ABBEY FLOURISH OBARI-AKASE

16/ENG04/001

ELECTRICAL/ELECTRONICS ENGINEERING

```
commandwindow
clear
clc
syms t
Qt=0.25*sin(25*pi*t)
tn=[0:0.0001:0.35]
s=subs(Qt,tn)
I=s./tn
figure (1)
plot(tn,I,'r')
xlabel('time(s)')
ylabel('variable')
axis tight
grid on
grid minor

Vt=0.5*cos(0.2*pi*t)
r=subs(Vt,tn)
P=I.*r
figure (2)
plot(tn,P,'b')
xlabel('time(s)')
ylabel('variable')
axis tight
grid on
grid minor

figure (3)
plot(tn,I,'r',tn,P,'b')
axis tight
xlabel('time(s)')
ylabel('variable')
axis tight
grid on
grid minor
legend('current(A)','power(w)')
```

COMMANDWINDOW SOLUTION

Qt =

sin(25*pi*t)/4

```
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
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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


s =

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sin(pi/40)/4, sin((11*pi)/400)/4, sin((3*pi)/100)/4,
sin((13*pi)/400)/4, sin((7*pi)/200)/4, sin((3*pi)/80)/4,
sin(pi/25)/4, sin((17*pi)/400)/4, sin((9*pi)/200)/4,
sin((19*pi)/400)/4, sin(pi/20)/4, sin((21*pi)/400)/4,
sin((11*pi)/200)/4, sin((23*pi)/400)/4, sin((3*pi)/50)/4,
sin(pi/16)/4, sin((13*pi)/200)/4, sin((27*pi)/400)/4,
sin((7*pi)/100)/4, sin((29*pi)/400)/4, sin((3*pi)/40)/4,
sin((31*pi)/400)/4, sin((2*pi)/25)/4, sin((33*pi)/400)/4,
sin((17*pi)/200)/4, sin((7*pi)/80)/4, sin((9*pi)/100)/4,
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5^(1/2)/16 - 1/16, sin((41*pi)/400)/4, sin((21*pi)/200)/4,
sin((43*pi)/400)/4, sin((11*pi)/100)/4, sin((9*pi)/80)/4,
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sin((11*pi)/80)/4, sin((7*pi)/50)/4, sin((57*pi)/400)/4,
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sin((61*pi)/400)/4, sin((31*pi)/200)/4, sin((63*pi)/400)/4,
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sin((7*pi)/40)/4, sin((71*pi)/400)/4, sin((9*pi)/50)/4,
sin((73*pi)/400)/4, sin((37*pi)/200)/4, sin((3*pi)/16)/4,
sin((19*pi)/100)/4, sin((77*pi)/400)/4, sin((39*pi)/200)/4,
sin((79*pi)/400)/4, (2^(1/2)*(5 - 5^(1/2))^(1/2))/16,
sin((81*pi)/400)/4, sin((41*pi)/200)/4, sin((83*pi)/400)/4,
```

sin((21*pi)/100)/4, sin((17*pi)/80)/4, sin((43*pi)/200)/4,
sin((87*pi)/400)/4, sin((11*pi)/50)/4, sin((89*pi)/400)/4,
sin((9*pi)/40)/4, sin((91*pi)/400)/4, sin((23*pi)/100)/4,
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sin((27*pi)/80)/4, sin((17*pi)/50)/4, sin((137*pi)/400)/4,
sin((69*pi)/200)/4, sin((139*pi)/400)/4, sin((7*pi)/20)/4,
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5^(1/2)/16 - 1/16, sin((39*pi)/400)/4, sin((19*pi)/200)/4,

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sin((7*pi)/100)/4, -sin((29*pi)/400)/4, -sin((3*pi)/40)/4, -
sin((31*pi)/400)/4, -sin((2*pi)/25)/4, -sin((33*pi)/400)/4, -
sin((17*pi)/200)/4, -sin((7*pi)/80)/4, -sin((9*pi)/100)/4, -
sin((37*pi)/400)/4, -sin((19*pi)/200)/4, -sin((39*pi)/400)/4,
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sin((23*pi)/200)/4, -sin((47*pi)/400)/4, -sin((3*pi)/25)/4, -
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sin((4*pi)/25)/4, -sin((13*pi)/80)/4, -sin((33*pi)/200)/4, -
sin((67*pi)/400)/4, -sin((17*pi)/100)/4, -sin((69*pi)/400)/4, -
sin((7*pi)/40)/4, -sin((71*pi)/400)/4, -sin((9*pi)/50)/4, -
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sin((19*pi)/100)/4, -sin((77*pi)/400)/4, -sin((39*pi)/200)/4, -
sin((79*pi)/400)/4, -(2^(1/2)*(5 - 5^(1/2))^(1/2))/16, -
sin((81*pi)/400)/4, -sin((41*pi)/200)/4, -sin((83*pi)/400)/4, -
sin((21*pi)/100)/4, -sin((17*pi)/80)/4, -sin((43*pi)/200)/4, -
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sin((9*pi)/40)/4, -sin((91*pi)/400)/4, -sin((23*pi)/100)/4, -
sin((93*pi)/400)/4, -sin((47*pi)/200)/4, -sin((19*pi)/80)/4, -
sin((6*pi)/25)/4, -sin((97*pi)/400)/4, -sin((49*pi)/200)/4, -
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sin((51*pi)/200)/4, -sin((103*pi)/400)/4, -sin((13*pi)/50)/4, -
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sin((57*pi)/200)/4, -sin((23*pi)/80)/4, -sin((29*pi)/100)/4, -
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- 5^(1/2)/16 - 1/16, -sin((121*pi)/400)/4, -sin((61*pi)/200)/4,
-sin((123*pi)/400)/4, -sin((31*pi)/100)/4, -sin((5*pi)/16)/4, -
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sin((21*pi)/50)/4, -sin((167*pi)/400)/4, -sin((83*pi)/200)/4, -
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sin((149*pi)/400)/4, -sin((37*pi)/100)/4, -sin((147*pi)/400)/4,
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sin((61*pi)/200)/4, -sin((121*pi)/400)/4, - 5^(1/2)/16 - 1/16, -
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sin((21*pi)/400)/4, -sin(pi/20)/4, -sin((19*pi)/400)/4, -
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sin((23*pi)/80)/4, sin((29*pi)/100)/4, sin((117*pi)/400)/4,
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sin((163*pi)/400)/4, sin((81*pi)/200)/4, sin((161*pi)/400)/4,
(2^(1/2)*(5^(1/2) + 5)^(1/2))/16, sin((159*pi)/400)/4,
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sin((8*pi)/25)/4, sin((127*pi)/400)/4, sin((63*pi)/200)/4,
sin((5*pi)/16)/4, sin((31*pi)/100)/4, sin((123*pi)/400)/4,
sin((61*pi)/200)/4, sin((121*pi)/400)/4, 5^(1/2)/16 + 1/16,
sin((119*pi)/400)/4, sin((59*pi)/200)/4, sin((117*pi)/400)/4,
sin((29*pi)/100)/4, sin((23*pi)/80)/4, sin((57*pi)/200)/4,
sin((113*pi)/400)/4, sin((7*pi)/25)/4, sin((111*pi)/400)/4,
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sin((83*pi)/400)/4, sin((41*pi)/200)/4, sin((81*pi)/400)/4,
(2^(1/2)*(5 - 5^(1/2))^(1/2))/16, sin((79*pi)/400)/4,
sin((39*pi)/200)/4, sin((77*pi)/400)/4, sin((19*pi)/100)/4,
sin((3*pi)/16)/4, sin((37*pi)/200)/4, sin((73*pi)/400)/4,
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sin((9*pi)/80)/4, sin((11*pi)/100)/4, sin((43*pi)/400)/4,
sin((21*pi)/200)/4, sin((41*pi)/400)/4, 5^(1/2)/16 - 1/16,
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sin((21*pi)/400)/4, sin(pi/20)/4, sin((19*pi)/400)/4,
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sin((9*pi)/400)/4, sin(pi/50)/4, sin((7*pi)/400)/4,
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sin(pi/25)/4, -sin((17*pi)/400)/4, -sin((9*pi)/200)/4, -
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sin((17*pi)/400)/4, sin((9*pi)/200)/4, sin((19*pi)/400)/4,
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sin((29*pi)/400)/4, sin((3*pi)/40)/4, sin((31*pi)/400)/4,
sin((2*pi)/25)/4, sin((33*pi)/400)/4, sin((17*pi)/200)/4, ...
Output truncated. Text exceeds maximum line length for Command
Window display.

I =

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(625*sin(pi/50))/2, (2500*sin((9*pi)/400))/9, 250*sin(pi/40),
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(2500*sin((13*pi)/400))/13, (1250*sin((7*pi)/200))/7,
(500*sin((3*pi)/80))/3, (625*sin(pi/25))/4,
(2500*sin((17*pi)/400))/17, (1250*sin((9*pi)/200))/9,
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(2500*sin((27*pi)/400))/27, (625*sin((7*pi)/100))/7,
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(2500*sin((39*pi)/400))/39, (125*5^(1/2))/8 - 125/8,
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(2500*sin((43*pi)/400))/43, (625*sin((11*pi)/100))/11,
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(1250*sin((69*pi)/200))/69, (2500*sin((139*pi)/400))/139,
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(1250*sin((71*pi)/200))/71, (2500*sin((143*pi)/400))/143,
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(1250*sin((79*pi)/200))/79, (2500*sin((159*pi)/400))/159,
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(2500*sin((169*pi)/400))/169, (250*sin((17*pi)/40))/17,

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(2500*sin((171*pi)/400))/171, (625*sin((43*pi)/100))/43,
(2500*sin((173*pi)/400))/173, (1250*sin((87*pi)/200))/87,
(100*sin((7*pi)/16))/7, (625*sin((11*pi)/25))/44,
(2500*sin((177*pi)/400))/177, (1250*sin((89*pi)/200))/89,
(2500*sin((179*pi)/400))/179, (125*sin((9*pi)/20))/9,
(2500*sin((181*pi)/400))/181, (1250*sin((91*pi)/200))/91,
(2500*sin((183*pi)/400))/183, (625*sin((23*pi)/50))/46,
(500*sin((37*pi)/80))/37, (1250*sin((93*pi)/200))/93,
(2500*sin((187*pi)/400))/187, (625*sin((47*pi)/100))/47,
(2500*sin((189*pi)/400))/189, (250*sin((19*pi)/40))/19,
(2500*sin((191*pi)/400))/191, (625*sin((12*pi)/25))/48,
(2500*sin((193*pi)/400))/193, (1250*sin((97*pi)/200))/97,
(500*sin((39*pi)/80))/39, (625*sin((49*pi)/100))/49,
(2500*sin((197*pi)/400))/197, (1250*sin((99*pi)/200))/99,
(2500*sin((199*pi)/400))/199, 25/2,
(2500*sin((199*pi)/400))/201, (1250*sin((99*pi)/200))/101,
(2500*sin((197*pi)/400))/203, (625*sin((49*pi)/100))/51,
(500*sin((39*pi)/80))/41, (1250*sin((97*pi)/200))/103,
(2500*sin((193*pi)/400))/207, (625*sin((12*pi)/25))/52,
(2500*sin((191*pi)/400))/209, (250*sin((19*pi)/40))/21,
(2500*sin((189*pi)/400))/211, (625*sin((47*pi)/100))/53,
(2500*sin((187*pi)/400))/213, (1250*sin((93*pi)/200))/107,
(500*sin((37*pi)/80))/43, (625*sin((23*pi)/50))/54,
(2500*sin((183*pi)/400))/217, (1250*sin((91*pi)/200))/109,
(2500*sin((181*pi)/400))/219, (125*sin((9*pi)/20))/11,
(2500*sin((179*pi)/400))/221, (1250*sin((89*pi)/200))/111,
(2500*sin((177*pi)/400))/223, (625*sin((11*pi)/25))/56,
(100*sin((7*pi)/16))/9, (1250*sin((87*pi)/200))/113,
(2500*sin((173*pi)/400))/227, (625*sin((43*pi)/100))/57,
(2500*sin((171*pi)/400))/229, (250*sin((17*pi)/40))/23,
(2500*sin((169*pi)/400))/231, (625*sin((21*pi)/50))/58,
(2500*sin((167*pi)/400))/233, (1250*sin((83*pi)/200))/117,
(500*sin((33*pi)/80))/47, (625*sin((41*pi)/100))/59,
(2500*sin((163*pi)/400))/237, (1250*sin((81*pi)/200))/119,
(2500*sin((161*pi)/400))/239, (125*2^(1/2)*(5^(1/2) +
5)^(1/2))/48, (2500*sin((159*pi)/400))/241,
(1250*sin((79*pi)/200))/121, (2500*sin((157*pi)/400))/243,
(625*sin((39*pi)/100))/61, (500*sin((31*pi)/80))/49,
(1250*sin((77*pi)/200))/123, (2500*sin((153*pi)/400))/247,
(625*sin((19*pi)/50))/62, (2500*sin((151*pi)/400))/249,
5*(2^(1/2) + 2)^(1/2), (2500*sin((149*pi)/400))/251,
(625*sin((37*pi)/100))/63, (2500*sin((147*pi)/400))/253,
(1250*sin((73*pi)/200))/127, (500*sin((29*pi)/80))/51,
(625*sin((9*pi)/25))/64, (2500*sin((143*pi)/400))/257,
(1250*sin((71*pi)/200))/129, (2500*sin((141*pi)/400))/259,
(125*sin((7*pi)/20))/13, (2500*sin((139*pi)/400))/261,
(1250*sin((69*pi)/200))/131, (2500*sin((137*pi)/400))/263,
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(625*sin((17*pi)/50))/66, (500*sin((27*pi)/80))/53,
(1250*sin((67*pi)/200))/133, (2500*sin((133*pi)/400))/267,
(625*sin((33*pi)/100))/67, (2500*sin((131*pi)/400))/269,
(250*sin((13*pi)/40))/27, (2500*sin((129*pi)/400))/271,
(625*sin((8*pi)/25))/68, (2500*sin((127*pi)/400))/273,
(1250*sin((63*pi)/200))/137, (100*sin((5*pi)/16))/11,
(625*sin((31*pi)/100))/69, (2500*sin((123*pi)/400))/277,
(1250*sin((61*pi)/200))/139, (2500*sin((121*pi)/400))/279,
(125*5^(1/2))/56 + 125/56, (2500*sin((119*pi)/400))/281,
(1250*sin((59*pi)/200))/141, (2500*sin((117*pi)/400))/283,
(625*sin((29*pi)/100))/71, (500*sin((23*pi)/80))/57,
(1250*sin((57*pi)/200))/143, (2500*sin((113*pi)/400))/287,
(625*sin((7*pi)/25))/72, (2500*sin((111*pi)/400))/289,
(250*sin((11*pi)/40))/29, (2500*sin((109*pi)/400))/291,
(625*sin((27*pi)/100))/73, (2500*sin((107*pi)/400))/293,
(1250*sin((53*pi)/200))/147, (500*sin((21*pi)/80))/59,
(625*sin((13*pi)/50))/74, (2500*sin((103*pi)/400))/297,
(1250*sin((51*pi)/200))/149, (2500*sin((101*pi)/400))/299,
(25*2^(1/2))/6, (2500*sin((99*pi)/400))/301,
(1250*sin((49*pi)/200))/151, (2500*sin((97*pi)/400))/303,
(625*sin((6*pi)/25))/76, (500*sin((19*pi)/80))/61,
(1250*sin((47*pi)/200))/153, (2500*sin((93*pi)/400))/307,
(625*sin((23*pi)/100))/77, (2500*sin((91*pi)/400))/309,
(250*sin((9*pi)/40))/31, (2500*sin((89*pi)/400))/311,
(625*sin((11*pi)/50))/78, (2500*sin((87*pi)/400))/313,
(1250*sin((43*pi)/200))/157, (500*sin((17*pi)/80))/63,
(625*sin((21*pi)/100))/79, (2500*sin((83*pi)/400))/317,
(1250*sin((41*pi)/200))/159, (2500*sin((81*pi)/400))/319,
(125*2^(1/2)*(5 - 5^(1/2))^(1/2))/64,
(2500*sin((79*pi)/400))/321, (1250*sin((39*pi)/200))/161,
(2500*sin((77*pi)/400))/323, (625*sin((19*pi)/100))/81,
(100*sin((3*pi)/16))/13, (1250*sin((37*pi)/200))/163,
(2500*sin((73*pi)/400))/327, (625*sin((9*pi)/50))/82,
(2500*sin((71*pi)/400))/329, (250*sin((7*pi)/40))/33,
(2500*sin((69*pi)/400))/331, (625*sin((17*pi)/100))/83,
(2500*sin((67*pi)/400))/333, (1250*sin((33*pi)/200))/167,
(500*sin((13*pi)/80))/67, (625*sin((4*pi)/25))/84,
(2500*sin((63*pi)/400))/337, (1250*sin((31*pi)/200))/169,
(2500*sin((61*pi)/400))/339, (125*sin((3*pi)/20))/17,
(2500*sin((59*pi)/400))/341, (1250*sin((29*pi)/200))/171,
(2500*sin((57*pi)/400))/343, (625*sin((7*pi)/50))/86,
(500*sin((11*pi)/80))/69, (1250*sin((27*pi)/200))/173,
(2500*sin((53*pi)/400))/347, (625*sin((13*pi)/100))/87,
(2500*sin((51*pi)/400))/349, (25*(2 - 2^(1/2))^(1/2))/7,
(2500*sin((49*pi)/400))/351, (625*sin((3*pi)/25))/88,
(2500*sin((47*pi)/400))/353, (1250*sin((23*pi)/200))/177,
(500*sin((9*pi)/80))/71, (625*sin((11*pi)/100))/89,

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(2500*sin((43*pi)/400))/357, (1250*sin((21*pi)/200))/179,
(2500*sin((41*pi)/400))/359, (125*5^(1/2))/72 - 125/72,
(2500*sin((39*pi)/400))/361, (1250*sin((19*pi)/200))/181,
(2500*sin((37*pi)/400))/363, (625*sin((9*pi)/100))/91,
(500*sin((7*pi)/80))/73, (1250*sin((17*pi)/200))/183,
(2500*sin((33*pi)/400))/367, (625*sin((2*pi)/25))/92,
(2500*sin((31*pi)/400))/369, (250*sin((3*pi)/40))/37,
(2500*sin((29*pi)/400))/371, (625*sin((7*pi)/100))/93,
(2500*sin((27*pi)/400))/373, (1250*sin((13*pi)/200))/187,
(20*sin(pi/16))/3, (625*sin((3*pi)/50))/94,
(2500*sin((23*pi)/400))/377, (1250*sin((11*pi)/200))/189,
(2500*sin((21*pi)/400))/379, (125*sin(pi/20))/19,
(2500*sin((19*pi)/400))/381, (1250*sin((9*pi)/200))/191,
(2500*sin((17*pi)/400))/383, (625*sin(pi/25))/96,
(500*sin((3*pi)/80))/77, (1250*sin((7*pi)/200))/193,
(2500*sin((13*pi)/400))/387, (625*sin((3*pi)/100))/97,
(2500*sin((11*pi)/400))/389, (250*sin(pi/40))/39,
(2500*sin((9*pi)/400))/391, (625*sin(pi/50))/98,
(2500*sin((7*pi)/400))/393, (1250*sin((3*pi)/200))/197,
(500*sin(pi/80))/79, (625*sin(pi/100))/99,
(2500*sin((3*pi)/400))/397, (1250*sin(pi/200))/199,
(2500*sin(pi/400))/399, 0, -(2500*sin(pi/400))/401, -
(1250*sin(pi/200))/201, -(2500*sin((3*pi)/400))/403, -
(625*sin(pi/100))/101, -(500*sin(pi/80))/81, -
(1250*sin((3*pi)/200))/203, -(2500*sin((7*pi)/400))/407, -
(625*sin(pi/50))/102, -(2500*sin((9*pi)/400))/409, -
(250*sin(pi/40))/41, -(2500*sin((11*pi)/400))/411, -
(625*sin((3*pi)/100))/103, -(2500*sin((13*pi)/400))/413, -
(1250*sin((7*pi)/200))/207, -(500*sin((3*pi)/80))/83, -
(625*sin(pi/25))/104, -(2500*sin((17*pi)/400))/417, -
(1250*sin((9*pi)/200))/209, -(2500*sin((19*pi)/400))/419, -
(125*sin(pi/20))/21, -(2500*sin((21*pi)/400))/421, -
(1250*sin((11*pi)/200))/211, -(2500*sin((23*pi)/400))/423, -
(625*sin((3*pi)/50))/106, -(100*sin(pi/16))/17, -
(1250*sin((13*pi)/200))/213, -(2500*sin((27*pi)/400))/427, -
(625*sin((7*pi)/100))/107, -(2500*sin((29*pi)/400))/429, -
(250*sin((3*pi)/40))/43, -(2500*sin((31*pi)/400))/431, -
(625*sin((2*pi)/25))/108, -(2500*sin((33*pi)/400))/433, -
(1250*sin((17*pi)/200))/217, -(500*sin((7*pi)/80))/87, -
(625*sin((9*pi)/100))/109, -(2500*sin((37*pi)/400))/437, -
(1250*sin((19*pi)/200))/219, -(2500*sin((39*pi)/400))/439,
125/88 - (125*5^(1/2))/88, -(2500*sin((41*pi)/400))/441, -
(1250*sin((21*pi)/200))/221, -(2500*sin((43*pi)/400))/443, -
(625*sin((11*pi)/100))/111, -(500*sin((9*pi)/80))/89, -
(1250*sin((23*pi)/200))/223, -(2500*sin((47*pi)/400))/447, -
(625*sin((3*pi)/25))/112, -(2500*sin((49*pi)/400))/449, -(25*(2
- 2^(1/2))^(1/2))/9, -(2500*sin((51*pi)/400))/451, -
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(625*sin((13*pi)/100))/113, -(2500*sin((53*pi)/400))/453, -
(1250*sin((27*pi)/200))/227, -(500*sin((11*pi)/80))/91, -
(625*sin((7*pi)/50))/114, -(2500*sin((57*pi)/400))/457, -
(1250*sin((29*pi)/200))/229, -(2500*sin((59*pi)/400))/459, -
(125*sin((3*pi)/20))/23, -(2500*sin((61*pi)/400))/461, -
(1250*sin((31*pi)/200))/231, -(2500*sin((63*pi)/400))/463, -
(625*sin((4*pi)/25))/116, -(500*sin((13*pi)/80))/93, -
(1250*sin((33*pi)/200))/233, -(2500*sin((67*pi)/400))/467, -
(625*sin((17*pi)/100))/117, -(2500*sin((69*pi)/400))/469, -
(250*sin((7*pi)/40))/47, -(2500*sin((71*pi)/400))/471, -
(625*sin((9*pi)/50))/118, -(2500*sin((73*pi)/400))/473, -
(1250*sin((37*pi)/200))/237, -(100*sin((3*pi)/16))/19, -
(625*sin((19*pi)/100))/119, -(2500*sin((77*pi)/400))/477, -
(1250*sin((39*pi)/200))/239, -(2500*sin((79*pi)/400))/479, -
(125*2^(1/2)*(5 - 5^(1/2))^(1/2))/96, -
(2500*sin((81*pi)/400))/481, -(1250*sin((41*pi)/200))/241, -
(2500*sin((83*pi)/400))/483, -(625*sin((21*pi)/100))/121, -
(500*sin((17*pi)/80))/97, -(1250*sin((43*pi)/200))/243, -
(2500*sin((87*pi)/400))/487, -(625*sin((11*pi)/50))/122, -
(2500*sin((89*pi)/400))/489, -(250*sin((9*pi)/40))/49, -
(2500*sin((91*pi)/400))/491, -(625*sin((23*pi)/100))/123, -
(2500*sin((93*pi)/400))/493, -(1250*sin((47*pi)/200))/247, -
(500*sin((19*pi)/80))/99, -(625*sin((6*pi)/25))/124, -
(2500*sin((97*pi)/400))/497, -(1250*sin((49*pi)/200))/249, -
(2500*sin((99*pi)/400))/499, -(5*2^(1/2))/2, -
(2500*sin((101*pi)/400))/501, -(1250*sin((51*pi)/200))/251, -
(2500*sin((103*pi)/400))/503, -(625*sin((13*pi)/50))/126, -
(500*sin((21*pi)/80))/101, -(1250*sin((53*pi)/200))/253, -
(2500*sin((107*pi)/400))/507, -(625*sin((27*pi)/100))/127, -
(2500*sin((109*pi)/400))/509, -(250*sin((11*pi)/40))/51, -
(2500*sin((111*pi)/400))/511, -(625*sin((7*pi)/25))/128, -
(2500*sin((113*pi)/400))/513, -(1250*sin((57*pi)/200))/257, -
(500*sin((23*pi)/80))/103, -(625*sin((29*pi)/100))/129, -
(2500*sin((117*pi)/400))/517, -(1250*sin((59*pi)/200))/259, -
(2500*sin((119*pi)/400))/519, - (125*5^(1/2))/104 - 125/104, -
(2500*sin((121*pi)/400))/521, -(1250*sin((61*pi)/200))/261, -
(2500*sin((123*pi)/400))/523, -(625*sin((31*pi)/100))/131, -
(100*sin((5*pi)/16))/21, -(1250*sin((63*pi)/200))/263, -
(2500*sin((127*pi)/400))/527, -(625*sin((8*pi)/25))/132, -
(2500*sin((129*pi)/400))/529, -(250*sin((13*pi)/40))/53, -
(2500*sin((131*pi)/400))/531, -(625*sin((33*pi)/100))/133, -
(2500*sin((133*pi)/400))/533, -(1250*sin((67*pi)/200))/267, -
(500*sin((27*pi)/80))/107, -(625*sin((17*pi)/50))/134, -
(2500*sin((137*pi)/400))/537, -(1250*sin((69*pi)/200))/269, -
(2500*sin((139*pi)/400))/539, -(125*sin((7*pi)/20))/27, -
(2500*sin((141*pi)/400))/541, -(1250*sin((71*pi)/200))/271, -
(2500*sin((143*pi)/400))/543, -(625*sin((9*pi)/25))/136, -
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(500*sin((29*pi)/80))/109, -(1250*sin((73*pi)/200))/273, -
(2500*sin((147*pi)/400))/547, -(625*sin((37*pi)/100))/137, -
(2500*sin((149*pi)/400))/549, -(25*(2^(1/2) + 2)^(1/2))/11, -
(2500*sin((151*pi)/400))/551, -(625*sin((19*pi)/50))/138, -
(2500*sin((153*pi)/400))/553, -(1250*sin((77*pi)/200))/277, -
(500*sin((31*pi)/80))/111, -(625*sin((39*pi)/100))/139, -
(2500*sin((157*pi)/400))/557, -(1250*sin((79*pi)/200))/279, -
(2500*sin((159*pi)/400))/559, -(125*2^(1/2)*(5^(1/2) +
5)^(1/2))/112, -(2500*sin((161*pi)/400))/561, -
(1250*sin((81*pi)/200))/281, -(2500*sin((163*pi)/400))/563, -
(625*sin((41*pi)/100))/141, -(500*sin((33*pi)/80))/113, -
(1250*sin((83*pi)/200))/283, -(2500*sin((167*pi)/400))/567, -
(625*sin((21*pi)/50))/142, -(2500*sin((169*pi)/400))/569, -
(250*sin((17*pi)/40))/57, -(2500*sin((171*pi)/400))/571, -
(625*sin((43*pi)/100))/143, -(2500*sin((173*pi)/400))/573, -
(1250*sin((87*pi)/200))/287, -(100*sin((7*pi)/16))/23, -
(625*sin((11*pi)/25))/144, -(2500*sin((177*pi)/400))/577, -
(1250*sin((89*pi)/200))/289, -(2500*sin((179*pi)/400))/579, -
(125*sin((9*pi)/20))/29, -(2500*sin((181*pi)/400))/581, -
(1250*sin((91*pi)/200))/291, -(2500*sin((183*pi)/400))/583, -
(625*sin((23*pi)/50))/146, -(500*sin((37*pi)/80))/117, -
(1250*sin((93*pi)/200))/293, -(2500*sin((187*pi)/400))/587, -
(625*sin((47*pi)/100))/147, -(2500*sin((189*pi)/400))/589, -
(250*sin((19*pi)/40))/59, -(2500*sin((191*pi)/400))/591, -
(625*sin((12*pi)/25))/148, -(2500*sin((193*pi)/400))/593, -
(1250*sin((97*pi)/200))/297, -(500*sin((39*pi)/80))/119, -
(625*sin((49*pi)/100))/149, -(2500*sin((197*pi)/400))/597, -
(1250*sin((99*pi)/200))/299, -(2500*sin((199*pi)/400))/599, -
25/6, -(2500*sin((199*pi)/400))/601, -
(1250*sin((99*pi)/200))/301, -(2500*sin((197*pi)/400))/603, -
(625*sin((49*pi)/100))/151, -(500*sin((39*pi)/80))/121, -
(1250*sin((97*pi)/200))/303, -(2500*sin((193*pi)/400))/607, -
(625*sin((12*pi)/25))/152, -(2500*sin((191*pi)/400))/609, -
(250*sin((19*pi)/40))/61, -(2500*sin((189*pi)/400))/611, -
(625*sin((47*pi)/100))/153, -(2500*sin((187*pi)/400))/613, -
(1250*sin((93*pi)/200))/307, -(500*sin((37*pi)/80))/123, -
(625*sin((23*pi)/50))/154, -(2500*sin((183*pi)/400))/617, -
(1250*sin((91*pi)/200))/309, -(2500*sin((181*pi)/400))/619, -
(125*sin((9*pi)/20))/31, -(2500*sin((179*pi)/400))/621, -
(1250*sin((89*pi)/200))/311, -(2500*sin((177*pi)/400))/623, -
(625*sin((11*pi)/25))/156, -4*sin((7*pi)/16), -
(1250*sin((87*pi)/200))/313, -(2500*sin((173*pi)/400))/627, -
(625*sin((43*pi)/100))/157, -(2500*sin((171*pi)/400))/629, -
(250*sin((17*pi)/40))/63, -(2500*sin((169*pi)/400))/631, -
(625*sin((21*pi)/50))/158, -(2500*sin((167*pi)/400))/633, -
(1250*sin((83*pi)/200))/317, -(500*sin((33*pi)/80))/127, -
(625*sin((41*pi)/100))/159, -(2500*sin((163*pi)/400))/637, -
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(1250*sin((81*pi)/200))/319, -(2500*sin((161*pi)/400))/639, -
(125*2^(1/2)*(5^(1/2) + 5)^(1/2))/128, -
(2500*sin((159*pi)/400))/641, -(1250*sin((79*pi)/200))/321, -
(2500*sin((157*pi)/400))/643, -(625*sin((39*pi)/100))/161, -
(500*sin((31*pi)/80))/129, -(1250*sin((77*pi)/200))/323, -
(2500*sin((153*pi)/400))/647, -(625*sin((19*pi)/50))/162, -
(2500*sin((151*pi)/400))/649, -(25*(2^(1/2) + 2)^(1/2))/13, -
(2500*sin((149*pi)/400))/651, -(625*sin((37*pi)/100))/163, -
(2500*sin((147*pi)/400))/653, -(1250*sin((73*pi)/200))/327, -
(500*sin((29*pi)/80))/131, -(625*sin((9*pi)/25))/164, -
(2500*sin((143*pi)/400))/657, -(1250*sin((71*pi)/200))/329, -
(2500*sin((141*pi)/400))/659, -(125*sin((7*pi)/20))/33, -
(2500*sin((139*pi)/400))/661, -(1250*sin((69*pi)/200))/331, -
(2500*sin((137*pi)/400))/663, -(625*sin((17*pi)/50))/166, -
(500*sin((27*pi)/80))/133, -(1250*sin((67*pi)/200))/333, -
(2500*sin((133*pi)/400))/667, -(625*sin((33*pi)/100))/167, -
(2500*sin((131*pi)/400))/669, -(250*sin((13*pi)/40))/67, -
(2500*sin((129*pi)/400))/671, -(625*sin((8*pi)/25))/168, -
(2500*sin((127*pi)/400))/673, -(1250*sin((63*pi)/200))/337, -
(100*sin((5*pi)/16))/27, -(625*sin((31*pi)/100))/169, -
(2500*sin((123*pi)/400))/677, -(1250*sin((61*pi)/200))/339, -
(2500*sin((121*pi)/400))/679, - (125*5^(1/2))/136 - 125/136, -
(2500*sin((119*pi)/400))/681, -(1250*sin((59*pi)/200))/341, -
(2500*sin((117*pi)/400))/683, -(625*sin((29*pi)/100))/171, -
(500*sin((23*pi)/80))/137, -(1250*sin((57*pi)/200))/343, -
(2500*sin((113*pi)/400))/687, -(625*sin((7*pi)/25))/172, -
(2500*sin((111*pi)/400))/689, -(250*sin((11*pi)/40))/69, -
(2500*sin((109*pi)/400))/691, -(625*sin((27*pi)/100))/173, -
(2500*sin((107*pi)/400))/693, -(1250*sin((53*pi)/200))/347, -
(500*sin((21*pi)/80))/139, -(625*sin((13*pi)/50))/174, -
(2500*sin((103*pi)/400))/697, -(1250*sin((51*pi)/200))/349, -
(2500*sin((101*pi)/400))/699, -(25*2^(1/2))/14, -
(2500*sin((99*pi)/400))/701, -(1250*sin((49*pi)/200))/351, -
(2500*sin((97*pi)/400))/703, -(625*sin((6*pi)/25))/176, -
(500*sin((19*pi)/80))/141, -(1250*sin((47*pi)/200))/353, -
(2500*sin((93*pi)/400))/707, -(625*sin((23*pi)/100))/177, -
(2500*sin((91*pi)/400))/709, -(250*sin((9*pi)/40))/71, -
(2500*sin((89*pi)/400))/711, -(625*sin((11*pi)/50))/178, -
(2500*sin((87*pi)/400))/713, -(1250*sin((43*pi)/200))/357, -
(500*sin((17*pi)/80))/143, -(625*sin((21*pi)/100))/179, -
(2500*sin((83*pi)/400))/717, -(1250*sin((41*pi)/200))/359, -
(2500*sin((81*pi)/400))/719, -(125*2^(1/2)*(5 -
5^(1/2))^(1/2))/144, -(2500*sin((79*pi)/400))/721, -
(1250*sin((39*pi)/200))/361, -(2500*sin((77*pi)/400))/723, -
(625*sin((19*pi)/100))/181, -(100*sin((3*pi)/16))/29, -
(1250*sin((37*pi)/200))/363, -(2500*sin((73*pi)/400))/727, -
(625*sin((9*pi)/50))/182, -(2500*sin((71*pi)/400))/729, -
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(1250*sin((33*pi)/200))/367, -(500*sin((13*pi)/80))/147, -
(625*sin((4*pi)/25))/184, -(2500*sin((63*pi)/400))/737, -
(1250*sin((31*pi)/200))/369, -(2500*sin((61*pi)/400))/739, -
(125*sin((3*pi)/20))/37, -(2500*sin((59*pi)/400))/741, -
(1250*sin((29*pi)/200))/371, -(2500*sin((57*pi)/400))/743, -
(625*sin((7*pi)/50))/186, -(500*sin((11*pi)/80))/149, -
(1250*sin((27*pi)/200))/373, -(2500*sin((53*pi)/400))/747, -
(625*sin((13*pi)/100))/187, -(2500*sin((51*pi)/400))/749, -(5*(2
- 2^(1/2))^(1/2))/3, -(2500*sin((49*pi)/400))/751, -
(625*sin((3*pi)/25))/188, -(2500*sin((47*pi)/400))/753, -
(1250*sin((23*pi)/200))/377, -(500*sin((9*pi)/80))/151, -
(625*sin((11*pi)/100))/189, -(2500*sin((43*pi)/400))/757, -
(1250*sin((21*pi)/200))/379, -(2500*sin((41*pi)/400))/759,
125/152 - (125*5^(1/2))/152, -(2500*sin((39*pi)/400))/761, -
(1250*sin((19*pi)/200))/381, -(2500*sin((37*pi)/400))/763, -
(625*sin((9*pi)/100))/191, -(500*sin((7*pi)/80))/153, -
(1250*sin((17*pi)/200))/383, -(2500*sin((33*pi)/400))/767, -
(625*sin((2*pi)/25))/192, -(2500*sin((31*pi)/400))/769, -
(250*sin((3*pi)/40))/77, -(2500*sin((29*pi)/400))/771, -
(625*sin((7*pi)/100))/193, -(2500*sin((27*pi)/400))/773, -
(1250*sin((13*pi)/200))/387, -(100*sin(pi/16))/31, -
(625*sin((3*pi)/50))/194, -(2500*sin((23*pi)/400))/777, -
(1250*sin((11*pi)/200))/389, -(2500*sin((21*pi)/400))/779, -
(125*sin(pi/20))/39, -(2500*sin((19*pi)/400))/781, -
(1250*sin((9*pi)/200))/391, -(2500*sin((17*pi)/400))/783, -
(625*sin(pi/25))/196, -(500*sin((3*pi)/80))/157, -
(1250*sin((7*pi)/200))/393, -(2500*sin((13*pi)/400))/787, -
(625*sin((3*pi)/100))/197, -(2500*sin((11*pi)/400))/789, -
(250*sin(pi/40))/79, -(2500*sin((9*pi)/400))/791, -
(625*sin(pi/50))/198, -(2500*sin((7*pi)/400))/793, -
(1250*sin((3*pi)/200))/397, -(500*sin(pi/80))/159, -
(625*sin(pi/100))/199, -(2500*sin((3*pi)/400))/797, -
(1250*sin(pi/200))/399, -(2500*sin(pi/400))/799, 0,
(2500*sin(pi/400))/801, (1250*sin(pi/200))/401,
(2500*sin((3*pi)/400))/803, (625*sin(pi/100))/201,
(500*sin(pi/80))/161, (1250*sin((3*pi)/200))/403,
(2500*sin((7*pi)/400))/807, (625*sin(pi/50))/202,
(2500*sin((9*pi)/400))/809, (250*sin(pi/40))/81,
(2500*sin((11*pi)/400))/811, (625*sin((3*pi)/100))/203,
(2500*sin((13*pi)/400))/813, (1250*sin((7*pi)/200))/407,
(500*sin((3*pi)/80))/163, (625*sin(pi/25))/204,
(2500*sin((17*pi)/400))/817, (1250*sin((9*pi)/200))/409,
(2500*sin((19*pi)/400))/819, (125*sin(pi/20))/41,
(2500*sin((21*pi)/400))/821, (1250*sin((11*pi)/200))/411,
(2500*sin((23*pi)/400))/823, (625*sin((3*pi)/50))/206,
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(100*sin(pi/16))/33, (1250*sin((13*pi)/200))/413,
(2500*sin((27*pi)/400))/827, (625*sin((7*pi)/100))/207,
(2500*sin((29*pi)/400))/829, (250*sin((3*pi)/40))/83,
(2500*sin((31*pi)/400))/831, (625*sin((2*pi)/25))/208,
(2500*sin((33*pi)/400))/833, (1250*sin((17*pi)/200))/417,
(500*sin((7*pi)/80))/167, (625*sin((9*pi)/100))/209,
(2500*sin((37*pi)/400))/837, (1250*sin((19*pi)/200))/419,
(2500*sin((39*pi)/400))/839, (125*5^(1/2))/168 - 125/168,
(2500*sin((41*pi)/400))/841, (1250*sin((21*pi)/200))/421,
(2500*sin((43*pi)/400))/843, (625*sin((11*pi)/100))/211,
(500*sin((9*pi)/80))/169, (1250*sin((23*pi)/200))/423,
(2500*sin((47*pi)/400))/847, (625*sin((3*pi)/25))/212,
(2500*sin((49*pi)/400))/849, (25*(2 - 2^(1/2))^(1/2))/17,
(2500*sin((51*pi)/400))/851, (625*sin((13*pi)/100))/213,
(2500*sin((53*pi)/400))/853, (1250*sin((27*pi)/200))/427,
(500*sin((11*pi)/80))/171, (625*sin((7*pi)/50))/214,
(2500*sin((57*pi)/400))/857, (1250*sin((29*pi)/200))/429,
(2500*sin((59*pi)/400))/859, (125*sin((3*pi)/20))/43,
(2500*sin((61*pi)/400))/861, (1250*sin((31*pi)/200))/431,
(2500*sin((63*pi)/400))/863, (625*sin((4*pi)/25))/216,
(500*sin((13*pi)/80))/173, (1250*sin((33*pi)/200))/433,
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(2500*sin((69*pi)/400))/869, (250*sin((7*pi)/40))/87,
(2500*sin((71*pi)/400))/871, (625*sin((9*pi)/50))/218,
(2500*sin((73*pi)/400))/873, (1250*sin((37*pi)/200))/437,
(20*sin((3*pi)/16))/7, (625*sin((19*pi)/100))/219,
(2500*sin((77*pi)/400))/877, (1250*sin((39*pi)/200))/439,
(2500*sin((79*pi)/400))/879, (125*2^(1/2)*(5 -
5^(1/2))^(1/2))/176, (2500*sin((81*pi)/400))/881,
(1250*sin((41*pi)/200))/441, (2500*sin((83*pi)/400))/883,
(625*sin((21*pi)/100))/221, (500*sin((17*pi)/80))/177,
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(250*sin((9*pi)/40))/89, (2500*sin((91*pi)/400))/891,
(625*sin((23*pi)/100))/223, (2500*sin((93*pi)/400))/893,
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(250*sin((13*pi)/40))/93, (2500*sin((131*pi)/400))/931,
(625*sin((33*pi)/100))/233, (2500*sin((133*pi)/400))/933,
(1250*sin((67*pi)/200))/467, (500*sin((27*pi)/80))/187,
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(125*sin((7*pi)/20))/47, (2500*sin((141*pi)/400))/941,
(1250*sin((71*pi)/200))/471, (2500*sin((143*pi)/400))/943,
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(1250*sin((73*pi)/200))/473, (2500*sin((147*pi)/400))/947,
(625*sin((37*pi)/100))/237, (2500*sin((149*pi)/400))/949,
(25*(2^(1/2) + 2)^(1/2))/19, (2500*sin((151*pi)/400))/951,
(625*sin((19*pi)/50))/238, (2500*sin((153*pi)/400))/953,
(1250*sin((77*pi)/200))/477, (500*sin((31*pi)/80))/191,
(625*sin((39*pi)/100))/239, (2500*sin((157*pi)/400))/957,
(1250*sin((79*pi)/200))/479, (2500*sin((159*pi)/400))/959,
(125*2^(1/2)*(5^(1/2) + 5)^(1/2))/192,
(2500*sin((161*pi)/400))/961, (1250*sin((81*pi)/200))/481,
(2500*sin((163*pi)/400))/963, (625*sin((41*pi)/100))/241,
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(2500*sin((191*pi)/400))/991, (625*sin((12*pi)/25))/248,
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(500*sin((39*pi)/80))/201, (1250*sin((97*pi)/200))/503,
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(2500*sin((191*pi)/400))/1009, (250*sin((19*pi)/40))/101,

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(2500*sin((183*pi)/400))/1017, (1250*sin((91*pi)/200))/509,
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(2500*sin((179*pi)/400))/1021, (1250*sin((89*pi)/200))/511,
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(100*sin((7*pi)/16))/41, (1250*sin((87*pi)/200))/513,
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(2500*sin((171*pi)/400))/1029, (250*sin((17*pi)/40))/103,
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(2500*sin((167*pi)/400))/1033, (1250*sin((83*pi)/200))/517,
(500*sin((33*pi)/80))/207, (625*sin((41*pi)/100))/259,
(2500*sin((163*pi)/400))/1037, (1250*sin((81*pi)/200))/519,
(2500*sin((161*pi)/400))/1039, (125*2^(1/2)*(5^(1/2) +
5)^(1/2))/208, (2500*sin((159*pi)/400))/1041,
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(25*(2^(1/2) + 2)^(1/2))/21, (2500*sin((149*pi)/400))/1051,
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(625*sin((8*pi)/25))/268, (2500*sin((127*pi)/400))/1073,
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(1250*sin((59*pi)/200))/541, (2500*sin((117*pi)/400))/1083,
(625*sin((29*pi)/100))/271, (500*sin((23*pi)/80))/217,
(1250*sin((57*pi)/200))/543, (2500*sin((113*pi)/400))/1087,
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(625*sin((27*pi)/100))/273, (2500*sin((107*pi)/400))/1093,
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(1250*sin((51*pi)/200))/549, (2500*sin((101*pi)/400))/1099,
(25*2^(1/2))/22, (2500*sin((99*pi)/400))/1101,
(1250*sin((49*pi)/200))/551, (2500*sin((97*pi)/400))/1103,

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(625*sin((6*pi)/25))/276, (500*sin((19*pi)/80))/221,
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(625*sin((23*pi)/100))/277, (2500*sin((91*pi)/400))/1109,
(250*sin((9*pi)/40))/111, (2500*sin((89*pi)/400))/1111,
(625*sin((11*pi)/50))/278, (2500*sin((87*pi)/400))/1113,
(1250*sin((43*pi)/200))/557, (500*sin((17*pi)/80))/223,
(625*sin((21*pi)/100))/279, (2500*sin((83*pi)/400))/1117,
(1250*sin((41*pi)/200))/559, (2500*sin((81*pi)/400))/1119,
(125*2^(1/2)*(5 - 5^(1/2))^(1/2))/224,
(2500*sin((79*pi)/400))/1121, (1250*sin((39*pi)/200))/561,
(2500*sin((77*pi)/400))/1123, (625*sin((19*pi)/100))/281,
(20*sin((3*pi)/16))/9, (1250*sin((37*pi)/200))/563,
(2500*sin((73*pi)/400))/1127, (625*sin((9*pi)/50))/282,
(2500*sin((71*pi)/400))/1129, (250*sin((7*pi)/40))/113,
(2500*sin((69*pi)/400))/1131, (625*sin((17*pi)/100))/283,
(2500*sin((67*pi)/400))/1133, (1250*sin((33*pi)/200))/567,
(500*sin((13*pi)/80))/227, (625*sin((4*pi)/25))/284,
(2500*sin((63*pi)/400))/1137, (1250*sin((31*pi)/200))/569,
(2500*sin((61*pi)/400))/1139, (125*sin((3*pi)/20))/57,
(2500*sin((59*pi)/400))/1141, (1250*sin((29*pi)/200))/571,
(2500*sin((57*pi)/400))/1143, (625*sin((7*pi)/50))/286,
(500*sin((11*pi)/80))/229, (1250*sin((27*pi)/200))/573,
(2500*sin((53*pi)/400))/1147, (625*sin((13*pi)/100))/287,
(2500*sin((51*pi)/400))/1149, (25*(2 - 2^(1/2))^(1/2))/23,
(2500*sin((49*pi)/400))/1151, (625*sin((3*pi)/25))/288,
(2500*sin((47*pi)/400))/1153, (1250*sin((23*pi)/200))/577,
(500*sin((9*pi)/80))/231, (625*sin((11*pi)/100))/289,
(2500*sin((43*pi)/400))/1157, (1250*sin((21*pi)/200))/579,
(2500*sin((41*pi)/400))/1159, (125*5^(1/2))/232 - 125/232,
(2500*sin... Output truncated. Text exceeds maximum line length
for Command Window display.

Vt =

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


r =

[ 1/2, cos(pi/50000)/2, cos(pi/25000)/2, cos((3*pi)/50000)/2,
cos(pi/12500)/2, cos(pi/10000)/2, cos((3*pi)/25000)/2,
cos((7*pi)/50000)/2, cos(pi/6250)/2, cos((9*pi)/50000)/2,
cos(pi/5000)/2, cos((11*pi)/50000)/2, cos((3*pi)/12500)/2,
cos((13*pi)/50000)/2, cos((7*pi)/25000)/2, cos((3*pi)/10000)/2,
cos(pi/3125)/2, cos((17*pi)/50000)/2, cos((9*pi)/25000)/2,
cos((19*pi)/50000)/2, cos(pi/2500)/2, cos((21*pi)/50000)/2,
cos((11*pi)/25000)/2, cos((23*pi)/50000)/2, cos((3*pi)/6250)/2,
```

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cos(pi/2000)/2, cos((13*pi)/25000)/2, cos((27*pi)/50000)/2,
cos((7*pi)/12500)/2, cos((29*pi)/50000)/2, cos((3*pi)/5000)/2,
cos((31*pi)/50000)/2, cos((2*pi)/3125)/2, cos((33*pi)/50000)/2,
cos((17*pi)/25000)/2, cos((7*pi)/10000)/2, cos((9*pi)/12500)/2,
cos((37*pi)/50000)/2, cos((19*pi)/25000)/2,
cos((39*pi)/50000)/2, cos(pi/1250)/2, cos((41*pi)/50000)/2,
cos((21*pi)/25000)/2, cos((43*pi)/50000)/2,
cos((11*pi)/12500)/2, cos((9*pi)/10000)/2, cos((23*pi)/25000)/2,
cos((47*pi)/50000)/2, cos((3*pi)/3125)/2, cos((49*pi)/50000)/2,
cos(pi/1000)/2, cos((51*pi)/50000)/2, cos((13*pi)/12500)/2,
cos((53*pi)/50000)/2, cos((27*pi)/25000)/2,
cos((11*pi)/10000)/2, cos((7*pi)/6250)/2, cos((57*pi)/50000)/2,
cos((29*pi)/25000)/2, cos((59*pi)/50000)/2, cos((3*pi)/2500)/2,
cos((61*pi)/50000)/2, cos((31*pi)/25000)/2,
cos((63*pi)/50000)/2, cos((4*pi)/3125)/2, cos((13*pi)/10000)/2,
cos((33*pi)/25000)/2, cos((67*pi)/50000)/2,
cos((17*pi)/12500)/2, cos((69*pi)/50000)/2, cos((7*pi)/5000)/2,
cos((71*pi)/50000)/2, cos((9*pi)/6250)/2, cos((73*pi)/50000)/2,
cos((37*pi)/25000)/2, cos((3*pi)/2000)/2, cos((19*pi)/12500)/2,
cos((77*pi)/50000)/2, cos((39*pi)/25000)/2,
cos((79*pi)/50000)/2, cos(pi/625)/2, cos((81*pi)/50000)/2,
cos((41*pi)/25000)/2, cos((83*pi)/50000)/2,
cos((21*pi)/12500)/2, cos((17*pi)/10000)/2,
cos((43*pi)/25000)/2, cos((87*pi)/50000)/2, cos((11*pi)/6250)/2,
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cos((99*pi)/50000)/2, cos(pi/500)/2, cos((101*pi)/50000)/2,
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cos((109*pi)/50000)/2, cos((11*pi)/5000)/2,
cos((111*pi)/50000)/2, cos((7*pi)/3125)/2,
cos((113*pi)/50000)/2, cos((57*pi)/25000)/2,
cos((23*pi)/10000)/2, cos((29*pi)/12500)/2,
cos((117*pi)/50000)/2, cos((59*pi)/25000)/2,
cos((119*pi)/50000)/2, cos((3*pi)/1250)/2,
cos((121*pi)/50000)/2, cos((61*pi)/25000)/2,
cos((123*pi)/50000)/2, cos((31*pi)/12500)/2, cos(pi/400)/2,
cos((63*pi)/25000)/2, cos((127*pi)/50000)/2, cos((8*pi)/3125)/2,
cos((129*pi)/50000)/2, cos((13*pi)/5000)/2,
cos((131*pi)/50000)/2, cos((33*pi)/12500)/2,
cos((133*pi)/50000)/2, cos((67*pi)/25000)/2,
cos((27*pi)/10000)/2, cos((17*pi)/6250)/2,
cos((137*pi)/50000)/2, cos((69*pi)/25000)/2,
cos((139*pi)/50000)/2, cos((7*pi)/2500)/2,
```

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cos((141*pi)/50000)/2, cos((71*pi)/25000)/2,
cos((143*pi)/50000)/2, cos((9*pi)/3125)/2, cos((29*pi)/10000)/2,
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cos((37*pi)/12500)/2, cos((149*pi)/50000)/2, cos((3*pi)/1000)/2,
cos((151*pi)/50000)/2, cos((19*pi)/6250)/2,
cos((153*pi)/50000)/2, cos((77*pi)/25000)/2,
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cos((291*pi)/10000)/2, cos((91*pi)/3125)/2,
cos((1457*pi)/50000)/2, cos((729*pi)/2500... Output truncated.
Text exceeds maximum line length for Command Window display.

P =

[ NaN, 1250*cos(pi/50000)*sin(pi/400),
625*cos(pi/25000)*sin(pi/200),
(1250*cos((3*pi)/50000)*sin((3*pi)/400))/3,
(625*cos(pi/12500)*sin(pi/100))/2, 250*cos(pi/10000)*sin(pi/80),
(625*cos((3*pi)/25000)*sin((3*pi)/200))/3,
(1250*cos((7*pi)/50000)*sin((7*pi)/400))/7,
(625*cos(pi/6250)*sin(pi/50))/4,
(1250*cos((9*pi)/50000)*sin((9*pi)/400))/9,
125*cos(pi/5000)*sin(pi/40),
(1250*cos((11*pi)/50000)*sin((11*pi)/400))/11,
(625*cos((3*pi)/12500)*sin((3*pi)/100))/6,
(1250*cos((13*pi)/50000)*sin((13*pi)/400))/13,
(625*cos((7*pi)/25000)*sin((7*pi)/200))/7,
(250*cos((3*pi)/10000)*sin((3*pi)/80))/3,
(625*cos(pi/3125)*sin(pi/25))/8,
(1250*cos((17*pi)/50000)*sin((17*pi)/400))/17,
(625*cos((9*pi)/25000)*sin((9*pi)/200))/9,
(1250*cos((19*pi)/50000)*sin((19*pi)/400))/19,
(125*cos(pi/2500)*sin(pi/20))/2,
(1250*cos((21*pi)/50000)*sin((21*pi)/400))/21,
(625*cos((11*pi)/25000)*sin((11*pi)/200))/11,
(1250*cos((23*pi)/50000)*sin((23*pi)/400))/23,
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(625*cos((13*pi)/25000)*sin((13*pi)/200))/13,
(1250*cos((27*pi)/50000)*sin((27*pi)/400))/27,
(625*cos((7*pi)/12500)*sin((7*pi)/100))/14,
(1250*cos((29*pi)/50000)*sin((29*pi)/400))/29,
(125*cos((3*pi)/5000)*sin((3*pi)/40))/3,
(1250*cos((31*pi)/50000)*sin((31*pi)/400))/31,
(625*cos((2*pi)/3125)*sin((2*pi)/25))/16,
(1250*cos((33*pi)/50000)*sin((33*pi)/400))/33,
(625*cos((17*pi)/25000)*sin((17*pi)/200))/17,
(250*cos((7*pi)/10000)*sin((7*pi)/80))/7,
(625*cos((9*pi)/12500)*sin((9*pi)/100))/18,
(1250*cos((37*pi)/50000)*sin((37*pi)/400))/37,
(625*cos((19*pi)/25000)*sin((19*pi)/200))/19,
(1250*cos((39*pi)/50000)*sin((39*pi)/400))/39,
(cos(pi/1250)*((125*5^(1/2))/8 - 125/8))/2,
(1250*cos((41*pi)/50000)*sin((41*pi)/400))/41,
(625*cos((21*pi)/25000)*sin((21*pi)/200))/21,
(1250*cos((43*pi)/50000)*sin((43*pi)/400))/43,
(625*cos((11*pi)/12500)*sin((11*pi)/100))/22,
(250*cos((9*pi)/10000)*sin((9*pi)/80))/9,
(625*cos((23*pi)/25000)*sin((23*pi)/200))/23,
(1250*cos((47*pi)/50000)*sin((47*pi)/400))/47,
(625*cos((3*pi)/3125)*sin((3*pi)/25))/24,
(1250*cos((49*pi)/50000)*sin((49*pi)/400))/49,
(25*cos(pi/1000)*(2 - 2^(1/2))^(1/2))/2,
(1250*cos((51*pi)/50000)*sin((51*pi)/400))/51,
(625*cos((13*pi)/12500)*sin((13*pi)/100))/26,
(1250*cos((53*pi)/50000)*sin((53*pi)/400))/53,
(625*cos((27*pi)/25000)*sin((27*pi)/200))/27,
(250*cos((11*pi)/10000)*sin((11*pi)/80))/11,
(625*cos((7*pi)/6250)*sin((7*pi)/50))/28,
(1250*cos((57*pi)/50000)*sin((57*pi)/400))/57,
(625*cos((29*pi)/25000)*sin((29*pi)/200))/29,
(1250*cos((59*pi)/50000)*sin((59*pi)/400))/59,
(125*cos((3*pi)/2500)*sin((3*pi)/20))/6,
(1250*cos((61*pi)/50000)*sin((61*pi)/400))/61,
(625*cos((31*pi)/25000)*sin((31*pi)/200))/31,
(1250*cos((63*pi)/50000)*sin((63*pi)/400))/63,
(625*cos((4*pi)/3125)*sin((4*pi)/25))/32,
(250*cos((13*pi)/10000)*sin((13*pi)/80))/13,
(625*cos((33*pi)/25000)*sin((33*pi)/200))/33,
(1250*cos((67*pi)/50000)*sin((67*pi)/400))/67,
(625*cos((17*pi)/12500)*sin((17*pi)/100))/34,
(1250*cos((69*pi)/50000)*sin((69*pi)/400))/69,
(125*cos((7*pi)/5000)*sin((7*pi)/40))/7,
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(1250*cos((71*pi)/50000)*sin((71*pi)/400))/71,
(625*cos((9*pi)/6250)*sin((9*pi)/50))/36,
(1250*cos((73*pi)/50000)*sin((73*pi)/400))/73,
(625*cos((37*pi)/25000)*sin((37*pi)/200))/37,
(50*cos((3*pi)/2000)*sin((3*pi)/16))/3,
(625*cos((19*pi)/12500)*sin((19*pi)/100))/38,
(1250*cos((77*pi)/50000)*sin((77*pi)/400))/77,
(625*cos((39*pi)/25000)*sin((39*pi)/200))/39,
(1250*cos((79*pi)/50000)*sin((79*pi)/400))/79,
(125*2^(1/2)*cos(pi/625)*(5 - 5^(1/2))^(1/2))/32,
(1250*cos((81*pi)/50000)*sin((81*pi)/400))/81,
(625*cos((41*pi)/25000)*sin((41*pi)/200))/41,
(1250*cos((83*pi)/50000)*sin((83*pi)/400))/83,
(625*cos((21*pi)/12500)*sin((21*pi)/100))/42,
(250*cos((17*pi)/10000)*sin((17*pi)/80))/17,
(625*cos((43*pi)/25000)*sin((43*pi)/200))/43,
(1250*cos((87*pi)/50000)*sin((87*pi)/400))/87,
(625*cos((11*pi)/6250)*sin((11*pi)/50))/44,
(1250*cos((89*pi)/50000)*sin((89*pi)/400))/89,
(125*cos((9*pi)/5000)*sin((9*pi)/40))/9,
(1250*cos((91*pi)/50000)*sin((91*pi)/400))/91,
(625*cos((23*pi)/12500)*sin((23*pi)/100))/46,
(1250*cos((93*pi)/50000)*sin((93*pi)/400))/93,
(625*cos((47*pi)/25000)*sin((47*pi)/200))/47,
(250*cos((19*pi)/10000)*sin((19*pi)/80))/19,
(625*cos((6*pi)/3125)*sin((6*pi)/25))/48,
(1250*cos((97*pi)/50000)*sin((97*pi)/400))/97,
(625*cos((49*pi)/25000)*sin((49*pi)/200))/49,
(1250*cos((99*pi)/50000)*sin((99*pi)/400))/99,
(25*2^(1/2)*cos(pi/500))/4,
(1250*cos((101*pi)/50000)*sin((101*pi)/400))/101,
(625*cos((51*pi)/25000)*sin((51*pi)/200))/51,
(1250*cos((103*pi)/50000)*sin((103*pi)/400))/103,
(625*cos((13*pi)/6250)*sin((13*pi)/50))/52,
(250*cos((21*pi)/10000)*sin((21*pi)/80))/21,
(625*cos((53*pi)/25000)*sin((53*pi)/200))/53,
(1250*cos((107*pi)/50000)*sin((107*pi)/400))/107,
(625*cos((27*pi)/12500)*sin((27*pi)/100))/54,
(1250*cos((109*pi)/50000)*sin((109*pi)/400))/109,
(125*cos((11*pi)/5000)*sin((11*pi)/40))/11,
(1250*cos((111*pi)/50000)*sin((111*pi)/400))/111,
(625*cos((7*pi)/3125)*sin((7*pi)/25))/56,
(1250*cos((113*pi)/50000)*sin((113*pi)/400))/113,
(625*cos((57*pi)/25000)*sin((57*pi)/200))/57,
(250*cos((23*pi)/10000)*sin((23*pi)/80))/23,
(625*cos((29*pi)/12500)*sin((29*pi)/100))/58,
(1250*cos((117*pi)/50000)*sin((117*pi)/400))/117,
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(625*cos((59*pi)/25000)*sin((59*pi)/200))/59,
(1250*cos((119*pi)/50000)*sin((119*pi)/400))/119,
(cos((3*pi)/1250)*((125*5^(1/2))/24 + 125/24))/2,
(1250*cos((121*pi)/50000)*sin((121*pi)/400))/121,
(625*cos((61*pi)/25000)*sin((61*pi)/200))/61,
(1250*cos((123*pi)/50000)*sin((123*pi)/400))/123,
(625*cos((31*pi)/12500)*sin((31*pi)/100))/62,
10*cos(pi/400)*sin((5*pi)/16),
(625*cos((63*pi)/25000)*sin((63*pi)/200))/63,
(1250*cos((127*pi)/50000)*sin((127*pi)/400))/127,
(625*cos((8*pi)/3125)*sin((8*pi)/25))/64,
(1250*cos((129*pi)/50000)*sin((129*pi)/400))/129,
(125*cos((13*pi)/5000)*sin((13*pi)/40))/13,
(1250*cos((131*pi)/50000)*sin((131*pi)/400))/131,
(625*cos((33*pi)/12500)*sin((33*pi)/100))/66,
(1250*cos((133*pi)/50000)*sin((133*pi)/400))/133,
(625*cos((67*pi)/25000)*sin((67*pi)/200))/67,
(250*cos((27*pi)/10000)*sin((27*pi)/80))/27,
(625*cos((17*pi)/6250)*sin((17*pi)/50))/68,
(1250*cos((137*pi)/50000)*sin((137*pi)/400))/137,
(625*cos((69*pi)/25000)*sin((69*pi)/200))/69,
(1250*cos((139*pi)/50000)*sin((139*pi)/400))/139,
(125*cos((7*pi)/2500)*sin((7*pi)/20))/14,
(1250*cos((141*pi)/50000)*sin((141*pi)/400))/141,
(625*cos((71*pi)/25000)*sin((71*pi)/200))/71,
(1250*cos((143*pi)/50000)*sin((143*pi)/400))/143,
(625*cos((9*pi)/3125)*sin((9*pi)/25))/72,
(250*cos((29*pi)/10000)*sin((29*pi)/80))/29,
(625*cos((73*pi)/25000)*sin((73*pi)/200))/73,
(1250*cos((147*pi)/50000)*sin((147*pi)/400))/147,
(625*cos((37*pi)/12500)*sin((37*pi)/100))/74,
(1250*cos((149*pi)/50000)*sin((149*pi)/400))/149,
(25*cos((3*pi)/1000)*(2^(1/2) + 2)^(1/2))/6,
(1250*cos((151*pi)/50000)*sin((151*pi)/400))/151,
(625*cos((19*pi)/6250)*sin((19*pi)/50))/76,
(1250*cos((153*pi)/50000)*sin((153*pi)/400))/153,
(625*cos((77*pi)/25000)*sin((77*pi)/200))/77,
(250*cos((31*pi)/10000)*sin((31*pi)/80))/31,
(625*cos((39*pi)/12500)*sin((39*pi)/100))/78,
(1250*cos((157*pi)/50000)*sin((157*pi)/400))/157,
(625*cos((79*pi)/25000)*sin((79*pi)/200))/79,
(1250*cos((159*pi)/50000)*sin((159*pi)/400))/159,
(125*2^(1/2)*cos((2*pi)/625)*(5^(1/2) + 5)^(1/2))/64,
(1250*cos((161*pi)/50000)*sin((161*pi)/400))/161,
(625*cos((81*pi)/25000)*sin((81*pi)/200))/81,
(1250*cos((163*pi)/50000)*sin((163*pi)/400))/163,
(625*cos((41*pi)/12500)*sin((41*pi)/100))/82,
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(250*cos((33*pi)/10000)*sin((33*pi)/80))/33,
(625*cos((83*pi)/25000)*sin((83*pi)/200))/83,
(1250*cos((167*pi)/50000)*sin((167*pi)/400))/167,
(625*cos((21*pi)/6250)*sin((21*pi)/50))/84,
(1250*cos((169*pi)/50000)*sin((169*pi)/400))/169,
(125*cos((17*pi)/5000)*sin((17*pi)/40))/17,
(1250*cos((171*pi)/50000)*sin((171*pi)/400))/171,
(625*cos((43*pi)/12500)*sin((43*pi)/100))/86,
(1250*cos((173*pi)/50000)*sin((173*pi)/400))/173,
(625*cos((87*pi)/25000)*sin((87*pi)/200))/87,
(50*cos((7*pi)/2000)*sin((7*pi)/16))/7,
(625*cos((11*pi)/3125)*sin((11*pi)/25))/88,
(1250*cos((177*pi)/50000)*sin((177*pi)/400))/177,
(625*cos((89*pi)/25000)*sin((89*pi)/200))/89,
(1250*cos((179*pi)/50000)*sin((179*pi)/400))/179,
(125*cos((9*pi)/2500)*sin((9*pi)/20))/18,
(1250*cos((181*pi)/50000)*sin((181*pi)/400))/181,
(625*cos((91*pi)/25000)*sin((91*pi)/200))/91,
(1250*cos((183*pi)/50000)*sin((183*pi)/400))/183,
(625*cos((23*pi)/6250)*sin((23*pi)/50))/92,
(250*cos((37*pi)/10000)*sin((37*pi)/80))/37,
(625*cos((93*pi)/25000)*sin((93*pi)/200))/93,
(1250*cos((187*pi)/50000)*sin((187*pi)/400))/187,
(625*cos((47*pi)/12500)*sin((47*pi)/100))/94,
(1250*cos((189*pi)/50000)*sin((189*pi)/400))/189,
(125*cos((19*pi)/5000)*sin((19*pi)/40))/19,
(1250*cos((191*pi)/50000)*sin((191*pi)/400))/191,
(625*cos((12*pi)/3125)*sin((12*pi)/25))/96,
(1250*cos((193*pi)/50000)*sin((193*pi)/400))/193,
(625*cos((97*pi)/25000)*sin((97*pi)/200))/97,
(250*cos((39*pi)/10000)*sin((39*pi)/80))/39,
(625*cos((49*pi)/12500)*sin((49*pi)/100))/98,
(1250*cos((197*pi)/50000)*sin((197*pi)/400))/197,
(625*cos((99*pi)/25000)*sin((99*pi)/200))/99,
(1250*cos((199*pi)/50000)*sin((199*pi)/400))/199,
(25*cos(pi/250))/4,
(1250*cos((201*pi)/50000)*sin((199*pi)/400))/201,
(625*cos((101*pi)/25000)*sin((99*pi)/200))/101,
(1250*cos((203*pi)/50000)*sin((197*pi)/400))/203,
(625*cos((51*pi)/12500)*sin((49*pi)/100))/102,
(250*cos((41*pi)/10000)*sin((39*pi)/80))/41,
(625*cos((103*pi)/25000)*sin((97*pi)/200))/103,
(1250*cos((207*pi)/50000)*sin((193*pi)/400))/207,
(625*cos((13*pi)/3125)*sin((12*pi)/25))/104,
(1250*cos((209*pi)/50000)*sin((191*pi)/400))/209,
(125*cos((21*pi)/5000)*sin((19*pi)/40))/21,
(1250*cos((211*pi)/50000)*sin((189*pi)/400))/211,
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(625*cos((53*pi)/12500)*sin((47*pi)/100))/106,
(1250*cos((213*pi)/50000)*sin((187*pi)/400))/213,
(625*cos((107*pi)/25000)*sin((93*pi)/200))/107,
(250*cos((43*pi)/10000)*sin((37*pi)/80))/43,
(625*cos((27*pi)/6250)*sin((23*pi)/50))/108,
(1250*cos((217*pi)/50000)*sin((183*pi)/400))/217,
(625*cos((109*pi)/25000)*sin((91*pi)/200))/109,
(1250*cos((219*pi)/50000)*sin((181*pi)/400))/219,
(125*cos((11*pi)/2500)*sin((9*pi)/20))/22,
(1250*cos((221*pi)/50000)*sin((179*pi)/400))/221,
(625*cos((111*pi)/25000)*sin((89*pi)/200))/111,
(1250*cos((223*pi)/50000)*sin((177*pi)/400))/223,
(625*cos((14*pi)/3125)*sin((11*pi)/25))/112,
(50*cos((9*pi)/2000)*sin((7*pi)/16))/9,
(625*cos((113*pi)/25000)*sin((87*pi)/200))/113,
(1250*cos((227*pi)/50000)*sin((173*pi)/400))/227,
(625*cos((57*pi)/12500)*sin((43*pi)/100))/114,
(1250*cos((229*pi)/50000)*sin((171*pi)/400))/229,
(125*cos((23*pi)/5000)*sin((17*pi)/40))/23,
(1250*cos((231*pi)/50000)*sin((169*pi)/400))/231,
(625*cos((29*pi)/6250)*sin((21*pi)/50))/116,
(1250*cos((233*pi)/50000)*sin((167*pi)/400))/233,
(625*cos((117*pi)/25000)*sin((83*pi)/200))/117,
(250*cos((47*pi)/10000)*sin((33*pi)/80))/47,
(625*cos((59*pi)/12500)*sin((41*pi)/100))/118,
(1250*cos((237*pi)/50000)*sin((163*pi)/400))/237,
(625*cos((119*pi)/25000)*sin((81*pi)/200))/119,
(1250*cos((239*pi)/50000)*sin((161*pi)/400))/239,
(125*2^(1/2)*cos((3*pi)/625)*(5^(1/2) + 5)^(1/2))/96,
(1250*cos((241*pi)/50000)*sin((159*pi)/400))/241,
(625*cos((121*pi)/25000)*sin((79*pi)/200))/121,
(1250*cos((243*pi)/50000)*sin((157*pi)/400))/243,
(625*cos((61*pi)/12500)*sin((39*pi)/100))/122,
(250*cos((49*pi)/10000)*sin((31*pi)/80))/49,
(625*cos((123*pi)/25000)*sin((77*pi)/200))/123,
(1250*cos((247*pi)/50000)*sin((153*pi)/400))/247,
(625*cos((31*pi)/6250)*sin((19*pi)/50))/124,
(1250*cos((249*pi)/50000)*sin((151*pi)/400))/249,
(5*cos(pi/200)*(2^(1/2) + 2)^(1/2))/2,
(1250*cos((251*pi)/50000)*sin((149*pi)/400))/251,
(625*cos((63*pi)/12500)*sin((37*pi)/100))/126,
(1250*cos((253*pi)/50000)*sin((147*pi)/400))/253,
(625*cos((127*pi)/25000)*sin((73*pi)/200))/127,
(250*cos((51*pi)/10000)*sin((29*pi)/80))/51,
(625*cos((16*pi)/3125)*sin((9*pi)/25))/128,
(1250*cos((257*pi)/50000)*sin((143*pi)/400))/257,
(625*cos((129*pi)/25000)*sin((71*pi)/200))/129,
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(1250*cos((259*pi)/50000)*sin((141*pi)/400))/259,
(125*cos((13*pi)/2500)*sin((7*pi)/20))/26,
(1250*cos((261*pi)/50000)*sin((139*pi)/400))/261,
(625*cos((131*pi)/25000)*sin((69*pi)/200))/131,
(1250*cos((263*pi)/50000)*sin((137*pi)/400))/263,
(625*cos((33*pi)/6250)*sin((17*pi)/50))/132,
(250*cos((53*pi)/10000)*sin((27*pi)/80))/53,
(625*cos((133*pi)/25000)*sin((67*pi)/200))/133,
(1250*cos((267*pi)/50000)*sin((133*pi)/400))/267,
(625*cos((67*pi)/12500)*sin((33*pi)/100))/134,
(1250*cos((269*pi)/50000)*sin((131*pi)/400))/269,
(125*cos((27*pi)/5000)*sin((13*pi)/40))/27,
(1250*cos((271*pi)/50000)*sin((129*pi)/400))/271,
(625*cos((17*pi)/3125)*sin((8*pi)/25))/136,
(1250*cos((273*pi)/50000)*sin((127*pi)/400))/273,
(625*cos((137*pi)/25000)*sin((63*pi)/200))/137,
(50*cos((11*pi)/2000)*sin((5*pi)/16))/11,
(625*cos((69*pi)/12500)*sin((31*pi)/100))/138,
(1250*cos((277*pi)/50000)*sin((123*pi)/400))/277,
(625*cos((139*pi)/25000)*sin((61*pi)/200))/139,
(1250*cos((279*pi)/50000)*sin((121*pi)/400))/279,
(cos((7*pi)/1250)*((125*5^(1/2))/56 + 125/56))/2,
(1250*cos((281*pi)/50000)*sin((119*pi)/400))/281,
(625*cos((141*pi)/25000)*sin((59*pi)/200))/141,
(1250*cos((283*pi)/50000)*sin((117*pi)/400))/283,
(625*cos((71*pi)/12500)*sin((29*pi)/100))/142,
(250*cos((57*pi)/10000)*sin((23*pi)/80))/57,
(625*cos((143*pi)/25000)*sin((57*pi)/200))/143,
(1250*cos((287*pi)/50000)*sin((113*pi)/400))/287,
(625*cos((18*pi)/3125)*sin((7*pi)/25))/144,
(1250*cos((289*pi)/50000)*sin((111*pi)/400))/289,
(125*cos((29*pi)/5000)*sin((11*pi)/40))/29,
(1250*cos((291*pi)/50000)*sin((109*pi)/400))/291,
(625*cos((73*pi)/12500)*sin((27*pi)/100))/146,
(1250*cos((293*pi)/50000)*sin((107*pi)/400))/293,
(625*cos((147*pi)/25000)*sin((53*pi)/200))/147,
(250*cos((59*pi)/10000)*sin((21*pi)/80))/59,
(625*cos((37*pi)/6250)*sin((13*pi)/50))/148,
(1250*cos((297*pi)/50000)*sin((103*pi)/400))/297,
(625*cos((149*pi)/25000)*sin((51*pi)/200))/149,
(1250*cos((299*pi)/50000)*sin((101*pi)/400))/299,
(25*2^(1/2)*cos((3*pi)/500))/12,
(1250*cos((301*pi)/50000)*sin((99*pi)/400))/301,
(625*cos((151*pi)/25000)*sin((49*pi)/200))/151,
(1250*cos((303*pi)/50000)*sin((97*pi)/400))/303,
(625*cos((19*pi)/3125)*sin((6*pi)/25))/152,
(250*cos((61*pi)/10000)*sin((19*pi)/80))/61,
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(625*cos((153*pi)/25000)*sin((47*pi)/200))/153,
(1250*cos((307*pi)/50000)*sin((93*pi)/400))/307,
(625*cos((77*pi)/12500)*sin((23*pi)/100))/154,
(1250*cos((309*pi)/50000)*sin((91*pi)/400))/309,
(125*cos((31*pi)/5000)*sin((9*pi)/40))/31,
(1250*cos((311*pi)/50000)*sin((89*pi)/400))/311,
(625*cos((39*pi)/6250)*sin((11*pi)/50))/156,
(1250*cos((313*pi)/50000)*sin((87*pi)/400))/313,
(625*cos((157*pi)/25000)*sin((43*pi)/200))/157,
(250*cos((63*pi)/10000)*sin((17*pi)/80))/63,
(625*cos((79*pi)/12500)*sin((21*pi)/100))/158,
(1250*cos((317*pi)/50000)*sin((83*pi)/400))/317,
(625*cos((159*pi)/25000)*sin((41*pi)/200))/159,
(1250*cos((319*pi)/50000)*sin((81*pi)/400))/319,
(125*2^(1/2)*cos((4*pi)/625)*(5 - 5^(1/2))^(1/2))/128,
(1250*cos((321*pi)/50000)*sin((79*pi)/400))/321,
(625*cos((161*pi)/25000)*sin((39*pi)/200))/161,
(1250*cos((323*pi)/50000)*sin((77*pi)/400))/323,
(625*cos((81*pi)/12500)*sin((19*pi)/100))/162,
(50*cos((13*pi)/2000)*sin((3*pi)/16))/13,
(625*cos((163*pi)/25000)*sin((37*pi)/200))/163,
(1250*cos((327*pi)/50000)*sin((73*pi)/400))/327,
(625*cos((41*pi)/6250)*sin((9*pi)/50))/164,
(1250*cos((329*pi)/50000)*sin((71*pi)/400))/329,
(125*cos((33*pi)/5000)*sin((7*pi)/40))/33,
(1250*cos((331*pi)/50000)*sin((69*pi)/400))/331,
(625*cos((83*pi)/12500)*sin((17*pi)/100))/166,
(1250*cos((333*pi)/50000)*sin((67*pi)/400))/333,
(625*cos((167*pi)/25000)*sin((33*pi)/200))/167,
(250*cos((67*pi)/10000)*sin((13*pi)/80))/67,
(625*cos((21*pi)/3125)*sin((4*pi)/25))/168,
(1250*cos((337*pi)/50000)*sin((63*pi)/400))/337,
(625*cos((169*pi)/25000)*sin((31*pi)/200))/169,
(1250*cos((339*pi)/50000)*sin((61*pi)/400))/339,
(125*cos((17*pi)/2500)*sin((3*pi)/20))/34,
(1250*cos((341*pi)/50000)*sin((59*pi)/400))/341,
(625*cos((171*pi)/25000)*sin((29*pi)/200))/171,
(1250*cos((343*pi)/50000)*sin((57*pi)/400))/343,
(625*cos((43*pi)/6250)*sin((7*pi)/50))/172,
(250*cos((69*pi)/10000)*sin((11*pi)/80))/69,
(625*cos((173*pi)/25000)*sin((27*pi)/200))/173,
(1250*cos((347*pi)/50000)*sin((53*pi)/400))/347,
(625*cos((87*pi)/12500)*sin((13*pi)/100))/174,
(1250*cos((349*pi)/50000)*sin((51*pi)/400))/349,
(25*cos((7*pi)/1000)*(2 - 2^(1/2))^(1/2))/14,
(1250*cos((351*pi)/50000)*sin((49*pi)/400))/351,
(625*cos((22*pi)/3125)*sin((3*pi)/25))/176,
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(1250*cos((353*pi)/50000)*sin((47*pi)/400))/353,
(625*cos((177*pi)/25000)*sin((23*pi)/200))/177,
(250*cos((71*pi)/10000)*sin((9*pi)/80))/71,
(625*cos((89*pi)/12500)*sin((11*pi)/100))/178,
(1250*cos((357*pi)/50000)*sin((43*pi)/400))/357,
(625*cos((179*pi)/25000)*sin((21*pi)/200))/179,
(1250*cos((359*pi)/50000)*sin((41*pi)/400))/359,
(cos((9*pi)/1250)*((125*5^(1/2))/72 - 125/72))/2,
(1250*cos((361*pi)/50000)*sin((39*pi)/400))/361,
(625*cos((181*pi)/25000)*sin((19*pi)/200))/181,
(1250*cos((363*pi)/50000)*sin((37*pi)/400))/363,
(625*cos((91*pi)/12500)*sin((9*pi)/100))/182,
(250*cos((73*pi)/10000)*sin((7*pi)/80))/73,
(625*cos((183*pi)/25000)*sin((17*pi)/200))/183,
(1250*cos((367*pi)/50000)*sin((33*pi)/400))/367,
(625*cos((23*pi)/3125)*sin((2*pi)/25))/184,
(1250*cos((369*pi)/50000)*sin((31*pi)/400))/369,
(125*cos((37*pi)/5000)*sin((3*pi)/40))/37,
(1250*cos((371*pi)/50000)*sin((29*pi)/400))/371,
(625*cos((93*pi)/12500)*sin((7*pi)/100))/186,
(1250*cos((373*pi)/50000)*sin((27*pi)/400))/373,
(625*cos((187*pi)/25000)*sin((13*pi)/200))/187,
(10*cos((3*pi)/400)*sin(pi/16))/3,
(625*cos((47*pi)/6250)*sin((3*pi)/50))/188,
(1250*cos((377*pi)/50000)*sin((23*pi)/400))/377,
(625*cos((189*pi)/25000)*sin((11*pi)/200))/189,
(1250*cos((379*pi)/50000)*sin((21*pi)/400))/379,
(125*cos((19*pi)/2500)*sin(pi/20))/38,
(1250*cos((381*pi)/50000)*sin((19*pi)/400))/381,
(625*cos((191*pi)/25000)*sin((9*pi)/200))/191,
(1250*cos((383*pi)/50000)*sin((17*pi)/400))/383,
(625*cos((24*pi)/3125)*sin(pi/25))/192,
(250*cos((77*pi)/10000)*sin((3*pi)/80))/77,
(625*cos((193*pi)/25000)*sin((7*pi)/200))/193,
(1250*cos((387*pi)/50000)*sin((13*pi)/400))/387,
(625*cos((97*pi)/12500)*sin((3*pi)/100))/194,
(1250*cos((389*pi)/50000)*sin((11*pi)/400))/389,
(125*cos((39*pi)/5000)*sin(pi/40))/39,
(1250*cos((391*pi)/50000)*sin((9*pi)/400))/391,
(625*cos((49*pi)/6250)*sin(pi/50))/196,
(1250*cos((393*pi)/50000)*sin((7*pi)/400))/393,
(625*cos((197*pi)/25000)*sin((3*pi)/200))/197,
(250*cos((79*pi)/10000)*sin(pi/80))/79,
(625*cos((99*pi)/12500)*sin(pi/100))/198,
(1250*cos((397*pi)/50000)*sin((3*pi)/400))/397,
(625*cos((199*pi)/25000)*sin(pi/200))/199,
(1250*cos((399*pi)/50000)*sin(pi/400))/399, 0, -
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(1250*cos((401*pi)/50000)*sin(pi/400))/401, -
(625*cos((201*pi)/25000)*sin(pi/200))/201, -
(1250*cos((403*pi)/50000)*sin((3*pi)/400))/403, -
(625*cos((101*pi)/12500)*sin(pi/100))/202, -
(250*cos((81*pi)/10000)*sin(pi/80))/81, -
(625*cos((203*pi)/25000)*sin((3*pi)/200))/203, -
(1250*cos((407*pi)/50000)*sin((7*pi)/400))/407, -
(625*cos((51*pi)/6250)*sin(pi/50))/204, -
(1250*cos((409*pi)/50000)*sin((9*pi)/400))/409, -
(125*cos((41*pi)/5000)*sin(pi/40))/41, -
(1250*cos((411*pi)/50000)*sin((11*pi)/400))/411, -
(625*cos((103*pi)/12500)*sin((3*pi)/100))/206, -
(1250*cos((413*pi)/50000)*sin((13*pi)/400))/413, -
(625*cos((207*pi)/25000)*sin((7*pi)/200))/207, -
(250*cos((83*pi)/10000)*sin((3*pi)/80))/83, -
(625*cos((26*pi)/3125)*sin(pi/25))/208, -
(1250*cos((417*pi)/50000)*sin((17*pi)/400))/417, -
(625*cos((209*pi)/25000)*sin((9*pi)/200))/209, -
(1250*cos((419*pi)/50000)*sin((19*pi)/400))/419, -
(125*cos((21*pi)/2500)*sin(pi/20))/42, -
(1250*cos((421*pi)/50000)*sin((21*pi)/400))/421, -
(625*cos((211*pi)/25000)*sin((11*pi)/200))/211, -
(1250*cos((423*pi)/50000)*sin((23*pi)/400))/423, -
(625*cos((53*pi)/6250)*sin((3*pi)/50))/212, -
(50*cos((17*pi)/2000)*sin(pi/16))/17, -
(625*cos((213*pi)/25000)*sin((13*pi)/200))/213, -
(1250*cos((427*pi)/50000)*sin((27*pi)/400))/427, -
(625*cos((107*pi)/12500)*sin((7*pi)/100))/214, -
(1250*cos((429*pi)/50000)*sin((29*pi)/400))/429, -
(125*cos((43*pi)/5000)*sin((3*pi)/40))/43, -
(1250*cos((431*pi)/50000)*sin((31*pi)/400))/431, -
(625*cos((27*pi)/3125)*sin((2*pi)/25))/216, -
(1250*cos((433*pi)/50000)*sin((33*pi)/400))/433, -
(625*cos((217*pi)/25000)*sin((17*pi)/200))/217, -
(250*cos((87*pi)/10000)*sin((7*pi)/80))/87, -
(625*cos((109*pi)/12500)*sin((9*pi)/100))/218, -
(1250*cos((437*pi)/50000)*sin((37*pi)/400))/437, -
(625*cos((219*pi)/25000)*sin((19*pi)/200))/219, -
(1250*cos((439*pi)/50000)*sin((39*pi)/400))/439, -
(cos((11*pi)/1250)*((125*5^(1/2))/88 - 125/88))/2, -
(1250*cos((441*pi)/50000)*sin((41*pi)/400))/441, -
(625*cos((221*pi)/25000)*sin((21*pi)/200))/221, -
(1250*cos((443*pi)/50000)*sin((43*pi)/400))/443, -
(625*cos((111*pi)/12500)*sin((11*pi)/100))/222, -
(250*cos((89*pi)/10000)*sin((9*pi)/80))/89, -
(625*cos((223*pi)/25000)*sin((23*pi)/200))/223, -
(1250*cos((447*pi)/50000)*sin((47*pi)/400))/447, -
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(625*cos((28*pi)/3125)*sin((3*pi)/25))/224, -
(1250*cos((449*pi)/50000)*sin((49*pi)/400))/449, -
(25*cos((9*pi)/1000)*(2 - 2^(1/2))^(1/2))/18, -
(1250*cos((451*pi)/50000)*sin((51*pi)/400))/451, -
(625*cos((113*pi)/12500)*sin((13*pi)/100))/226, -
(1250*cos((453*pi)/50000)*sin((53*pi)/400))/453, -
(625*cos((227*pi)/25000)*sin((27*pi)/200))/227, -
(250*cos((91*pi)/10000)*sin((11*pi)/80))/91, -
(625*cos((57*pi)/6250)*sin((7*pi)/50))/228, -
(1250*cos((457*pi)/50000)*sin((57*pi)/400))/457, -
(625*cos((229*pi)/25000)*sin((29*pi)/200))/229, -
(1250*cos((459*pi)/50000)*sin((59*pi)/400))/459, -
(125*cos((23*pi)/2500)*sin((3*pi)/20))/46, -
(1250*cos((461*pi)/50000)*sin((61*pi)/400))/461, -
(625*cos((231*pi)/25000)*sin((31*pi)/200))/231, -
(1250*cos((463*pi)/50000)*sin((63*pi)/400))/463, -
(625*cos((29*pi)/3125)*sin((4*pi)/25))/232, -
(250*cos((93*pi)/10000)*sin((13*pi)/80))/93, -
(625*cos((233*pi)/25000)*sin((33*pi)/200))/233, -
(1250*cos((467*pi)/50000)*sin((67*pi)/400))/467, -
(625*cos((117*pi)/12500)*sin((17*pi)/100))/234, -
(1250*cos((469*pi)/50000)*sin((69*pi)/400))/469, -
(125*cos((47*pi)/5000)*sin((7*pi)/40))/47, -
(1250*cos((471*pi)/50000)*sin((71*pi)/400))/471, -
(625*cos((59*pi)/6250)*sin((9*pi)/50))/236, -
(1250*cos((473*pi)/50000)*sin((73*pi)/400))/473, -
(625*cos((237*pi)/25000)*sin((37*pi)/200))/237, -
(50*cos((19*pi)/2000)*sin((3*pi)/16))/19, -
(625*cos((119*pi)/12500)*sin((19*pi)/100))/238, -
(1250*cos((477*pi)/50000)*sin((77*pi)/400))/477, -
(625*cos((239*pi)/25000)*sin((39*pi)/200))/239, -
(1250*cos((479*pi)/50000)*sin((79*pi)/400))/479, -
(125*2^(1/2)*cos((6*pi)/625)*(5 - 5^(1/2))^(1/2))/192, -
(1250*cos((481*pi)/50000)*sin((81*pi)/400))/481, -
(625*cos((241*pi)/25000)*sin((41*pi)/200))/241, -
(1250*cos((483*pi)/50000)*sin((83*pi)/400))/483, -
(625*cos((121*pi)/12500)*sin((21*pi)/100))/242, -
(250*cos((97*pi)/10000)*sin((17*pi)/80))/97, -
(625*cos((243*pi)/25000)*sin((43*pi)/200))/243, -
(1250*cos((487*pi)/50000)*sin((87*pi)/400))/487, -
(625*cos((61*pi)/6250)*sin((11*pi)/50))/244, -
(1250*cos((489*pi)/50000)*sin((89*pi)/400))/489, -
(125*cos((49*pi)/5000)*sin((9*pi)/40))/49, -
(1250*cos((491*pi)/50000)*sin((91*pi)/400))/491, -
(625*cos((123*pi)/12500)*sin((23*pi)/100))/246, -
(1250*cos((493*pi)/50000)*sin((93*pi)/400))/493, -
(625*cos((247*pi)/25000)*sin((47*pi)/200))/247, -
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(250*cos((99*pi)/10000)*sin((19*pi)/80))/99, -
(625*cos((31*pi)/3125)*sin((6*pi)/25))/248, -
(1250*cos((497*pi)/50000)*sin((97*pi)/400))/497, -
(625*cos((249*pi)/25000)*sin((49*pi)/200))/249, -
(1250*cos((499*pi)/50000)*sin((99*pi)/400))/499, -
(5*2^(1/2)*cos(pi/100))/4, -
(1250*cos((501*pi)/50000)*sin((101*pi)/400))/501, -
(625*cos((251*pi)/25000)*sin((51*pi)/200))/251, -
(1250*cos((503*pi)/50000)*sin((103*pi)/400))/503, -
(625*cos((63*pi)/6250)*sin((13*pi)/50))/252, -
(250*cos((101*pi)/10000)*sin((21*pi)/80))/101, -
(625*cos((253*pi)/25000)*sin((53*pi)/200))/253, -
(1250*cos((507*pi)/50000)*sin((107*pi)/400))/507, -
(625*cos((127*pi)/12500)*sin((27*pi)/100))/254, -
(1250*cos((509*pi)/50000)*sin((109*pi)/400))/509, -
(125*cos((51*pi)/5000)*sin((11*pi)/40))/51, -
(1250*cos((511*pi)/50000)*sin((111*pi)/400))/511, -
(625*cos((32*pi)/3125)*sin((7*pi)/25))/256, -
(1250*cos((513*pi)/50000)*sin((113*pi)/400))/513, -
(625*cos((257*pi)/25000)*sin((57*pi)/200))/257, -
(250*cos((103*pi)/10000)*sin((23*pi)/80))/103, -
(625*cos((129*pi)/12500)*sin((29*pi)/100))/258, -
(1250*cos((517*pi)/50000)*sin((117*pi)/400))/517, -
(625*cos((259*pi)/25000)*sin((59*pi)/200))/259, -
(1250*cos((519*pi)/50000)*sin((119*pi)/400))/519, -
(cos((13*pi)/1250)*((125*5^(1/2))/104 + 125/104))/2, -
(1250*cos((521*pi)/50000)*sin((121*pi)/400))/521, -
(625*cos((261*pi)/25000)*sin((61*pi)/200))/261, -
(1250*cos((523*pi)/50000)*sin((123*pi)/400))/523, -
(625*cos((131*pi)/12500)*sin((31*pi)/100))/262, -
(50*cos((21*pi)/2000)*sin((5*pi)/16))/21, -
(625*cos((263*pi)/25000)*sin((63*pi)/200))/263, -
(1250*cos((527*pi)/50000)*sin((127*pi)/400))/527, -
(625*cos((33*pi)/3125)*sin((8*pi)/25))/264, -
(1250*cos((529*pi)/50000)*sin((129*pi)/400))/529, -
(125*cos((53*pi)/5000)*sin((13*pi)/40))/53, -
(1250*cos((531*pi)/50000)*sin((131*pi)/400))/531, -
(625*cos((133*pi)/12500)*sin((33*pi)/100))/266, -
(1250*cos((533*pi)/50000)*sin((133*pi)/400))/533, -
(625*cos((267*pi)/25000)*sin((67*pi)/200))/267, -
(250*cos((107*pi)/10000)*sin((27*pi)/80))/107, -
(625*cos((67*pi)/6250)*sin((17*pi)/50))/268, -
(1250*cos((537*pi)/50000)*sin((137*pi)/400))/537, -
(625*cos((269*pi)/25000)*sin((69*pi)/200))/269, -
(1250*cos((539*pi)/50000)*sin((139*pi)/400))/539, -
(125*cos((27*pi)/2500)*sin((7*pi)/20))/54, -
(1250*cos((541*pi)/50000)*sin((141*pi)/400))/541, -
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(625*cos((271*pi)/25000)*sin((71*pi)/200))/271, -
(1250*cos((543*pi)/50000)*sin((143*pi)/400))/543, -
(625*cos((34*pi)/3125)*sin((9*pi)/25))/272, -
(250*cos((109*pi)/10000)*sin((29*pi)/80))/109, -
(625*cos((273*pi)/25000)*sin((73*pi)/200))/273, -
(1250*cos((547*pi)/50000)*sin((147*pi)/400))/547, -
(625*cos((137*pi)/12500)*sin((37*pi)/100))/274, -
(1250*cos((549*pi)/50000)*sin((149*pi)/400))/549, -
(25*cos((11*pi)/1000)*(2^(1/2) + 2)^(1/2))/22, -
(1250*cos((551*pi)/50000)*sin((151*pi)/400))/551, -
(625*cos((69*pi)/6250)*sin((19*pi)/50))/276, -
(1250*cos((553*pi)/50000)*sin((153*pi)/400))/553, -
(625*cos((277*pi)/25000)*sin((77*pi)/200))/277, -
(250*cos((111*pi)/10000)*sin((31*pi)/80))/111, -
(625*cos((139*pi)/12500)*sin((39*pi)/100))/278, -
(1250*cos((557*pi)/50000)*sin((157*pi)/400))/557, -
(625*cos((279*pi)/25000)*sin((79*pi)/200))/279, -
(1250*cos((559*pi)/50000)*sin((159*pi)/400))/559, -
(125*2^(1/2)*cos((7*pi)/625)*(5^(1/2) + 5)^(1/2))/224, -
(1250*cos((561*pi)/50000)*sin((161*pi)/400))/561, -
(625*cos((281*pi)/25000)*sin((81*pi)/200))/281, -
(1250*cos((563*pi)/50000)*sin((163*pi)/400))/563, -
(625*cos((141*pi)/12500)*sin((41*pi)/100))/282, -
(250*cos((113*pi)/10000)*sin((33*pi)/80))/113, -
(625*cos((283*pi)/25000)*sin((83*pi)/200))/283, -
(1250*cos((567*pi)/50000)*sin((167*pi)/400))/567, -
(625*cos((71*pi)/6250)*sin((21*pi)/50))/284, -
(1250*cos((569*pi)/50000)*sin((169*pi)/400))/569, -
(125*cos((57*pi)/5000)*sin((17*pi)/40))/57, -
(1250*cos((571*pi)/50000)*sin((171*pi)/400))/571, -
(625*cos((143*pi)/12500)*sin((43*pi)/100))/286, -
(1250*cos((573*pi)/50000)*sin((173*pi)/400))/573, -
(625*cos((287*pi)/25000)*sin((87*pi)/200))/287, -
(50*cos((23*pi)/2000)*sin((7*pi)/16))/23, -
(625*cos((36*pi)/3125)*sin((11*pi)/25))/288, -
(1250*cos((577*pi)/50000)*sin((177*pi)/400))/577, -
(625*cos((289*pi)/25000)*sin((89*pi)/200))/289, -
(1250*cos((579*pi)/50000)*sin((179*pi)/400))/579, -
(125*cos((29*pi)/2500)*sin((9*pi)/20))/58, -
(1250*cos((581*pi)/50000)*sin((181*pi)/400))/581, -
(625*cos((291*pi)/25000)*sin((91*pi)/200))/291, -
(1250*cos((583*pi)/50000)*sin((183*pi)/400))/583, -
(625*cos((73*pi)/6250)*sin((23*pi)/50))/292, -
(250*cos((117*pi)/10000)*sin((37*pi)/80))/117, -
(625*cos((293*pi)/25000)*sin((93*pi)/200))/293, -
(1250*cos((587*pi)/50000)*sin((187*pi)/400))/587, -
(625*cos((147*pi)/12500)*sin((47*pi)/100))/294, -
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(1250*cos((589*pi)/50000)*sin((189*pi)/400))/589, -
(125*cos((59*pi)/5000)*sin((19*pi)/40))/59, -
(1250*cos((591*pi)/50000)*sin((191*pi)/400))/591, -
(625*cos((37*pi)/3125)*sin((12*pi)/25))/296, -
(1250*cos((593*pi)/50000)*sin((193*pi)/400))/593, -
(625*cos((297*pi)/25000)*sin((97*pi)/200))/297, -
(250*cos((119*pi)/10000)*sin((39*pi)/80))/119, -
(625*cos((149*pi)/12500)*sin((49*pi)/100))/298, -
(1250*cos((597*pi)/50000)*sin((197*pi)/400))/597, -
(625*cos((299*pi)/25000)*sin((99*pi)/200))/299, -
(1250*cos((599*pi)/50000)*sin((199*pi)/400))/599, -
(25*cos((3*pi)/250))/12, -
(1250*cos((601*pi)/50000)*sin((199*pi)/400))/601, -
(625*cos((301*pi)/25000)*sin((99*pi)/200))/301, -
(1250*cos((603*pi)/50000)*sin((197*pi)/400))/603, -
(625*cos((151*pi)/12500)*sin((49*pi)/100))/302, -
(250*cos((121*pi)/10000)*sin((39*pi)/80))/121, -
(625*cos((303*pi)/25000)*sin((97*pi)/200))/303, -
(1250*cos((607*pi)/50000)*sin((193*pi)/400))/607, -
(625*cos((38*pi)/3125)*sin((12*pi)/25))/304, -
(1250*cos((609*pi)/50000)*sin((191*pi)/400))/609, -
(125*cos((61*pi)/5000)*sin((19*pi)/40))/61, -
(1250*cos((611*pi)/50000)*sin((189*pi)/400))/611, -
(625*cos((153*pi)/12500)*sin((47*pi)/100))/306, -
(1250*cos((613*pi)/50000)*sin((187*pi)/400))/613, -
(625*cos((307*pi)/25000)*sin((93*pi)/200))/307, -
(250*cos((123*pi)/10000)*sin((37*pi)/80))/123, -
(625*cos((77*pi)/6250)*sin((23*pi)/50))/308, -
(1250*cos((617*pi)/50000)*sin((183*pi)/400))/617, -
(625*cos((309*pi)/25000)*sin((91*pi)/200))/309, -
(1250*cos((619*pi)/50000)*sin((181*pi)/400))/619, -
(125*cos((31*pi)/2500)*sin((9*pi)/20))/62, -
(1250*cos((621*pi)/50000)*sin((179*pi)/400))/621, -
(625*cos((311*pi)/25000)*sin((89*pi)/200))/311, -
(1250*cos((623*pi)/50000)*sin((177*pi)/400))/623, -
(625*cos((39*pi)/3125)*sin((11*pi)/25))/312, -
2*cos(pi/80)*sin((7*pi)/16), -
(625*cos((313*pi)/25000)*sin((87*pi)/200))/313, -
(1250*cos((627*pi)/50000)*sin((173*pi)/400))/627, -
(625*cos((157*pi)/12500)*sin((43*pi)/100))/314, -
(1250*cos((629*pi)/50000)*sin((171*pi)/400))/629, -
(125*cos((63*pi)/5000)*sin((17*pi)/40))/63, -
(1250*cos((631*pi)/50000)*sin((169*pi)/400))/631, -
(625*cos((79*pi)/6250)*sin((21*pi)/50))/316, -
(1250*cos((633*pi)/50000)*sin((167*pi)/400))/633, -
(625*cos((317*pi)/25000)*sin((83*pi)/200))/317, -
(250*cos((127*pi)/10000)*sin((33*pi)/80))/127, -
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(625*cos((159*pi)/12500)*sin((41*pi)/100))/318, -
(1250*cos((637*pi)/50000)*sin((163*pi)/400))/637, -
(625*cos((319*pi)/25000)*sin((81*pi)/200))/319, -
(1250*cos((639*pi)/50000)*sin((161*pi)/400))/639, -
(125*2^(1/2)*cos((8*pi)/625)*(5^(1/2) + 5)^(1/2))/256, -
(1250*cos((641*pi)/50000)*sin((159*pi)/400))/641, -
(625*cos((321*pi)/25000)*sin((79*pi)/200))/321, -
(1250*cos((643*pi)/50000)*sin((157*pi)/400))/643, -
(625*cos((161*pi)/12500)*sin((39*pi)/100))/322, -
(250*cos((129*pi)/10000)*sin((31*pi)/80))/129, -
(625*cos((323*pi)/25000)*sin((77*pi)/200))/323, -
(1250*cos((647*pi)/50000)*sin((153*pi)/400))/647, -
(625*cos((81*pi)/6250)*sin((19*pi)/50))/324, -
(1250*cos((649*pi)/50000)*sin((151*pi)/400))/649, -
(25*cos((13*pi)/1000)*(2^(1/2) + 2)^(1/2))/26, -
(1250*cos((651*pi)/50000)*sin((149*pi)/400))/651, -
(625*cos((163*pi)/12500)*sin((37*pi)/100))/326, -
(1250*cos((653*pi)/50000)*sin((147*pi)/400))/653, -
(625*cos((327*pi)/25000)*sin((73*pi)/200))/327, -
(250*cos((131*pi)/10000)*sin((29*pi)/80))/131, -
(625*cos((41*pi)/3125)*sin((9*pi)/25))/328, -
(1250*cos((657*pi)/50000)*sin((143*pi)/400))/657, -
(625*cos((329*pi)/25000)*sin((71*pi)/200))/329, -
(1250*cos((659*pi)/50000)*sin((141*pi)/400))/659, -
(125*cos((33*pi)/2500)*sin((7*pi)/20))/66, -
(1250*cos((661*pi)/50000)*sin((139*pi)/400))/661, -
(625*cos((331*pi)/25000)*sin((69*pi)/200))/331, -
(1250*cos((663*pi)/50000)*sin((137*pi)/400))/663, -
(625*cos((83*pi)/6250)*sin((17*pi)/50))/332, -
(250*cos((133*pi)/10000)*sin((27*pi)/80))/133, -
(625*cos((333*pi)/25000)*sin((67*pi)/200))/333, -
(1250*cos((667*pi)/50000)*sin((133*pi)/400))/667, -
(625*cos((167*pi)/12500)*sin((33*pi)/100))/334, -
(1250*cos((669*pi)/50000)*sin((131*pi)/400))/669, -
(125*cos((67*pi)/5000)*sin((13*pi)/40))/67, -
(1250*cos((671*pi)/50000)*sin((129*pi)/400))/671, -
(625*cos((42*pi)/3125)*sin((8*pi)/25))/336, -
(1250*cos((673*pi)/50000)*sin((127*pi)/400))/673, -
(625*cos((337*pi)/25000)*sin((63*pi)/200))/337, -
(50*cos((27*pi)/2000)*sin((5*pi)/16))/27, -
(625*cos((169*pi)/12500)*sin((31*pi)/100))/338, -
(1250*cos((677*pi)/50000)*sin((123*pi)/400))/677, -
(625*cos((339*pi)/25000)*sin((61*pi)/200))/339, -
(1250*cos((679*pi)/50000)*sin((121*pi)/400))/679, -
(cos((17*pi)/1250)*((125*5^(1/2))/136 + 125/136))/2, -
(1250*cos((681*pi)/50000)*sin((119*pi)/400))/681, -
(625*cos((341*pi)/25000)*sin((59*pi)/200))/341, -
```

```
(1250*cos((683*pi)/50000)*sin((117*pi)/400))/683, -
(625*cos((171*pi)/12500)*sin((29*pi)/100))/342, -
(250*cos((137*pi)/10000)*sin((23*pi)/80))/137, -
(625*cos((343*pi)/25000)*sin((57*pi)/200))/343, -
(1250*cos((687*pi)/50000)*sin((113*pi)/400))/687, -
(625*cos((43*pi)/3125)*sin((7*pi)/25))/344, -
(1250*cos((689*pi)/50000)*sin((111*pi)/400))/689, -
(125*cos((69*pi)/5000)*sin((11*pi)/40))/69, -
(1250*cos((691*pi)/50000)*sin((109*pi)/400))/691, -
(625*cos((173*pi)/12500)*sin((27*pi)/100))/346, -
(1250*cos((693*pi)/50000)*sin((107*pi)/400))/693, -
(625*cos((347*pi)/25000)*sin((53*pi)/200))/347, -
(250*cos((139*pi)/10000)*sin((21*pi)/80))/... Output truncated.
Text exceeds maximum line length for Command Window display.

>>
```