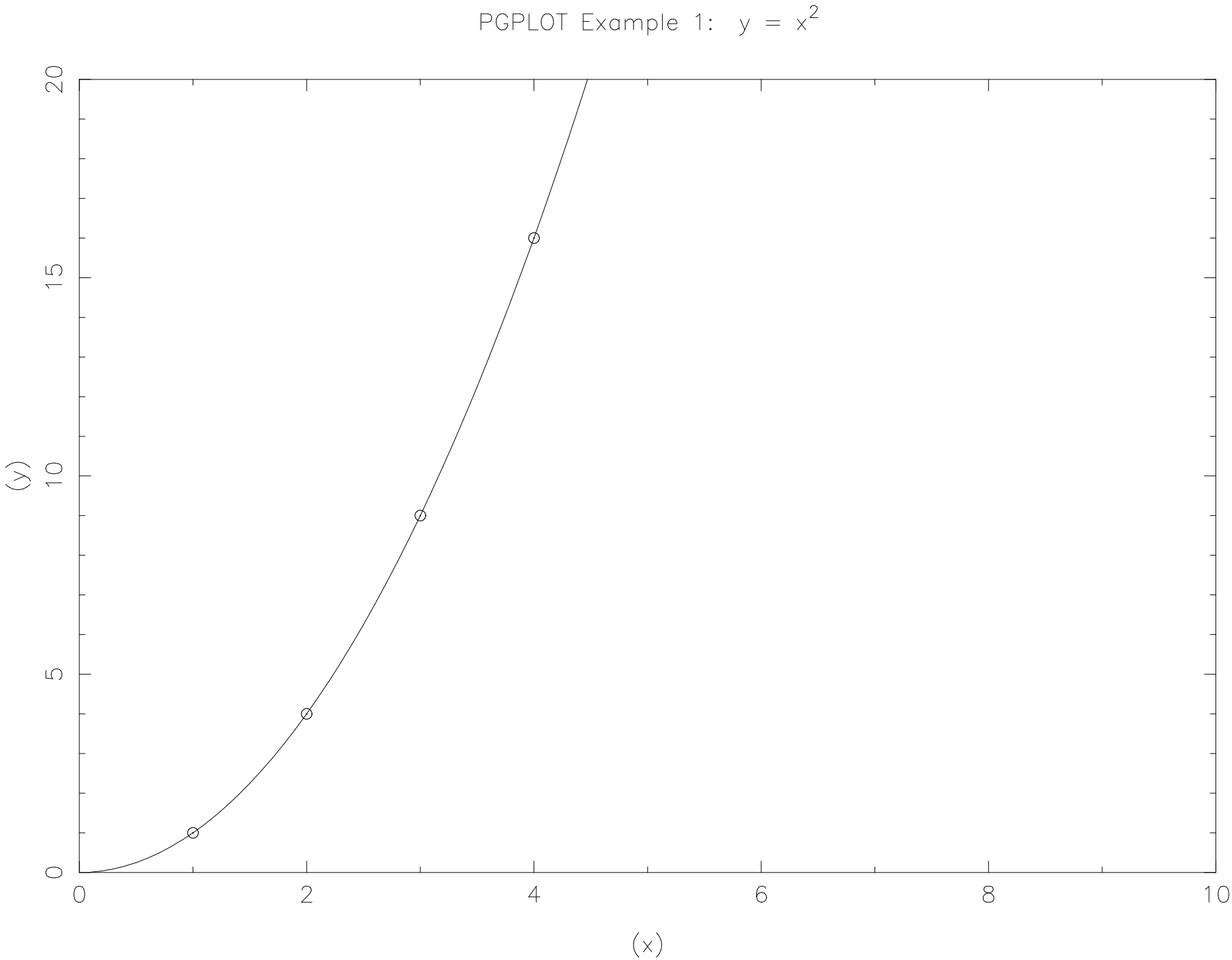
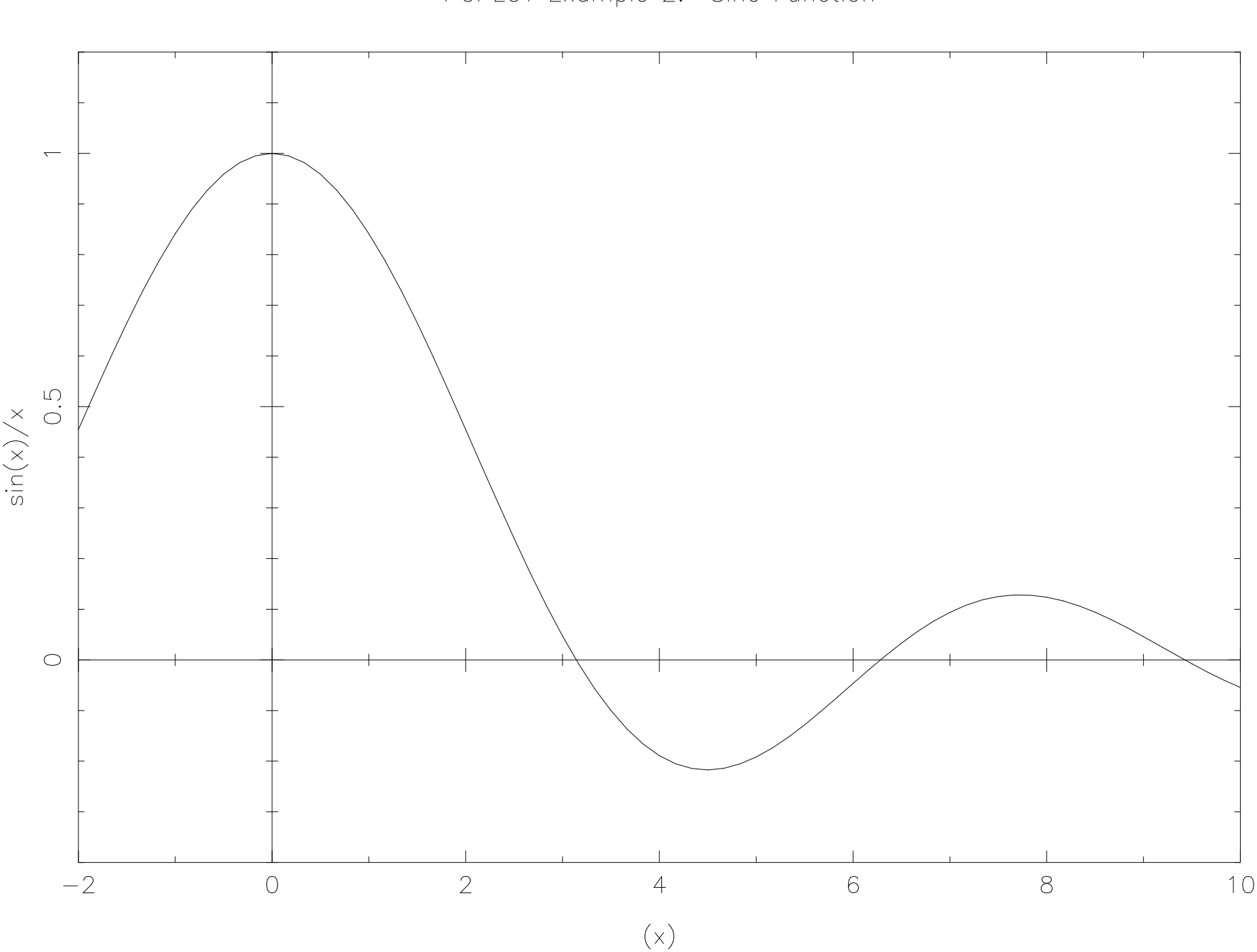
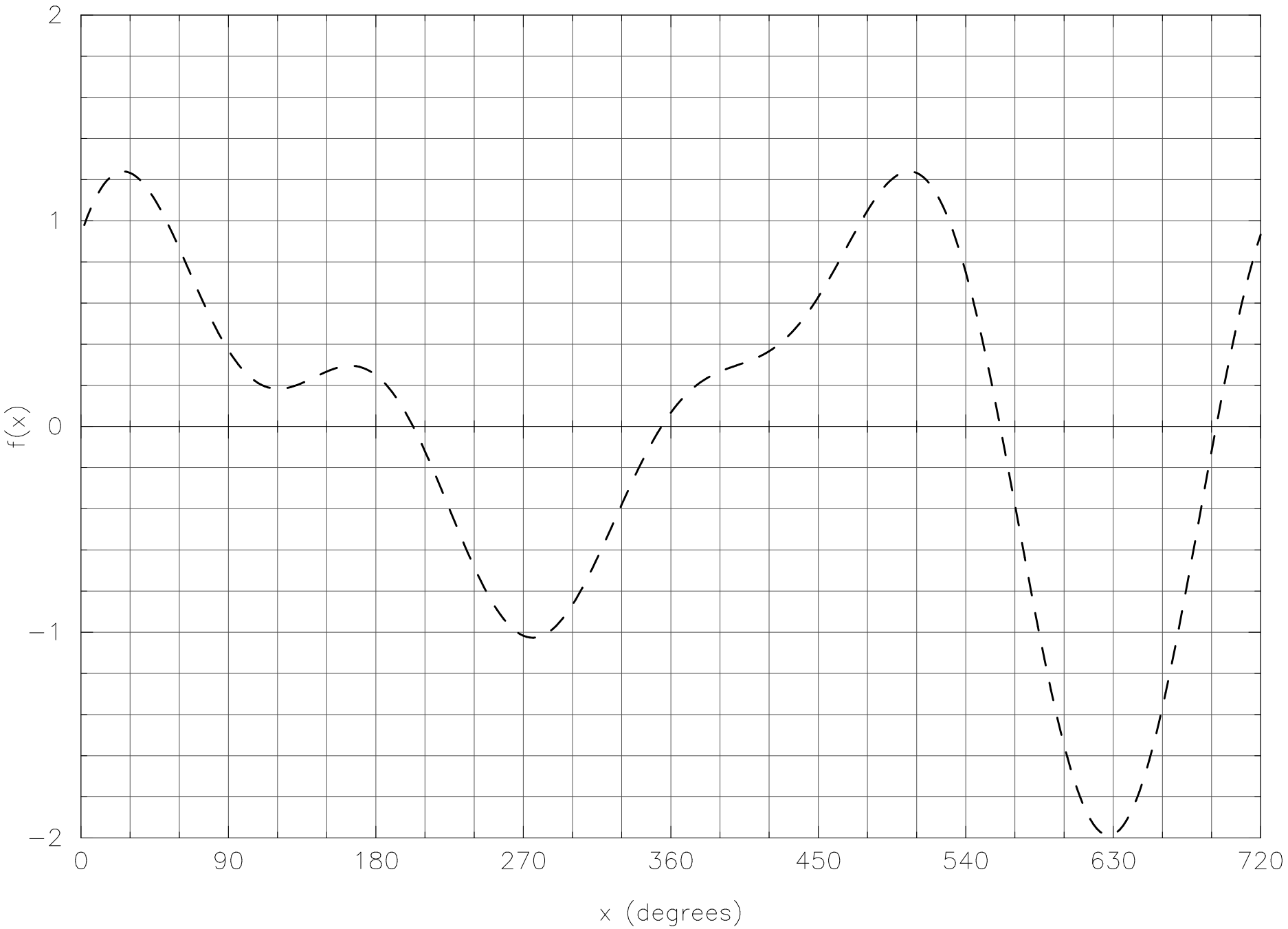
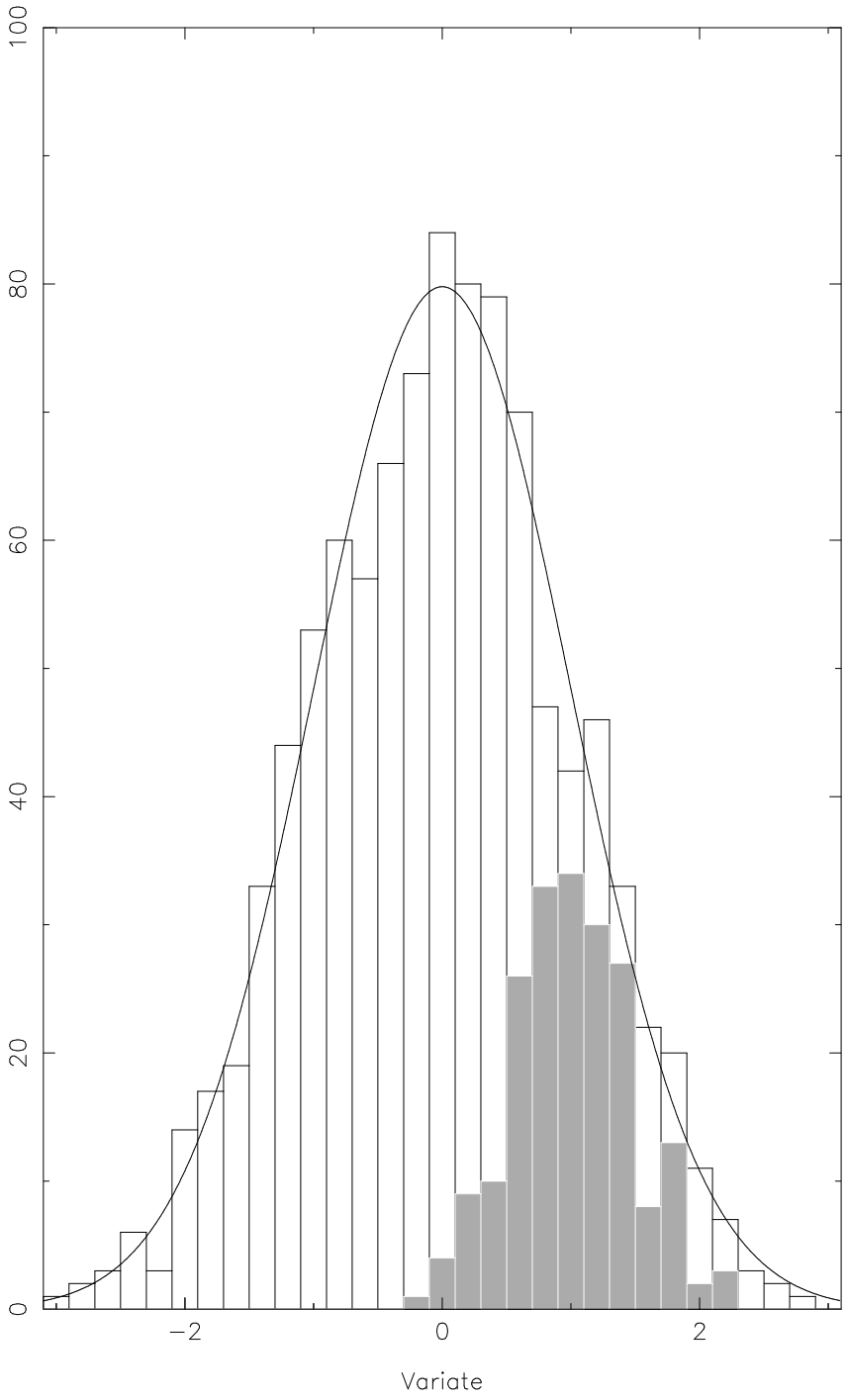
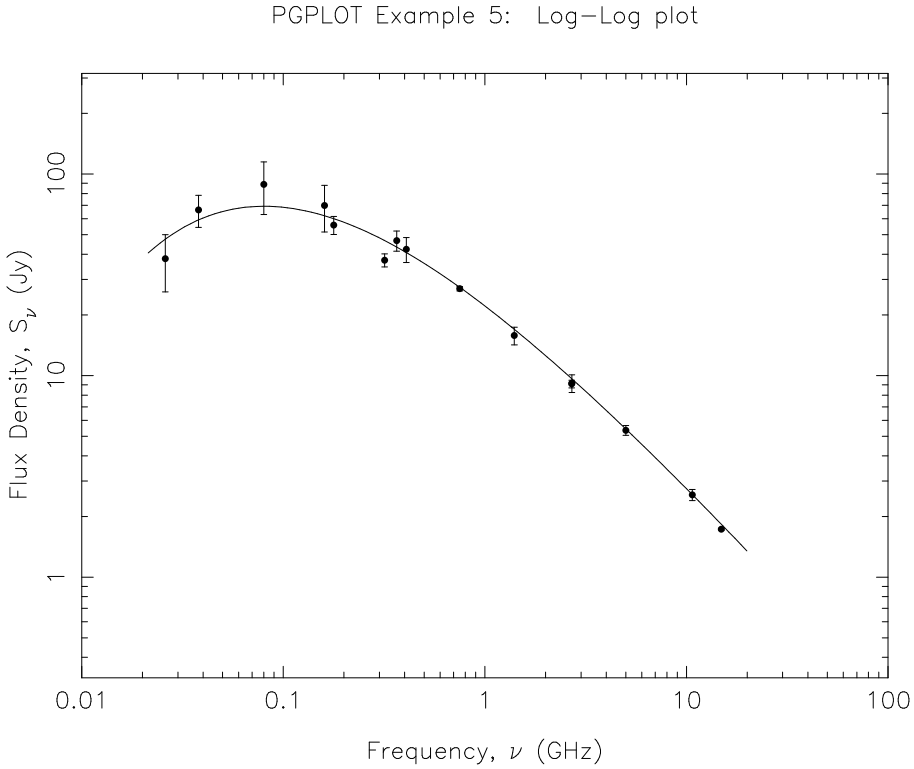

PGPLOT Example 1: y = x^2
0
5
10
15
20
(y)
0
2
4
6
8
10
(x)


PGPLOT Example 2: Sinc Function
sin(x)/x
1
0.5
0
−2
0
2
4
6
8
10
(x)

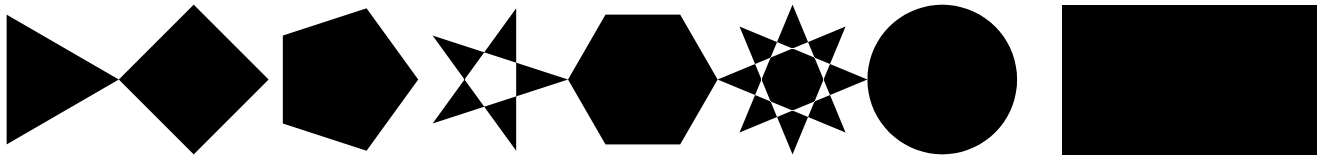

PGPLOT Example 3
2
1
0
−1
−2
f(x)
0
90
180
270
360
450
540
630
720
x (degrees)


PGPLOT Example 4: Histograms (Gaussian)
0
20
40
60
80
100
−2
0
2
Variate

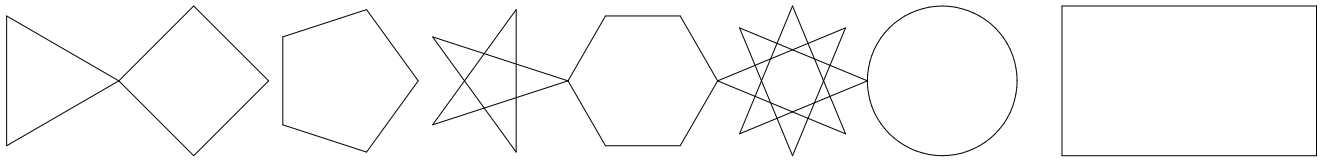

PGPLOT Example 5: Log−Log plot
Flux Density, S_ν (Jy)
1
10
100
0.01
0.1
1
10
100
Frequency, ν (GHz)

PGPLOT fill area: routines PGPOLY, PGCIRC, PGRECT

Fill style 1 (solid)

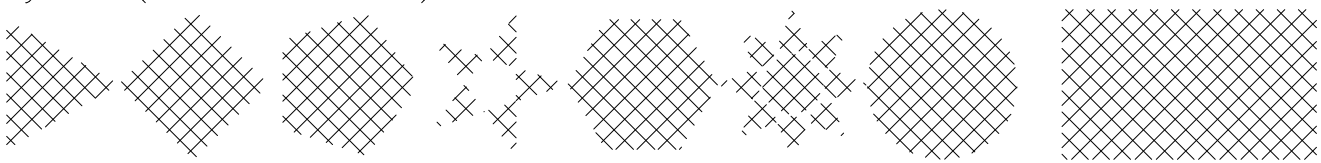


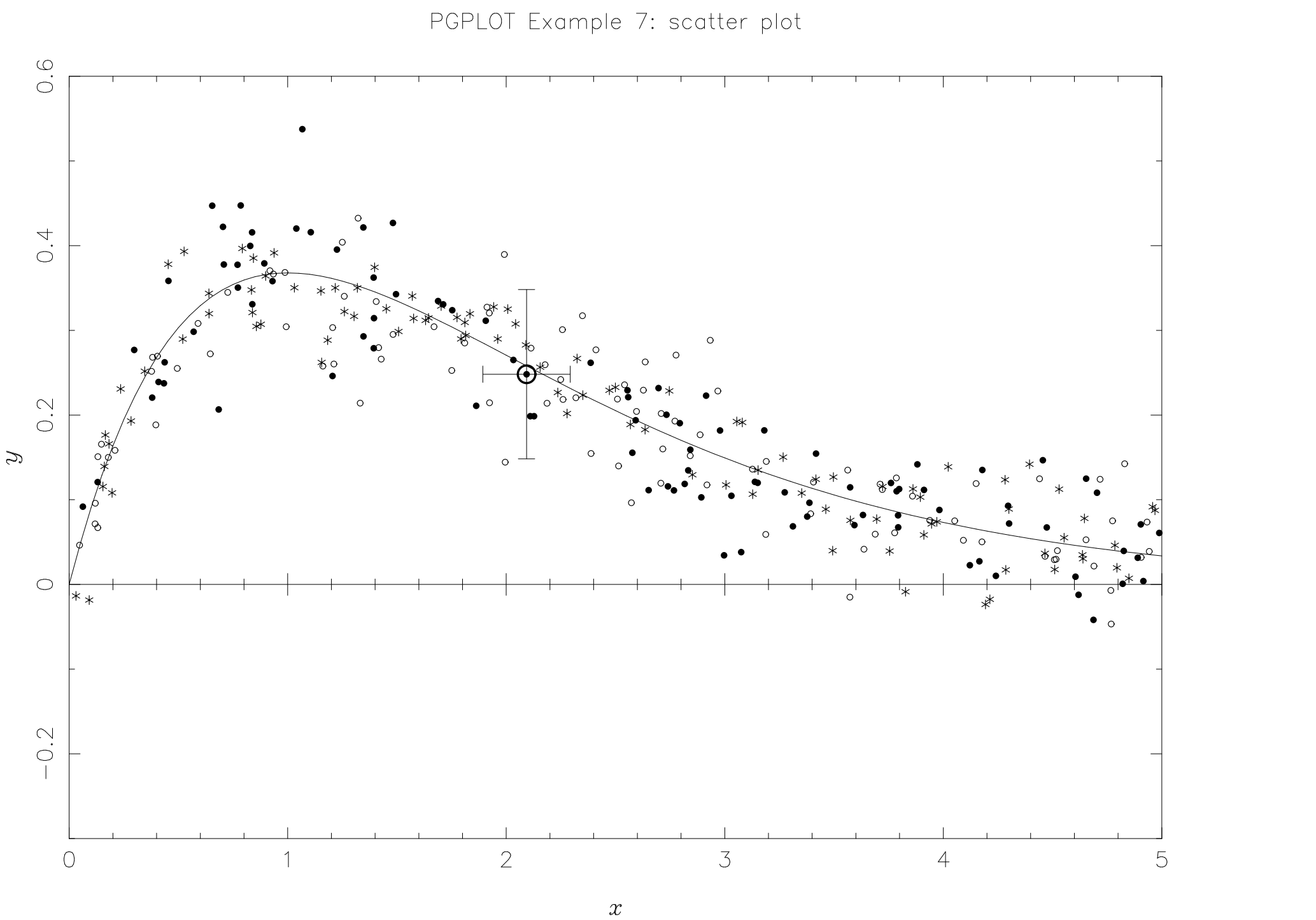
Fill style 2 (outline)

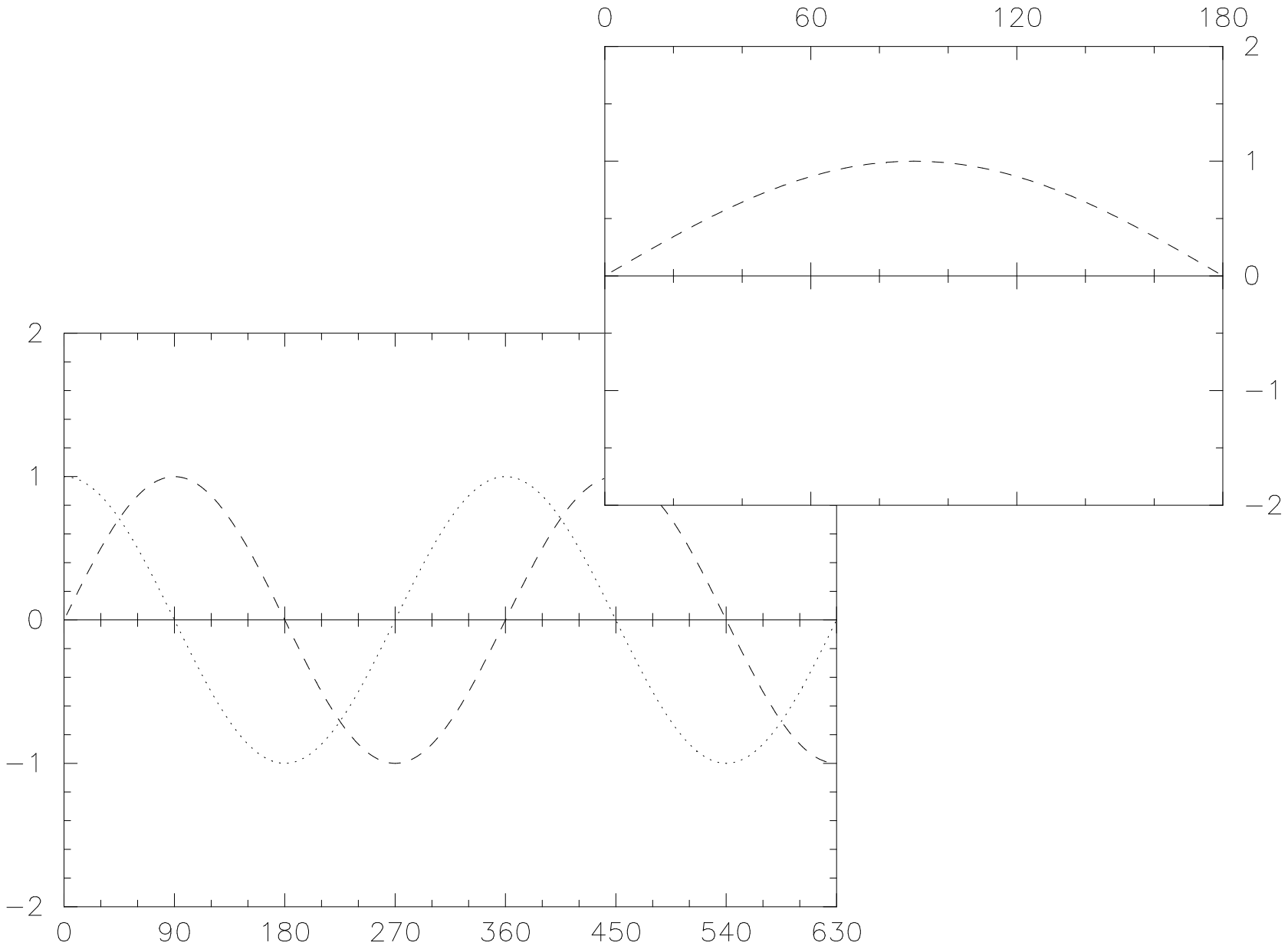


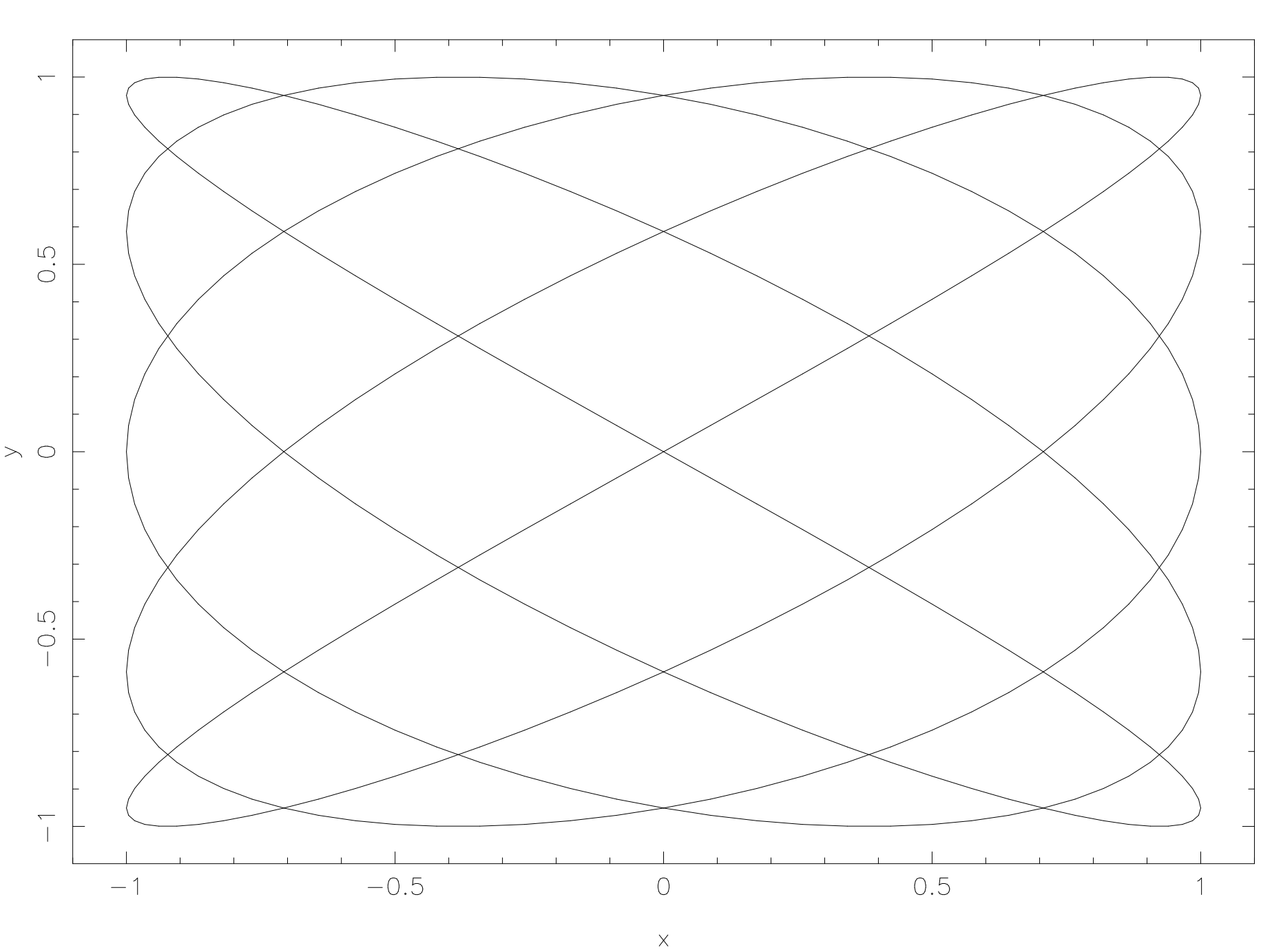
Fill style 3 (hatched)

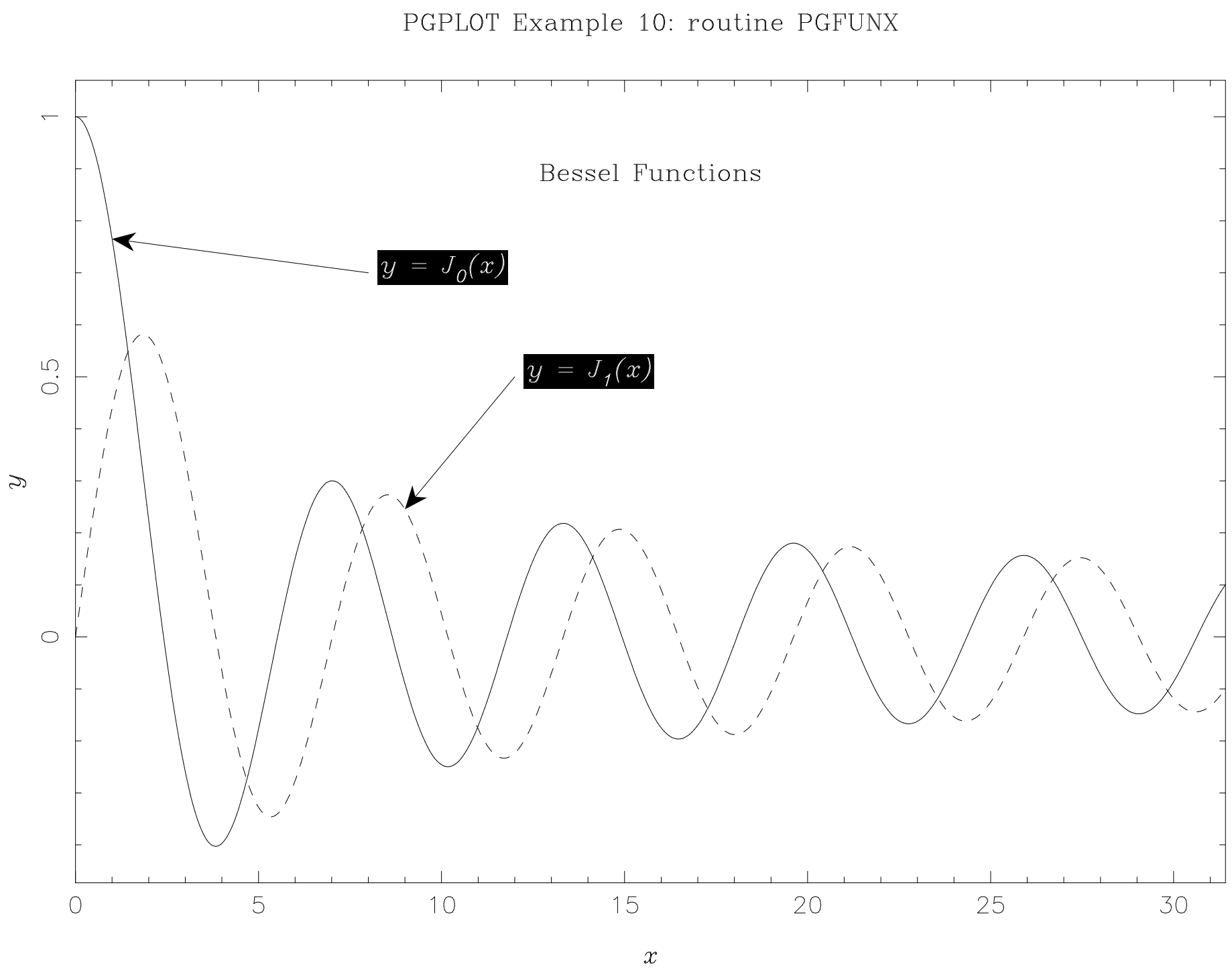
Fill style 4 (cross-hatched)



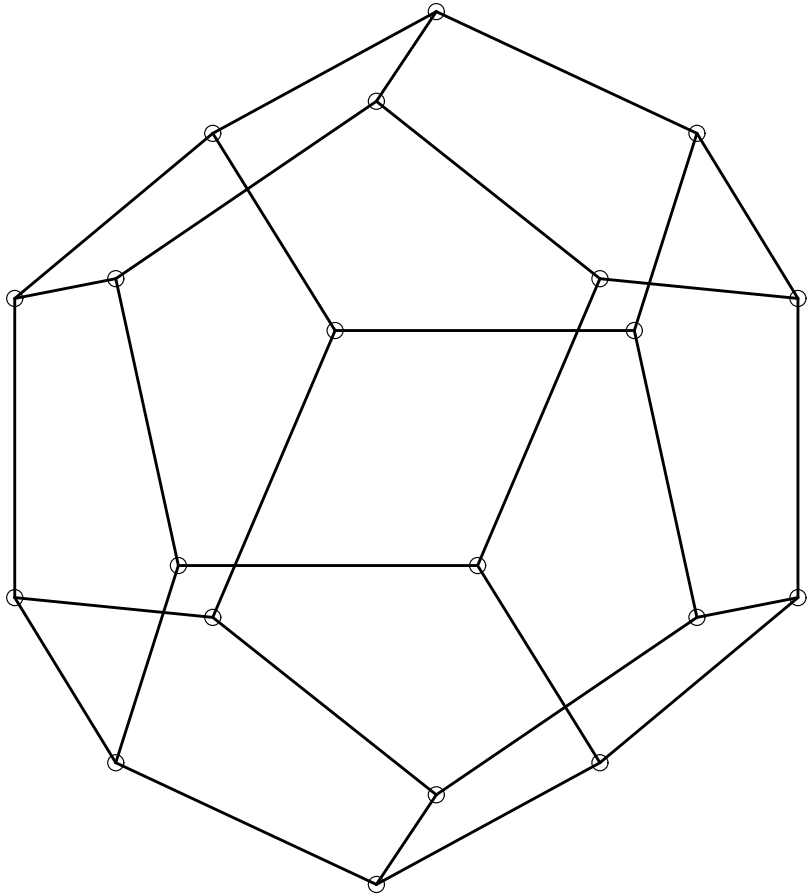

PGPLOT Example 7: scatter plot
0.6
0.4
0.2
0
−0.2
y
0
1
2
3
4
5
x


0
60
120
180
2
1
0
−1
−2
2
1
0
−1
−2
0
90
180
270
360
450
540
630

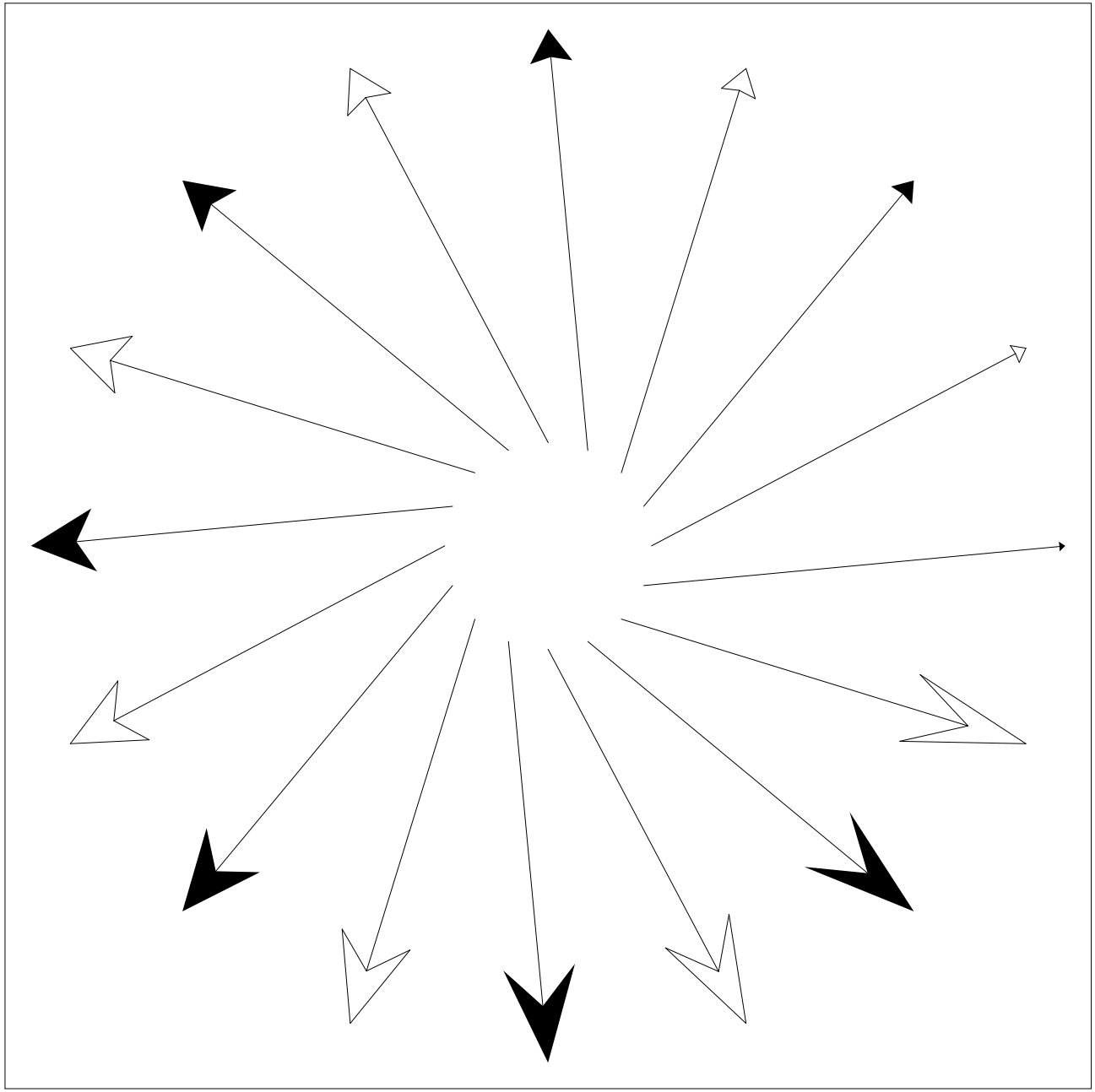

PGPLOT Example 9: routine PGFUNT
1
0.5
0
−0.5
−1
y
−1
−0.5
0
0.5
1
x

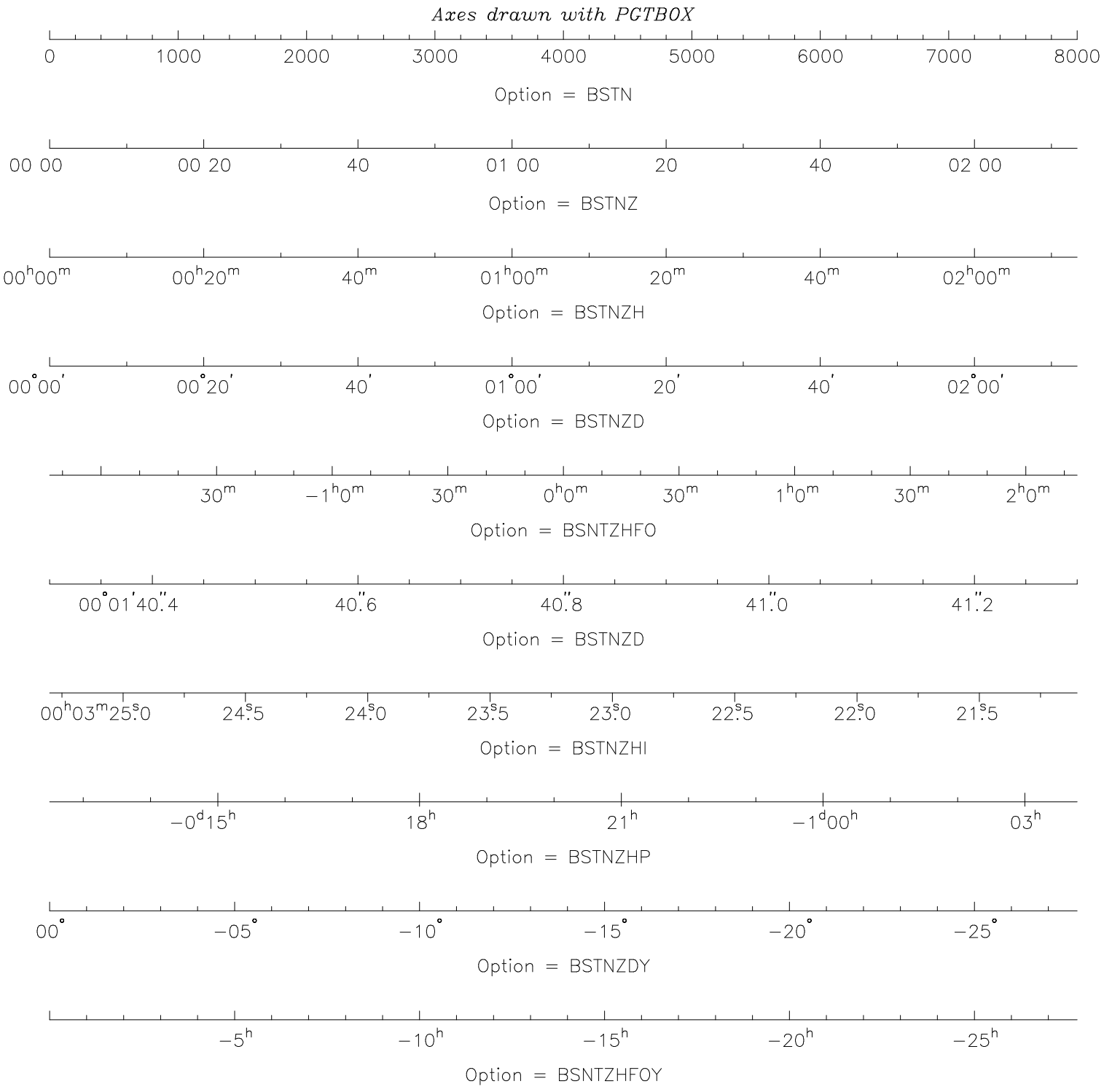

PGPLOT Example 10: routine PGFUNX
Bessel Functions
$y = J_0(x)$
$y = J_1(x)$
1
0.5
0
y
0
5
10
15
20
25
30
x

PGPLOT Example 11: Dodecahedron

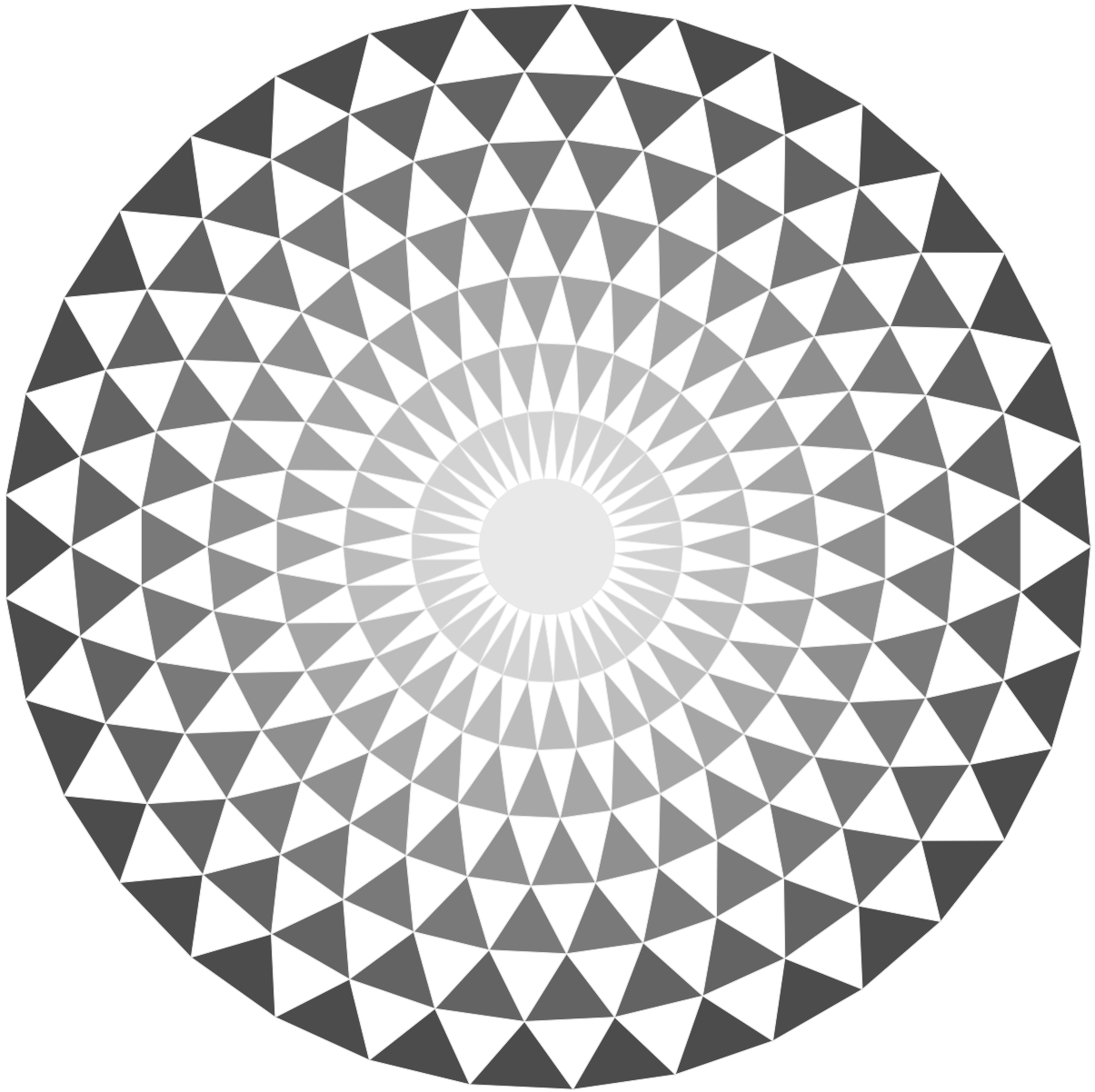
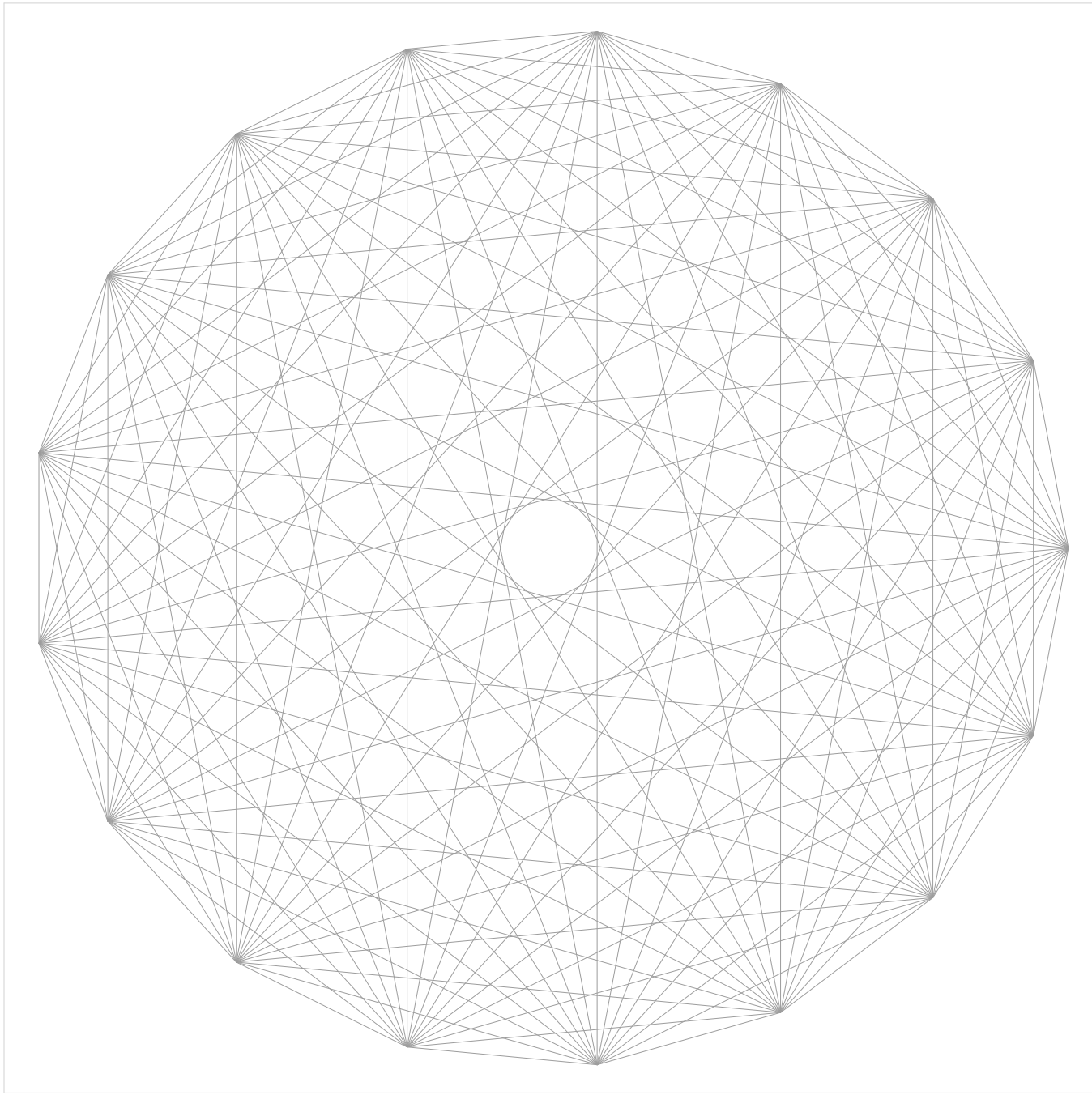


PGPLOT Example 12: PGARRO




Axes drawn with PGTBOX
0 1000 2000 3000 4000 5000 6000 7000 8000
Option = BSTN
00 00 00 20 40 01 00 20 40 02 00
Option = BSTNZ
00h00m 00h20m 40m 01h00m 20m 40m 02h00m
Option = BSTNZH
00°00′ 00°20′ 40′ 01°00′ 20′ 40′ 02°00′
Option = BSTNZD
30m −1h0m 30m 0h0m 30m 1h0m 30m 2h0m
Option = BSNTZHFO
00°01′40.″4 40.″6 40.″8 41.″0 41.″2
Option = BSTNZD
00h03m25.s0 24.s5 24.s0 23.s5 23.s0 22.s5 22.s0 21.s5
Option = BSTNZHI
−0d15h 18h 21h −1d00h 03h
Option = BSTNZHP
00° −05° −10° −15° −20° −25°
Option = BSTNZDY
−5h −10h −15h −20h −25h
Option = BSNTZHFOY

PGPLOT Example 14: PGPOLY and PGSCR



PGPLOT Example 15: PGMOVE and PGDRAW