Input: ex005.pl

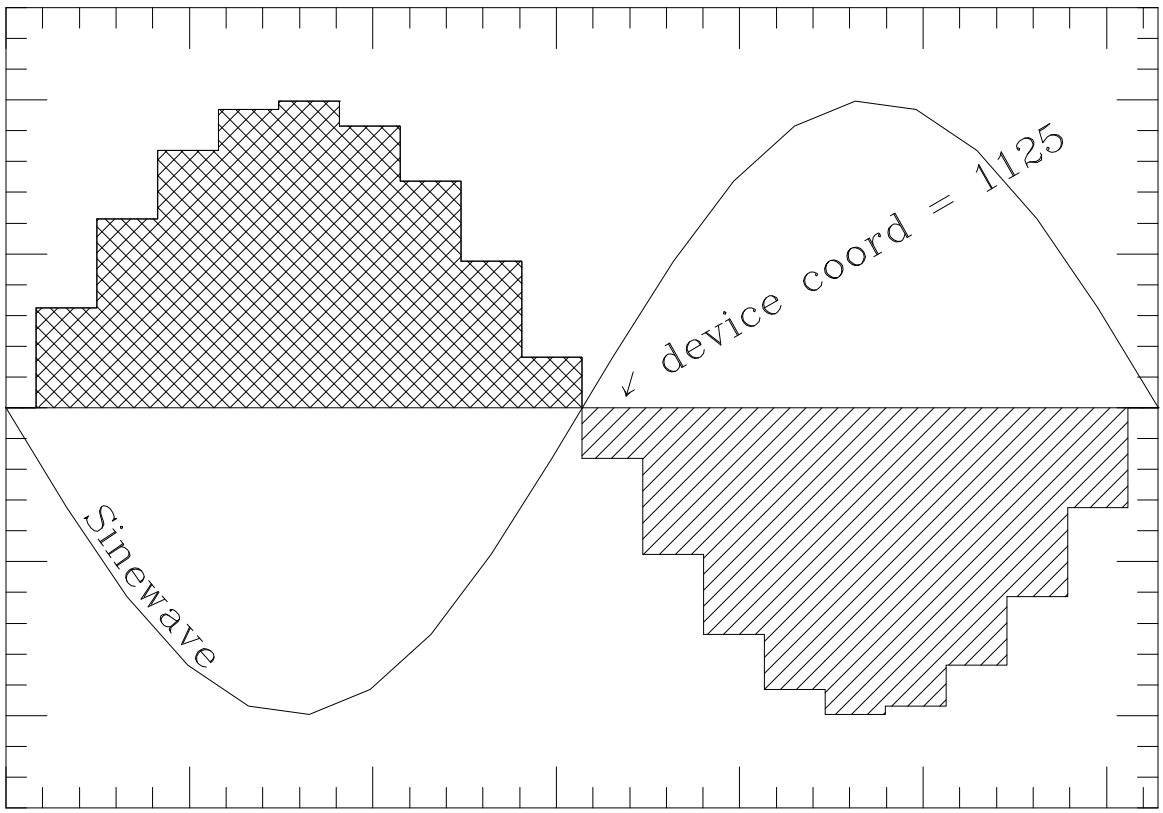
```
define curve
data example.dat
xcolumn 1
ycolumn 2
limits 0 6.28 −1.3 1.3
box 3 4
relocate x1 0
draw x2 0
set \1 gy
histogram \1

angle 30
relocate 3.4 0
putlabel 9 \g5 device coord = \1

limits x1 x2 y2 y1
connect
relocate x(3) y(3)
angle x(2) y(2) x(3) y(3)
putlabel 7 Sine
angle x(3) y(3) x(4) y(4)
putlabel 9 wave

location gx1 gx2 \1 gy2
limits x1 x2 0 y1
set \2 \1 * −1
histogram \2
end

curve
```

Data: example.dat

0.000	0.000	-0.093	0.110	43.0
0.331	0.325	0.108	0.297	100.5
0.661	0.614	0.624	0.005	61.0
0.992	0.837	0.828	0.067	42.0
1.323	0.969	1.023	0.110	43.0
1.653	0.997	0.924	0.199	100.5
1.984	0.916	0.939	0.058	61.0
2.315	0.736	0.659	0.225	42.0
2.646	0.476	0.824	0.196	43.0
2.976	0.165	0.013	0.059	100.5
3.307	-0.165	-0.202	0.064	61.0
3.638	-0.476	-0.568	0.264	42.0
3.968	-0.736	-0.621	0.050	43.0
4.299	-0.916	-0.887	0.092	100.5
4.630	-0.997	-1.031	0.238	61.0
4.960	-0.969	-0.966	0.003	42.0
5.291	-0.837	-0.794	0.062	43.0
5.622	-0.614	-0.341	0.268	100.5
5.952	-0.325	-0.151	0.101	61.0
6.283	0.000	0.004	0.019	42.0