin((3\pi)/20) \sin((3\pi)/2500))/40,$   
 $(25\pi \cos((61\pi)/400) \cos((61\pi)/50000))/8 - (\pi \sin((61\pi)/400) \sin((61\pi)/50000))/40,$   
 $(25\pi \cos((31\pi)/200) \cos((31\pi)/25000))/8 - (\pi \sin((31\pi)/200) \sin((31\pi)/25000))/40,$   
 $(25\pi \cos((63\pi)/400) \cos((63\pi)/50000))/8 - (\pi \sin((63\pi)/400) \sin((63\pi)/50000))/40,$   
 $(25\pi \cos((4\pi)/25) \cos((4\pi)/3125))/8 - (\pi \sin((4\pi)/25) \sin((4\pi)/3125))/40,$   
 $(25\pi \cos((13\pi)/80) \cos((13\pi)/10000))/8 - (\pi \sin((13\pi)/80) \sin((13\pi)/10000))/40,$   
 $(25\pi \cos((33\pi)/200) \cos((33\pi)/25000))/8 - (\pi \sin((33\pi)/200) \sin((33\pi)/25000))/40,$   
 $(25\pi \cos((67\pi)/400) \cos((67\pi)/50000))/8 - (\pi \sin((67\pi)/400) \sin((67\pi)/50000))/40,$   
 $(25\pi \cos((17\pi)/100) \cos((17\pi)/12500))/8 - (\pi \sin((17\pi)/100) \sin((17\pi)/12500))/40,$   
 $(25\pi \cos((69\pi)/400) \cos((69\pi)/50000))/8 - (\pi \sin((69\pi)/400) \sin((69\pi)/50000))/40,$   
 $(25\pi \cos((7\pi)/40) \cos((7\pi)/5000))/8 - (\pi \sin((7\pi)/40) \sin((7\pi)/5000))/40,$   
 $(25\pi \cos((71\pi)/400) \cos((71\pi)/50000))/8 - (\pi \sin((71\pi)/400) \sin((71\pi)/50000))/40,$   
 $(25\pi \cos((9\pi)/50) \cos((9\pi)/6250))/8 - (\pi \sin((9\pi)/50) \sin((9\pi)/6250))/40,$   
 $(25\pi \cos((73\pi)/400) \cos((73\pi)/50000))/8 - (\pi \sin((73\pi)/400) \sin((73\pi)/50000))/40,$   
 $(25\pi \cos((37\pi)/200) \cos((37\pi)/25000))/8 - (\pi \sin((37\pi)/200) \sin((37\pi)/25000))/40,$   
 $(25\pi \cos((3\pi)/16) \cos((3\pi)/2000))/8 - (\pi \sin((3\pi)/16) \sin((3\pi)/2000))/40,$   
 $(25\pi \cos((19\pi)/100) \cos((19\pi)/12500))/8 - (\pi \sin((19\pi)/100) \sin((19\pi)/12500))/40,$   
 $(25\pi \cos((77\pi)/400) \cos((77\pi)/50000))/8 - (\pi \sin((77\pi)/400) \sin((77\pi)/50000))/40,$   
 $(25\pi \cos((39\pi)/200) \cos((39\pi)/25000))/8 - (\pi \sin((39\pi)/200) \sin((39\pi)/25000))/40,$   
 $(25\pi \cos((79\pi)/400) \cos((79\pi)/50000))/8 - (\pi \sin((79\pi)/400) \sin((79\pi)/50000))/40,$   
 $(25\pi \cos(\pi/625) (5^{1/2}/4 + 1/4))/8 - (2^{1/2} \pi \sin(\pi/625) (5 - 5^{1/2})^{1/2})/160,$   
 $(25\pi \cos((81\pi)/400) \cos((81\pi)/50000))/8 - (\pi \sin((81\pi)/400) \sin((81\pi)/50000))/40,$   
 $(25\pi \cos((41\pi)/200) \cos((41\pi)/25000))/8 - (\pi \sin((41\pi)/200) \sin((41\pi)/25000))/40,$   
 $(25\pi \cos((83\pi)/400) \cos((83\pi)/50000))/8 - (\pi \sin((83\pi)/400) \sin((83\pi)/50000))/40,$   
 $(25\pi \cos((21\pi)/100) \cos((21\pi)/12500))/8 - (\pi \sin((21\pi)/100) \sin((21\pi)/12500))/40,$   
 $(25\pi \cos((17\pi)/80) \cos((17\pi)/10000))/8 - (\pi \sin((17\pi)/80) \sin((17\pi)/10000))/40,$   
 $(25\pi \cos((43\pi)/200) \cos((43\pi)/25000))/8 - (\pi \sin((43\pi)/200) \sin((43\pi)/25000))/40,$   
 $(25\pi \cos((87\pi)/400) \cos((87\pi)/50000))/8 - (\pi \sin((87\pi)/400) \sin((87\pi)/50000))/40,$   
 $(25\pi \cos((11\pi)/50) \cos((11\pi)/6250))/8 - (\pi \sin((11\pi)/50) \sin((11\pi)/6250))/40,$   
 $(25\pi \cos((89\pi)/400) \cos((89\pi)/50000))/8 - (\pi \sin((89\pi)/400) \sin((89\pi)/50000))/40,$   
 $(25\pi \cos((9\pi)/40) \cos((9\pi)/5000))/8 - (\pi \sin((9\pi)/40) \sin((9\pi)/5000))/40,$

$(25\pi \cos((91\pi)/400) \cos((91\pi)/50000))/8 - (\pi \sin((91\pi)/400) \sin((91\pi)/50000))/40,$   
 $(25\pi \cos((23\pi)/100) \cos((23\pi)/12500))/8 - (\pi \sin((23\pi)/100) \sin((23\pi)/12500))/40,$   
 $(25\pi \cos((93\pi)/400) \cos((93\pi)/50000))/8 - (\pi \sin((93\pi)/400) \sin((93\pi)/50000))/40,$   
 $(25\pi \cos((47\pi)/200) \cos((47\pi)/25000))/8 - (\pi \sin((47\pi)/200) \sin((47\pi)/25000))/40,$   
 $(25\pi \cos((19\pi)/80) \cos((19\pi)/10000))/8 - (\pi \sin((19\pi)/80) \sin((19\pi)/10000))/40,$   
 $(25\pi \cos((6\pi)/25) \cos((6\pi)/3125))/8 - (\pi \sin((6\pi)/25) \sin((6\pi)/3125))/40,$   
 $(25\pi \cos((97\pi)/400) \cos((97\pi)/50000))/8 - (\pi \sin((97\pi)/400) \sin((97\pi)/50000))/40,$   
 $(25\pi \cos((49\pi)/200) \cos((49\pi)/25000))/8 - (\pi \sin((49\pi)/200) \sin((49\pi)/25000))/40,$   
 $(25\pi \cos((99\pi)/400) \cos((99\pi)/50000))/8 - (\pi \sin((99\pi)/400) \sin((99\pi)/50000))/40,$   
 $(25 \cdot 2^{1/2} \pi \cos(\pi/500))/16 - (2^{1/2} \pi \sin(\pi/500))/80,$   
 $(25\pi \cos((101\pi)/400) \cos((101\pi)/50000))/8 - (\pi \sin((101\pi)/400) \sin((101\pi)/50000))/40,$   
 $(25\pi \cos((51\pi)/200) \cos((51\pi)/25000))/8 - (\pi \sin((51\pi)/200) \sin((51\pi)/25000))/40,$   
 $(25\pi \cos((103\pi)/400) \cos((103\pi)/50000))/8 - (\pi \sin((103\pi)/400) \sin((103\pi)/50000))/40,$   
 $(25\pi \cos((13\pi)/50) \cos((13\pi)/6250))/8 - (\pi \sin((13\pi)/50) \sin((13\pi)/6250))/40,$   
 $(25\pi \cos((21\pi)/80) \cos((21\pi)/10000))/8 - (\pi \sin((21\pi)/80) \sin((21\pi)/10000))/40,$   
 $(25\pi \cos((53\pi)/200) \cos((53\pi)/25000))/8 - (\pi \sin((53\pi)/200) \sin((53\pi)/25000))/40,$   
 $(25\pi \cos((107\pi)/400) \cos((107\pi)/50000))/8 - (\pi \sin((107\pi)/400) \sin((107\pi)/50000))/40,$   
 $(25\pi \cos((27\pi)/100) \cos((27\pi)/12500))/8 - (\pi \sin((27\pi)/100) \sin((27\pi)/12500))/40,$   
 $(25\pi \cos((109\pi)/400) \cos((109\pi)/50000))/8 - (\pi \sin((109\pi)/400) \sin((109\pi)/50000))/40,$   
 $(25\pi \cos((11\pi)/40) \cos((11\pi)/5000))/8 - (\pi \sin((11\pi)/40) \sin((11\pi)/5000))/40,$   
 $(25\pi \cos((111\pi)/400) \cos((111\pi)/50000))/8 - (\pi \sin((111\pi)/400) \sin((111\pi)/50000))/40,$   
 $(25\pi \cos((7\pi)/25) \cos((7\pi)/3125))/8 - (\pi \sin((7\pi)/25) \sin((7\pi)/3125))/40,$   
 $(25\pi \cos((113\pi)/400) \cos((113\pi)/50000))/8 - (\pi \sin((113\pi)/400) \sin((113\pi)/50000))/40,$   
 $(25\pi \cos((57\pi)/200) \cos((57\pi)/25000))/8 - (\pi \sin((57\pi)/200) \sin((57\pi)/25000))/40,$   
 $(25\pi \cos((23\pi)/80) \cos((23\pi)/10000))/8 - (\pi \sin((23\pi)/80) \sin((23\pi)/10000))/40,$   
 $(25\pi \cos((29\pi)/100) \cos((29\pi)/12500))/8 - (\pi \sin((29\pi)/100) \sin((29\pi)/12500))/40,$   
 $(25\pi \cos((117\pi)/400) \cos((117\pi)/50000))/8 - (\pi \sin((117\pi)/400) \sin((117\pi)/50000))/40,$   
 $(25\pi \cos((59\pi)/200) \cos((59\pi)/25000))/8 - (\pi \sin((59\pi)/200) \sin((59\pi)/25000))/40,$   
 $(25\pi \cos((119\pi)/400) \cos((119\pi)/50000))/8 - (\pi \sin((119\pi)/400) \sin((119\pi)/50000))/40,$   
 $(25 \cdot 2^{1/2} \pi \cos((3\pi)/1250) \cdot (5 - 5^{1/2})^{1/2})/32 - (\pi \sin((3\pi)/1250) \cdot (5^{1/2}/4 + 1/4))/40,$   
 $(25\pi \cos((121\pi)/400) \cos((121\pi)/50000))/8 -$   
 $(\pi \sin((121\pi)/400) \sin((121\pi)/50000))/40,$   
 $(25\pi \cos((61\pi)/200) \cos((61\pi)/25000))/8 -$   
 $(\pi \sin((61\pi)/200) \sin((61\pi)/25000))/40,$   
 $(25\pi \cos((123\pi)/400) \cos((123\pi)/50000))/8 -$   
 $(\pi \sin((123\pi)/400) \sin((123\pi)/50000))/40,$   
 $(25\pi \cos((31\pi)/100) \cos((31\pi)/12500))/8 -$   
 $(\pi \sin((31\pi)/100) \sin((31\pi)/12500))/40,$   
 $(25\pi \cos((5\pi)/16) \cos(\pi/400))/8 -$   
 $(\pi \sin((5\pi)/16) \sin(\pi/400))/40,$   
 $(25\pi \cos((63\pi)/200) \cos((63\pi)/25000))/8 -$   
 $(\pi \sin((63\pi)/200) \sin((63\pi)/25000))/40,$   
 $(25\pi \cos((127\pi)/400) \cos((127\pi)/50000))/8 -$   
 $(\pi \sin((127\pi)/400) \sin((127\pi)/50000))/40,$   
 $(25\pi \cos((8\pi)/25) \cos((8\pi)/3125))/8 -$   
 $(\pi \sin((8\pi)/25) \sin((8\pi)/3125))/40,$   
 $(25\pi \cos((129\pi)/400) \cos((129\pi)/50000))/8 -$   
 $(\pi \sin((129\pi)/400) \sin((129\pi)/50000))/40,$   
 $(25\pi \cos((13\pi)/40) \cos((13\pi)/5000))/8 -$   
 $(\pi \sin((13\pi)/40) \sin((13\pi)/5000))/40,$   
 $(25\pi \cos((131\pi)/400) \cos((131\pi)/50000))/8 -$   
 $(\pi \sin((131\pi)/400) \sin((131\pi)/50000))/40,$   
 $(25\pi \cos((33\pi)/100) \cos((33\pi)/12500))/8 -$   
 $(\pi \sin((33\pi)/100) \sin((33\pi)/12500))/40,$   
 $(25\pi \cos((133\pi)/400) \cos((133\pi)/50000))/8 -$   
 $(\pi \sin((133\pi)/400) \sin((133\pi)/50000))/40,$   
 $(25\pi \cos((67\pi)/200) \cos((67\pi)/25000))/8 -$   
 $(\pi \sin((67\pi)/200) \sin((67\pi)/25000))/40,$   
 $(25\pi \cos((27\pi)/80) \cos((27\pi)/10000))/8 -$

$$\begin{aligned}
& (\pi \sin((27\pi)/80) \sin((27\pi)/10000))/40, (25\pi \cos((17\pi)/50) \cos((17\pi)/6250))/8 - \\
& (\pi \sin((17\pi)/50) \sin((17\pi)/6250))/40, (25\pi \cos((137\pi)/400) \cos((137\pi)/50000))/8 - \\
& (\pi \sin((137\pi)/400) \sin((137\pi)/50000))/40, (25\pi \cos((69\pi)/200) \cos((69\pi)/25000))/8 - \\
& (\pi \sin((69\pi)/200) \sin((69\pi)/25000))/40, (25\pi \cos((139\pi)/400) \cos((139\pi)/50000))/8 - \\
& (\pi \sin((139\pi)/400) \sin((139\pi)/50000))/40, (25\pi \cos((7\pi)/20) \cos((7\pi)/2500))/8 - \\
& (\pi \sin((7\pi)/20) \sin((7\pi)/2500))/40, (25\pi \cos((141\pi)/400) \cos((141\pi)/50000))/8 - \\
& (\pi \sin((141\pi)/400) \sin((141\pi)/50000))/40, (25\pi \cos((71\pi)/200) \cos((71\pi)/25000))/8 - \\
& (\pi \sin((71\pi)/200) \sin((71\pi)/25000))/40, (25\pi \cos((143\pi)/400) \cos((143\pi)/50000))/8 - \\
& (\pi \sin((143\pi)/400) \sin((143\pi)/50000))/40, (25\pi \cos((9\pi)/25) \cos((9\pi)/3125))/8 - \\
& (\pi \sin((9\pi)/25) \sin((9\pi)/3125))/40, (25\pi \cos((29\pi)/80) \cos((29\pi)/10000))/8 - \\
& (\pi \sin((29\pi)/80) \sin((29\pi)/10000))/40, (25\pi \cos((73\pi)/200) \cos((73\pi)/25000))/8 - \\
& (\pi \sin((73\pi)/200) \sin((73\pi)/25000))/40, (25\pi \cos((147\pi)/400) \cos((147\pi)/50000))/8 - \\
& (\pi \sin((147\pi)/400) \sin((147\pi)/50000))/40, (25\pi \cos((37\pi)/100) \cos((37\pi)/12500))/8 - \\
& (\pi \sin((37\pi)/100) \sin((37\pi)/12500))/40, (25\pi \cos((149\pi)/400) \cos((149\pi)/50000))/8 - \\
& (\pi \sin((149\pi)/400) \sin((149\pi)/50000))/40, (25\pi \cos((3\pi)/1000) * (2 - 2^{1/2})^{1/2})/16 - \\
& (\pi \sin((3\pi)/1000) * (2^{1/2} + 2)^{1/2})/80, (25\pi \cos((151\pi)/400) \cos((151\pi)/50000))/8 - \\
& (\pi \sin((151\pi)/400) \sin((151\pi)/50000))/40, (25\pi \cos((19\pi)/50) \cos((19\pi)/6250))/8 - \\
& (\pi \sin((19\pi)/50) \sin((19\pi)/6250))/40, (25\pi \cos((153\pi)/400) \cos((153\pi)/50000))/8 - \\
& (\pi \sin((153\pi)/400) \sin((153\pi)/50000))/40, (25\pi \cos((77\pi)/200) \cos((77\pi)/25000))/8 - \\
& (\pi \sin((77\pi)/200) \sin((77\pi)/25000))/40, (25\pi \cos((31\pi)/80) \cos((31\pi)/10000))/8 - \\
& (\pi \sin((31\pi)/80) \sin((31\pi)/10000))/40, (25\pi \cos((39\pi)/100) \cos((39\pi)/12500))/8 - \\
& (\pi \sin((39\pi)/100) \sin((39\pi)/12500))/40, (25\pi \cos((157\pi)/400) \cos((157\pi)/50000))/8 - \\
& (\pi \sin((157\pi)/400) \sin((157\pi)/50000))/40, (25\pi \cos((79\pi)/200) \cos((79\pi)/25000))/8 - \\
& (\pi \sin((79\pi)/200) \sin((79\pi)/25000))/40, (25\pi \cos((159\pi)/400) \cos((159\pi)/50000))/8 - \\
& (\pi \sin((159\pi)/400) \sin((159\pi)/50000))/40, (25\pi \cos((2\pi)/625) * (5^{1/2}/4 - 1/4))/8 - \\
& (2^{1/2} \pi \sin((2\pi)/625) * (5^{1/2} + 5)^{1/2})/160, \\
& (25\pi \cos((161\pi)/400) \cos((161\pi)/50000))/8 - (\pi \sin((161\pi)/400) \sin((161\pi)/50000))/40, \\
& (25\pi \cos((81\pi)/200) \cos((81\pi)/25000))/8 - (\pi \sin((81\pi)/200) \sin((81\pi)/25000))/40, \\
& (25\pi \cos((163\pi)/400) \cos((163\pi)/50000))/8 - (\pi \sin((163\pi)/400) \sin((163\pi)/50000))/40, \\
& (25\pi \cos((41\pi)/100) \cos((41\pi)/12500))/8 - (\pi \sin((41\pi)/100) \sin((41\pi)/12500))/40, \\
& (25\pi \cos((33\pi)/80) \cos((33\pi)/10000))/8 - (\pi \sin((33\pi)/80) \sin((33\pi)/10000))/40, \\
& (25\pi \cos((83\pi)/200) \cos((83\pi)/25000))/8 - (\pi \sin((83\pi)/200) \sin((83\pi)/25000))/40, \\
& (25\pi \cos((167\pi)/400) \cos((167\pi)/50000))/8 - (\pi \sin((167\pi)/400) \sin((167\pi)/50000))/40, \\
& (25\pi \cos((21\pi)/50) \cos((21\pi)/6250))/8 - (\pi \sin((21\pi)/50) \sin((21\pi)/6250))/40, \\
& (25\pi \cos((169\pi)/400) \cos((169\pi)/50000))/8 - (\pi \sin((169\pi)/400) \sin((169\pi)/50000))/40, \\
& (25\pi \cos((17\pi)/40) \cos((17\pi)/5000))/8 - (\pi \sin((17\pi)/40) \sin((17\pi)/5000))/40, \\
& (25\pi \cos((171\pi)/400) \cos((171\pi)/50000))/8 - (\pi \sin((171\pi)/400) \sin((171\pi)/50000))/40, \\
& (25\pi \cos((43\pi)/100) \cos((43\pi)/12500))/8 - (\pi \sin((43\pi)/100) \sin((43\pi)/12500))/40, \\
& (25\pi \cos((173\pi)/400) \cos((173\pi)/50000))/8 - (\pi \sin((173\pi)/400) \sin((173\pi)/50000))/40, \\
& (25\pi \cos((87\pi)/200) \cos((87\pi)/25000))/8 - (\pi \sin((87\pi)/200) \sin((87\pi)/25000))/40, \\
& (25\pi \cos((7\pi)/16) \cos((7\pi)/2000))/8 - (\pi \sin((7\pi)/16) \sin((7\pi)/2000))/40, \\
& (25\pi \cos((11\pi)/25) \cos((11\pi)/3125))/8 - (\pi \sin((11\pi)/25) \sin((11\pi)/3125))/40, \\
& (25\pi \cos((177\pi)/400) \cos((177\pi)/50000))/8 - (\pi \sin((177\pi)/400) \sin((177\pi)/50000))/40, \\
& (25\pi \cos((89\pi)/200) \cos((89\pi)/25000))/8 - (\pi \sin((89\pi)/200) \sin((89\pi)/25000))/40, \\
& (25\pi \cos((179\pi)/400) \cos((179\pi)/50000))/8 - (\pi \sin((179\pi)/400) \sin((179\pi)/50000))/40,
\end{aligned}$$

$(25\pi \cos(9\pi/20) \cos(9\pi/2500))/8 - (\pi \sin(9\pi/20) \sin(9\pi/2500))/40,$   
 $(25\pi \cos(181\pi/400) \cos(181\pi/50000))/8 - (\pi \sin(181\pi/400) \sin(181\pi/50000))/40,$   
 $(25\pi \cos(91\pi/200) \cos(91\pi/25000))/8 - (\pi \sin(91\pi/200) \sin(91\pi/25000))/40,$   
 $(25\pi \cos(183\pi/400) \cos(183\pi/50000))/8 - (\pi \sin(183\pi/400) \sin(183\pi/50000))/40,$   
 $(25\pi \cos(23\pi/50) \cos(23\pi/6250))/8 - (\pi \sin(23\pi/50) \sin(23\pi/6250))/40,$   
 $(25\pi \cos(37\pi/80) \cos(37\pi/10000))/8 - (\pi \sin(37\pi/80) \sin(37\pi/10000))/40,$   
 $(25\pi \cos(93\pi/200) \cos(93\pi/25000))/8 - (\pi \sin(93\pi/200) \sin(93\pi/25000))/40,$   
 $(25\pi \cos(187\pi/400) \cos(187\pi/50000))/8 - (\pi \sin(187\pi/400) \sin(187\pi/50000))/40,$   
 $(25\pi \cos(47\pi/100) \cos(47\pi/12500))/8 - (\pi \sin(47\pi/100) \sin(47\pi/12500))/40,$   
 $(25\pi \cos(189\pi/400) \cos(189\pi/50000))/8 - (\pi \sin(189\pi/400) \sin(189\pi/50000))/40,$   
 $(25\pi \cos(19\pi/40) \cos(19\pi/5000))/8 - (\pi \sin(19\pi/40) \sin(19\pi/5000))/40,$   
 $(25\pi \cos(191\pi/400) \cos(191\pi/50000))/8 - (\pi \sin(191\pi/400) \sin(191\pi/50000))/40,$   
 $(25\pi \cos(12\pi/25) \cos(12\pi/3125))/8 - (\pi \sin(12\pi/25) \sin(12\pi/3125))/40,$   
 $(25\pi \cos(193\pi/400) \cos(193\pi/50000))/8 - (\pi \sin(193\pi/400) \sin(193\pi/50000))/40,$   
 $(25\pi \cos(97\pi/200) \cos(97\pi/25000))/8 - (\pi \sin(97\pi/200) \sin(97\pi/25000))/40,$   
 $(25\pi \cos(39\pi/80) \cos(39\pi/10000))/8 - (\pi \sin(39\pi/80) \sin(39\pi/10000))/40,$   
 $(25\pi \cos(49\pi/100) \cos(49\pi/12500))/8 - (\pi \sin(49\pi/100) \sin(49\pi/12500))/40,$   
 $(25\pi \cos(197\pi/400) \cos(197\pi/50000))/8 - (\pi \sin(197\pi/400) \sin(197\pi/50000))/40,$   
 $(25\pi \cos(99\pi/200) \cos(99\pi/25000))/8 - (\pi \sin(99\pi/200) \sin(99\pi/25000))/40,$   
 $(25\pi \cos(199\pi/400) \cos(199\pi/50000))/8 - (\pi \sin(199\pi/400) \sin(199\pi/50000))/40, -$   
 $(\pi \sin(\pi/250))/40, - (25\pi \cos(199\pi/400) \cos(201\pi/50000))/8 -$   
 $(\pi \sin(199\pi/400) \sin(201\pi/50000))/40, - (25\pi \cos(99\pi/200) \cos(101\pi/25000))/8 -$   
 $(\pi \sin(99\pi/200) \sin(101\pi/25000))/40, - (25\pi \cos(197\pi/400) \cos(203\pi/50000))/8 -$   
 $(\pi \sin(197\pi/400) \sin(203\pi/50000))/40, - (25\pi \cos(49\pi/100) \cos(51\pi/12500))/8 -$   
 $(\pi \sin(49\pi/100) \sin(51\pi/12500))/40, - (25\pi \cos(39\pi/80) \cos(41\pi/10000))/8 -$   
 $(\pi \sin(39\pi/80) \sin(41\pi/10000))/40, - (25\pi \cos(97\pi/200) \cos(103\pi/25000))/8 -$   
 $(\pi \sin(97\pi/200) \sin(103\pi/25000))/40, - (25\pi \cos(193\pi/400) \cos(207\pi/50000))/8 -$   
 $(\pi \sin(193\pi/400) \sin(207\pi/50000))/40, - (25\pi \cos(12\pi/25) \cos(13\pi/3125))/8 -$   
 $(\pi \sin(12\pi/25) \sin(13\pi/3125))/40, - (25\pi \cos(191\pi/400) \cos(209\pi/50000))/8 -$   
 $(\pi \sin(191\pi/400) \sin(209\pi/50000))/40, - (25\pi \cos(19\pi/40) \cos(21\pi/5000))/8 -$   
 $(\pi \sin(19\pi/40) \sin(21\pi/5000))/40, - (25\pi \cos(189\pi/400) \cos(211\pi/50000))/8 -$   
 $(\pi \sin(189\pi/400) \sin(211\pi/50000))/40, - (25\pi \cos(47\pi/100) \cos(53\pi/12500))/8 -$   
 $(\pi \sin(47\pi/100) \sin(53\pi/12500))/40, - (25\pi \cos(187\pi/400) \cos(213\pi/50000))/8 -$   
 $(\pi \sin(187\pi/400) \sin(213\pi/50000))/40, - (25\pi \cos(93\pi/200) \cos(107\pi/25000))/8 -$   
 $(\pi \sin(93\pi/200) \sin(107\pi/25000))/40, - (25\pi \cos(37\pi/80) \cos(43\pi/10000))/8 -$   
 $(\pi \sin(37\pi/80) \sin(43\pi/10000))/40, - (25\pi \cos(23\pi/50) \cos(27\pi/6250))/8 -$   
 $(\pi \sin(23\pi/50) \sin(27\pi/6250))/40, - (25\pi \cos(183\pi/400) \cos(217\pi/50000))/8 -$   
 $(\pi \sin(183\pi/400) \sin(217\pi/50000))/40, - (25\pi \cos(91\pi/200) \cos(109\pi/25000))/8 -$   
 $(\pi \sin(91\pi/200) \sin(109\pi/25000))/40, - (25\pi \cos(181\pi/400) \cos(219\pi/50000))/8 -$   
 $(\pi \sin(181\pi/400) \sin(219\pi/50000))/40, - (25\pi \cos(9\pi/20) \cos(11\pi/2500))/8 -$   
 $(\pi \sin(9\pi/20) \sin(11\pi/2500))/40, - (25\pi \cos(179\pi/400) \cos(221\pi/50000))/8 -$   
 $(\pi \sin(179\pi/400) \sin(221\pi/50000))/40, - (25\pi \cos(89\pi/200) \cos(111\pi/25000))/8 -$   
 $(\pi \sin(89\pi/200) \sin(111\pi/25000))/40, - (25\pi \cos(177\pi/400) \cos(223\pi/50000))/8 -$   
 $(\pi \sin(177\pi/400) \sin(223\pi/50000))/40, - (25\pi \cos(11\pi/25) \cos(14\pi/3125))/8 -$   
 $(\pi \sin(11\pi/25) \sin(14\pi/3125))/40, - (25\pi \cos(7\pi/16) \cos(9\pi/2000))/8 -$



$$\begin{aligned}
& (\pi \sin((7\pi)/16) \sin((9\pi)/2000))/40, - (25\pi \cos((87\pi)/200) \cos((113\pi)/25000))/8 - \\
& (\pi \sin((87\pi)/200) \sin((113\pi)/25000))/40, - (25\pi \cos((173\pi)/400) \cos((227\pi)/50000))/8 - \\
& (\pi \sin((173\pi)/400) \sin((227\pi)/50000))/40, - (25\pi \cos((43\pi)/100) \cos((57\pi)/12500))/8 - \\
& (\pi \sin((43\pi)/100) \sin((57\pi)/12500))/40, - (25\pi \cos((171\pi)/400) \cos((229\pi)/50000))/8 - \\
& (\pi \sin((171\pi)/400) \sin((229\pi)/50000))/40, - (25\pi \cos((17\pi)/40) \cos((23\pi)/5000))/8 - \\
& (\pi \sin((17\pi)/40) \sin((23\pi)/5000))/40, - (25\pi \cos((169\pi)/400) \cos((231\pi)/50000))/8 - \\
& (\pi \sin((169\pi)/400) \sin((231\pi)/50000))/40, - (25\pi \cos((21\pi)/50) \cos((29\pi)/6250))/8 - \\
& (\pi \sin((21\pi)/50) \sin((29\pi)/6250))/40, - (25\pi \cos((167\pi)/400) \cos((233\pi)/50000))/8 - \\
& (\pi \sin((167\pi)/400) \sin((233\pi)/50000))/40, - (25\pi \cos((83\pi)/200) \cos((117\pi)/25000))/8 - \\
& (\pi \sin((83\pi)/200) \sin((117\pi)/25000))/40, - (25\pi \cos((33\pi)/80) \cos((47\pi)/10000))/8 - \\
& (\pi \sin((33\pi)/80) \sin((47\pi)/10000))/40, - (25\pi \cos((41\pi)/100) \cos((59\pi)/12500))/8 - \\
& (\pi \sin((41\pi)/100) \sin((59\pi)/12500))/40, - (25\pi \cos((163\pi)/400) \cos((237\pi)/50000))/8 - \\
& (\pi \sin((163\pi)/400) \sin((237\pi)/50000))/40, - (25\pi \cos((81\pi)/200) \cos((119\pi)/25000))/8 - \\
& (\pi \sin((81\pi)/200) \sin((119\pi)/25000))/40, - (25\pi \cos((161\pi)/400) \cos((239\pi)/50000))/8 - \\
& (\pi \sin((161\pi)/400) \sin((239\pi)/50000))/40, - (25\pi \cos((3\pi)/625) * (5^{1/2}/4 - 1/4))/8 - \\
& (2^{1/2} * \pi \sin((3\pi)/625) * (5^{1/2} + 5)^{1/2})/160, - \\
& (25\pi \cos((159\pi)/400) \cos((241\pi)/50000))/8 - (\pi \sin((159\pi)/400) \sin((241\pi)/50000))/40, - \\
& (25\pi \cos((79\pi)/200) \cos((121\pi)/25000))/8 - (\pi \sin((79\pi)/200) \sin((121\pi)/25000))/40, - \\
& (25\pi \cos((157\pi)/400) \cos((243\pi)/50000))/8 - (\pi \sin((157\pi)/400) \sin((243\pi)/50000))/40, - \\
& (25\pi \cos((39\pi)/100) \cos((61\pi)/12500))/8 - (\pi \sin((39\pi)/100) \sin((61\pi)/12500))/40, - \\
& (25\pi \cos((31\pi)/80) \cos((49\pi)/10000))/8 - (\pi \sin((31\pi)/80) \sin((49\pi)/10000))/40, - \\
& (25\pi \cos((77\pi)/200) \cos((123\pi)/25000))/8 - (\pi \sin((77\pi)/200) \sin((123\pi)/25000))/40, - \\
& (25\pi \cos((153\pi)/400) \cos((247\pi)/50000))/8 - (\pi \sin((153\pi)/400) \sin((247\pi)/50000))/40, - \\
& (25\pi \cos((19\pi)/50) \cos((31\pi)/6250))/8 - (\pi \sin((19\pi)/50) \sin((31\pi)/6250))/40, - \\
& (25\pi \cos((151\pi)/400) \cos((249\pi)/50000))/8 - (\pi \sin((151\pi)/400) \sin((249\pi)/50000))/40, - \\
& (25\pi \cos(\pi/200) * (2 - 2^{1/2})^{1/2})/16 - (\pi \sin(\pi/200) * (2^{1/2} + 2)^{1/2})/80, - \\
& (25\pi \cos((149\pi)/400) \cos((251\pi)/50000))/8 - (\pi \sin((149\pi)/400) \sin((251\pi)/50000))/40, - \\
& (25\pi \cos((37\pi)/100) \cos((63\pi)/12500))/8 - (\pi \sin((37\pi)/100) \sin((63\pi)/12500))/40, - \\
& (25\pi \cos((147\pi)/400) \cos((253\pi)/50000))/8 - (\pi \sin((147\pi)/400) \sin((253\pi)/50000))/40, - \\
& (25\pi \cos((73\pi)/200) \cos((127\pi)/25000))/8 - (\pi \sin((73\pi)/200) \sin((127\pi)/25000))/40, - \\
& (25\pi \cos((29\pi)/80) \cos((51\pi)/10000))/8 - (\pi \sin((29\pi)/80) \sin((51\pi)/10000))/40, - \\
& (25\pi \cos((9\pi)/25) \cos((16\pi)/3125))/8 - (\pi \sin((9\pi)/25) \sin((16\pi)/3125))/40, - \\
& (25\pi \cos((143\pi)/400) \cos((257\pi)/50000))/8 - (\pi \sin((143\pi)/400) \sin((257\pi)/50000))/40, - \\
& (25\pi \cos((71\pi)/200) \cos((129\pi)/25000))/8 - (\pi \sin((71\pi)/200) \sin((129\pi)/25000))/40, - \\
& (25\pi \cos((141\pi)/400) \cos((259\pi)/50000))/8 - (\pi \sin((141\pi)/400) \sin((259\pi)/50000))/40, - \\
& (25\pi \cos((7\pi)/20) \cos((13\pi)/2500))/8 - (\pi \sin((7\pi)/20) \sin((13\pi)/2500))/40, - \\
& (25\pi \cos((139\pi)/400) \cos((261\pi)/50000))/8 - (\pi \sin((139\pi)/400) \sin((261\pi)/50000))/40, - \\
& (25\pi \cos((69\pi)/200) \cos((131\pi)/25000))/8 - (\pi \sin((69\pi)/200) \sin((131\pi)/25000))/40, - \\
& (25\pi \cos((137\pi)/400) \cos((263\pi)/50000))/8 - (\pi \sin((137\pi)/400) \sin((263\pi)/50000))/40, - \\
& (25\pi \cos((17\pi)/50) \cos((33\pi)/6250))/8 - (\pi \sin((17\pi)/50) \sin((33\pi)/6250))/40, - \\
& (25\pi \cos((27\pi)/80) \cos((53\pi)/10000))/8 - (\pi \sin((27\pi)/80) \sin((53\pi)/10000))/40, - \\
& (25\pi \cos((67\pi)/200) \cos((133\pi)/25000))/8 - (\pi \sin((67\pi)/200) \sin((133\pi)/25000))/40, - \\
& (25\pi \cos((133\pi)/400) \cos((267\pi)/50000))/8 - (\pi \sin((133\pi)/400) \sin((267\pi)/50000))/40, - \\
& (25\pi \cos((33\pi)/100) \cos((67\pi)/12500))/8 - (\pi \sin((33\pi)/100) \sin((67\pi)/12500))/40, - \\
& (25\pi \cos((131\pi)/400) \cos((269\pi)/50000))/8 - (\pi \sin((131\pi)/400) \sin((269\pi)/50000))/40, -
\end{aligned}$$

$$\begin{aligned}
& (25\pi \cos((13\pi)/40) \cos((27\pi)/5000))/8 - (\pi \sin((13\pi)/40) \sin((27\pi)/5000))/40, - \\
& (25\pi \cos((129\pi)/400) \cos((271\pi)/50000))/8 - (\pi \sin((129\pi)/400) \sin((271\pi)/50000))/40, - \\
& (25\pi \cos((8\pi)/25) \cos((17\pi)/3125))/8 - (\pi \sin((8\pi)/25) \sin((17\pi)/3125))/40, - \\
& (25\pi \cos((127\pi)/400) \cos((273\pi)/50000))/8 - (\pi \sin((127\pi)/400) \sin((273\pi)/50000))/40, - \\
& (25\pi \cos((63\pi)/200) \cos((137\pi)/25000))/8 - (\pi \sin((63\pi)/200) \sin((137\pi)/25000))/40, - \\
& (25\pi \cos((5\pi)/16) \cos((11\pi)/2000))/8 - (\pi \sin((5\pi)/16) \sin((11\pi)/2000))/40, - \\
& (25\pi \cos((31\pi)/100) \cos((69\pi)/12500))/8 - (\pi \sin((31\pi)/100) \sin((69\pi)/12500))/40, - \\
& (25\pi \cos((123\pi)/400) \cos((277\pi)/50000))/8 - (\pi \sin((123\pi)/400) \sin((277\pi)/50000))/40, - \\
& (25\pi \cos((61\pi)/200) \cos((139\pi)/25000))/8 - (\pi \sin((61\pi)/200) \sin((139\pi)/25000))/40, - \\
& (25\pi \cos((121\pi)/400) \cos((279\pi)/50000))/8 - (\pi \sin((121\pi)/400) \sin((279\pi)/50000))/40, - \\
& (\pi \sin((7\pi)/1250) (5^{1/2}/4 + 1/4))/40 - (25 \cdot 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 - \\
& (\pi \sin((119\pi)/400) \sin((281\pi)/50000))/40, - (25\pi \cos((59\pi)/200) \cos((141\pi)/25000))/8 - \\
& (\pi \sin((59\pi)/200) \sin((141\pi)/25000))/40, - (25\pi \cos((117\pi)/400) \cos((283\pi)/50000))/8 - \\
& (\pi \sin((117\pi)/400) \sin((283\pi)/50000))/40, - (25\pi \cos((29\pi)/100) \cos((71\pi)/12500))/8 - \\
& (\pi \sin((29\pi)/100) \sin((71\pi)/12500))/40, - (25\pi \cos((23\pi)/80) \cos((57\pi)/10000))/8 - \\
& (\pi \sin((23\pi)/80) \sin((57\pi)/10000))/40, - (25\pi \cos((57\pi)/200) \cos((143\pi)/25000))/8 - \\
& (\pi \sin((57\pi)/200) \sin((143\pi)/25000))/40, - (25\pi \cos((113\pi)/400) \cos((287\pi)/50000))/8 - \\
& (\pi \sin((113\pi)/400) \sin((287\pi)/50000))/40, - (25\pi \cos((7\pi)/25) \cos((18\pi)/3125))/8 - \\
& (\pi \sin((7\pi)/25) \sin((18\pi)/3125))/40, - (25\pi \cos((111\pi)/400) \cos((289\pi)/50000))/8 - \\
& (\pi \sin((111\pi)/400) \sin((289\pi)/50000))/40, - (25\pi \cos((11\pi)/40) \cos((29\pi)/5000))/8 - \\
& (\pi \sin((11\pi)/40) \sin((29\pi)/5000))/40, - (25\pi \cos((109\pi)/400) \cos((291\pi)/50000))/8 - \\
& (\pi \sin((109\pi)/400) \sin((291\pi)/50000))/40, - (25\pi \cos((27\pi)/100) \cos((73\pi)/12500))/8 - \\
& (\pi \sin((27\pi)/100) \sin((73\pi)/12500))/40, - (25\pi \cos((107\pi)/400) \cos((293\pi)/50000))/8 - \\
& (\pi \sin((107\pi)/400) \sin((293\pi)/50000))/40, - (25\pi \cos((53\pi)/200) \cos((147\pi)/25000))/8 - \\
& (\pi \sin((53\pi)/200) \sin((147\pi)/25000))/40, - (25\pi \cos((21\pi)/80) \cos((59\pi)/10000))/8 - \\
& (\pi \sin((21\pi)/80) \sin((59\pi)/10000))/40, - (25\pi \cos((13\pi)/50) \cos((37\pi)/6250))/8 - \\
& (\pi \sin((13\pi)/50) \sin((37\pi)/6250))/40, - (25\pi \cos((103\pi)/400) \cos((297\pi)/50000))/8 - \\
& (\pi \sin((103\pi)/400) \sin((297\pi)/50000))/40, - (25\pi \cos((51\pi)/200) \cos((149\pi)/25000))/8 - \\
& (\pi \sin((51\pi)/200) \sin((149\pi)/25000))/40, - (25\pi \cos((101\pi)/400) \cos((299\pi)/50000))/8 - \\
& (\pi \sin((101\pi)/400) \sin((299\pi)/50000))/40, - (25 \cdot 2^{1/2} \pi \cos((3\pi)/500))/16 - \\
& (2^{1/2} \pi \sin((3\pi)/500))/80, - (25\pi \cos((99\pi)/400) \cos((301\pi)/50000))/8 - \\
& (\pi \sin((99\pi)/400) \sin((301\pi)/50000))/40, - (25\pi \cos((49\pi)/200) \cos((151\pi)/25000))/8 - \\
& (\pi \sin((49\pi)/200) \sin((151\pi)/25000))/40, - (25\pi \cos((97\pi)/400) \cos((303\pi)/50000))/8 - \\
& (\pi \sin((97\pi)/400) \sin((303\pi)/50000))/40, - (25\pi \cos((6\pi)/25) \cos((19\pi)/3125))/8 - \\
& (\pi \sin((6\pi)/25) \sin((19\pi)/3125))/40, - (25\pi \cos((19\pi)/80) \cos((61\pi)/10000))/8 - \\
& (\pi \sin((19\pi)/80) \sin((61\pi)/10000))/40, - (25\pi \cos((47\pi)/200) \cos((153\pi)/25000))/8 - \\
& (\pi \sin((47\pi)/200) \sin((153\pi)/25000))/40, - (25\pi \cos((93\pi)/400) \cos((307\pi)/50000))/8 - \\
& (\pi \sin((93\pi)/400) \sin((307\pi)/50000))/40, - (25\pi \cos((23\pi)/100) \cos((77\pi)/12500))/8 - \\
& (\pi \sin((23\pi)/100) \sin((77\pi)/12500))/40, - (25\pi \cos((91\pi)/400) \cos((309\pi)/50000))/8 - \\
& (\pi \sin((91\pi)/400) \sin((309\pi)/50000))/40, - (25\pi \cos((9\pi)/40) \cos((31\pi)/5000))/8 - \\
& (\pi \sin((9\pi)/40) \sin((31\pi)/5000))/40, - (25\pi \cos((89\pi)/400) \cos((311\pi)/50000))/8 - \\
& (\pi \sin((89\pi)/400) \sin((311\pi)/50000))/40, - (25\pi \cos((11\pi)/50) \cos((39\pi)/6250))/8 - \\
& (\pi \sin((11\pi)/50) \sin((39\pi)/6250))/40, - (25\pi \cos((87\pi)/400) \cos((313\pi)/50000))/8 - \\
& (\pi \sin((87\pi)/400) \sin((313\pi)/50000))/40, - (25\pi \cos((43\pi)/200) \cos((157\pi)/25000))/8 -
\end{aligned}$$

$(\pi \sin((43 \cdot \pi)/200) \sin((157 \cdot \pi)/25000))/40, - (25 \pi \cos((17 \cdot \pi)/80) \cos((63 \cdot \pi)/10000))/8 -$   
 $(\pi \sin((17 \cdot \pi)/80) \sin((63 \cdot \pi)/10000))/40, - (25 \pi \cos((21 \cdot \pi)/100) \cos((79 \cdot \pi)/12500))/8 -$   
 $(\pi \sin((21 \cdot \pi)/100) \sin((79 \cdot \pi)/12500))/40, - (25 \pi \cos((83 \cdot \pi)/400) \cos((317 \cdot \pi)/50000))/8 -$   
 $(\pi \sin((83 \cdot \pi)/400) \sin((317 \cdot \pi)/50000))/40, - (25 \pi \cos((41 \cdot \pi)/200) \cos((159 \cdot \pi)/25000))/8 -$   
 $(\pi \sin((41 \cdot \pi)/200) \sin((159 \cdot \pi)/25000))/40, - (25 \pi \cos((81 \cdot \pi)/400) \cos((319 \cdot \pi)/50000))/8 -$   
 $(\pi \sin((81 \cdot \pi)/400) \sin((319 \cdot \pi)/50000))/40, - (25 \pi \cos((4 \cdot \pi)/625) (5^{1/2})^4 + 1/4)/8 -$   
 $(2^{1/2} \pi \sin((4 \cdot \pi)/625) (5 - 5^{1/2})^{1/2})/160, -$   
 $(25 \pi \cos((79 \cdot \pi)/400) \cos((321 \cdot \pi)/50000))/8 - (\pi \sin((79 \cdot \pi)/400) \sin((321 \cdot \pi)/50000))/40, -$   
 $(25 \pi \cos((39 \cdot \pi)/200) \cos((161 \cdot \pi)/25000))/8 - (\pi \sin((39 \cdot \pi)/200) \sin((161 \cdot \pi)/25000))/40, -$   
 $(25 \pi \cos((77 \cdot \pi)/400) \cos((323 \cdot \pi)/50000))/8 - (\pi \sin((77 \cdot \pi)/400) \sin((323 \cdot \pi)/50000))/40, -$   
 $(25 \pi \cos((19 \cdot \pi)/100) \cos((81 \cdot \pi)/12500))/8 - (\pi \sin((19 \cdot \pi)/100) \sin((81 \cdot \pi)/12500))/40, -$   
 $(25 \pi \cos((3 \cdot \pi)/16) \cos((13 \cdot \pi)/2000))/8 - (\pi \sin((3 \cdot \pi)/16) \sin((13 \cdot \pi)/2000))/40, -$   
 $(25 \pi \cos((37 \cdot \pi)/200) \cos((163 \cdot \pi)/25000))/8 - (\pi \sin((37 \cdot \pi)/200) \sin((163 \cdot \pi)/25000))/40, -$   
 $(25 \pi \cos((73 \cdot \pi)/400) \cos((327 \cdot \pi)/50000))/8 - (\pi \sin((73 \cdot \pi)/400) \sin((327 \cdot \pi)/50000))/40, -$   
 $(25 \pi \cos((9 \cdot \pi)/50) \cos((41 \cdot \pi)/6250))/8 - (\pi \sin((9 \cdot \pi)/50) \sin((41 \cdot \pi)/6250))/40, -$   
 $(25 \pi \cos((71 \cdot \pi)/400) \cos((329 \cdot \pi)/50000))/8 - (\pi \sin((71 \cdot \pi)/400) \sin((329 \cdot \pi)/50000))/40, -$   
 $(25 \pi \cos((7 \cdot \pi)/40) \cos((33 \cdot \pi)/5000))/8 - (\pi \sin((7 \cdot \pi)/40) \sin((33 \cdot \pi)/5000))/40, -$   
 $(25 \pi \cos((69 \cdot \pi)/400) \cos((331 \cdot \pi)/50000))/8 - (\pi \sin((69 \cdot \pi)/400) \sin((331 \cdot \pi)/50000))/40, -$   
 $(25 \pi \cos((17 \cdot \pi)/100) \cos((83 \cdot \pi)/12500))/8 - (\pi \sin((17 \cdot \pi)/100) \sin((83 \cdot \pi)/12500))/40, -$   
 $(25 \pi \cos((67 \cdot \pi)/400) \cos((333 \cdot \pi)/50000))/8 - (\pi \sin((67 \cdot \pi)/400) \sin((333 \cdot \pi)/50000))/40, -$   
 $(25 \pi \cos((33 \cdot \pi)/200) \cos((167 \cdot \pi)/25000))/8 - (\pi \sin((33 \cdot \pi)/200) \sin((167 \cdot \pi)/25000))/40, -$   
 $(25 \pi \cos((13 \cdot \pi)/80) \cos((67 \cdot \pi)/10000))/8 - (\pi \sin((13 \cdot \pi)/80) \sin((67 \cdot \pi)/10000))/40, -$   
 $(25 \pi \cos((4 \cdot \pi)/25) \cos((21 \cdot \pi)/3125))/8 - (\pi \sin((4 \cdot \pi)/25) \sin((21 \cdot \pi)/3125))/40, -$   
 $(25 \pi \cos((63 \cdot \pi)/400) \cos((337 \cdot \pi)/50000))/8 - (\pi \sin((63 \cdot \pi)/400) \sin((337 \cdot \pi)/50000))/40, -$   
 $(25 \pi \cos((31 \cdot \pi)/200) \cos((169 \cdot \pi)/25000))/8 - (\pi \sin((31 \cdot \pi)/200) \sin((169 \cdot \pi)/25000))/40, -$   
 $(25 \pi \cos((61 \cdot \pi)/400) \cos((339 \cdot \pi)/50000))/8 - (\pi \sin((61 \cdot \pi)/400) \sin((339 \cdot \pi)/50000))/40, -$   
 $(25 \pi \cos((3 \cdot \pi)/20) \cos((17 \cdot \pi)/2500))/8 - (\pi \sin((3 \cdot \pi)/20) \sin((17 \cdot \pi)/2500))/40, -$   
 $(25 \pi \cos((59 \cdot \pi)/400) \cos((341 \cdot \pi)/50000))/8 - (\pi \sin((59 \cdot \pi)/400) \sin((341 \cdot \pi)/50000))/40, -$   
 $(25 \pi \cos((29 \cdot \pi)/200) \cos((171 \cdot \pi)/25000))/8 - (\pi \sin((29 \cdot \pi)/200) \sin((171 \cdot \pi)/25000))/40, -$   
 $(25 \pi \cos((57 \cdot \pi)/400) \cos((343 \cdot \pi)/50000))/8 - (\pi \sin((57 \cdot \pi)/400) \sin((343 \cdot \pi)/50000))/40, -$   
 $(25 \pi \cos((7 \cdot \pi)/50) \cos((43 \cdot \pi)/6250))/8 - (\pi \sin((7 \cdot \pi)/50) \sin((43 \cdot \pi)/6250))/40, -$   
 $(25 \pi \cos((11 \cdot \pi)/80) \cos((69 \cdot \pi)/10000))/8 - (\pi \sin((11 \cdot \pi)/80) \sin((69 \cdot \pi)/10000))/40, -$   
 $(25 \pi \cos((27 \cdot \pi)/200) \cos((173 \cdot \pi)/25000))/8 - (\pi \sin((27 \cdot \pi)/200) \sin((173 \cdot \pi)/25000))/40, -$   
 $(25 \pi \cos((53 \cdot \pi)/400) \cos((347 \cdot \pi)/50000))/8 - (\pi \sin((53 \cdot \pi)/400) \sin((347 \cdot \pi)/50000))/40, -$   
 $(25 \pi \cos((13 \cdot \pi)/100) \cos((87 \cdot \pi)/12500))/8 - (\pi \sin((13 \cdot \pi)/100) \sin((87 \cdot \pi)/12500))/40, -$   
 $(25 \pi \cos((51 \cdot \pi)/400) \cos((349 \cdot \pi)/50000))/8 - (\pi \sin((51 \cdot \pi)/400) \sin((349 \cdot \pi)/50000))/40, -$   
 $(\pi \sin((7 \cdot \pi)/1000) (2 - 2^{1/2})^{1/2})/80 - (25 \pi \cos((7 \cdot \pi)/1000) (2^{1/2} + 2)^{1/2})/16, -$   
 $(25 \pi \cos((49 \cdot \pi)/400) \cos((351 \cdot \pi)/50000))/8 - (\pi \sin((49 \cdot \pi)/400) \sin((351 \cdot \pi)/50000))/40, -$   
 $(25 \pi \cos((3 \cdot \pi)/25) \cos((22 \cdot \pi)/3125))/8 - (\pi \sin((3 \cdot \pi)/25) \sin((22 \cdot \pi)/3125))/40, -$   
 $(25 \pi \cos((47 \cdot \pi)/400) \cos((353 \cdot \pi)/50000))...$  Output truncated. Text exceeds maximum line length for Command Window display.

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