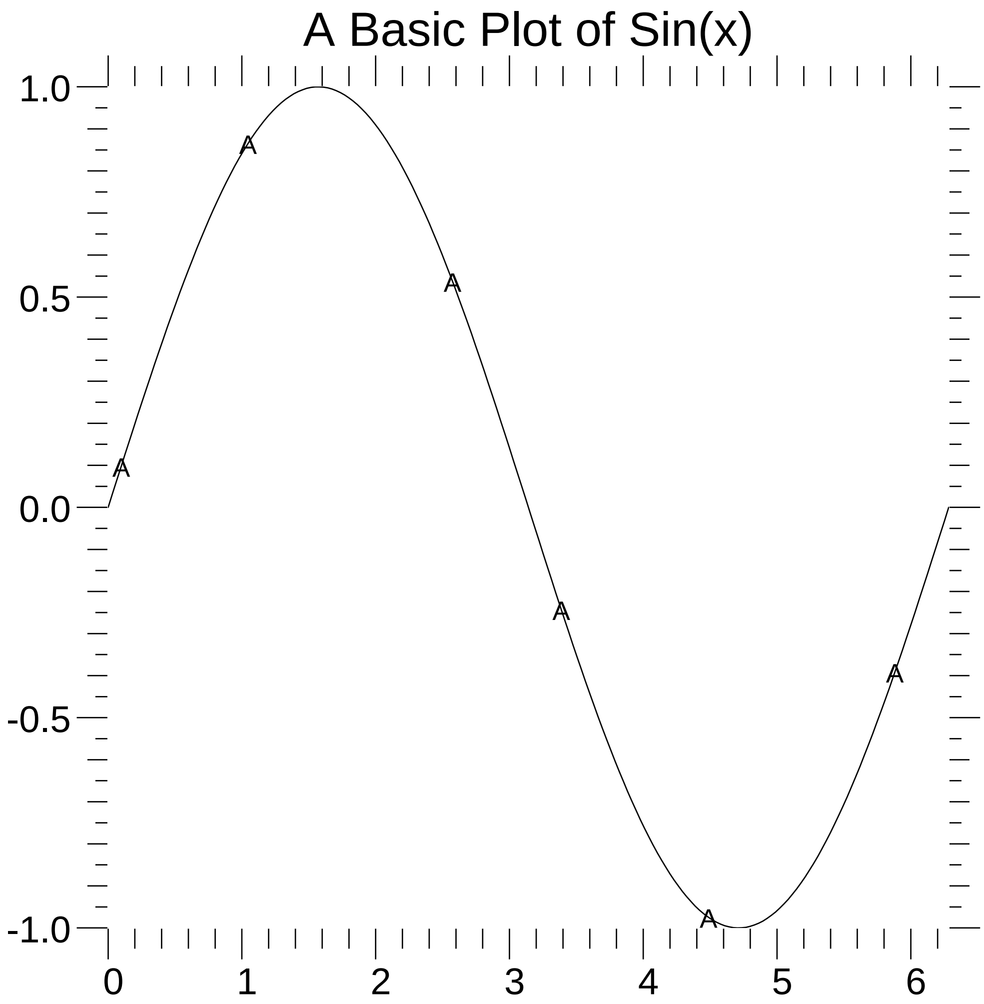
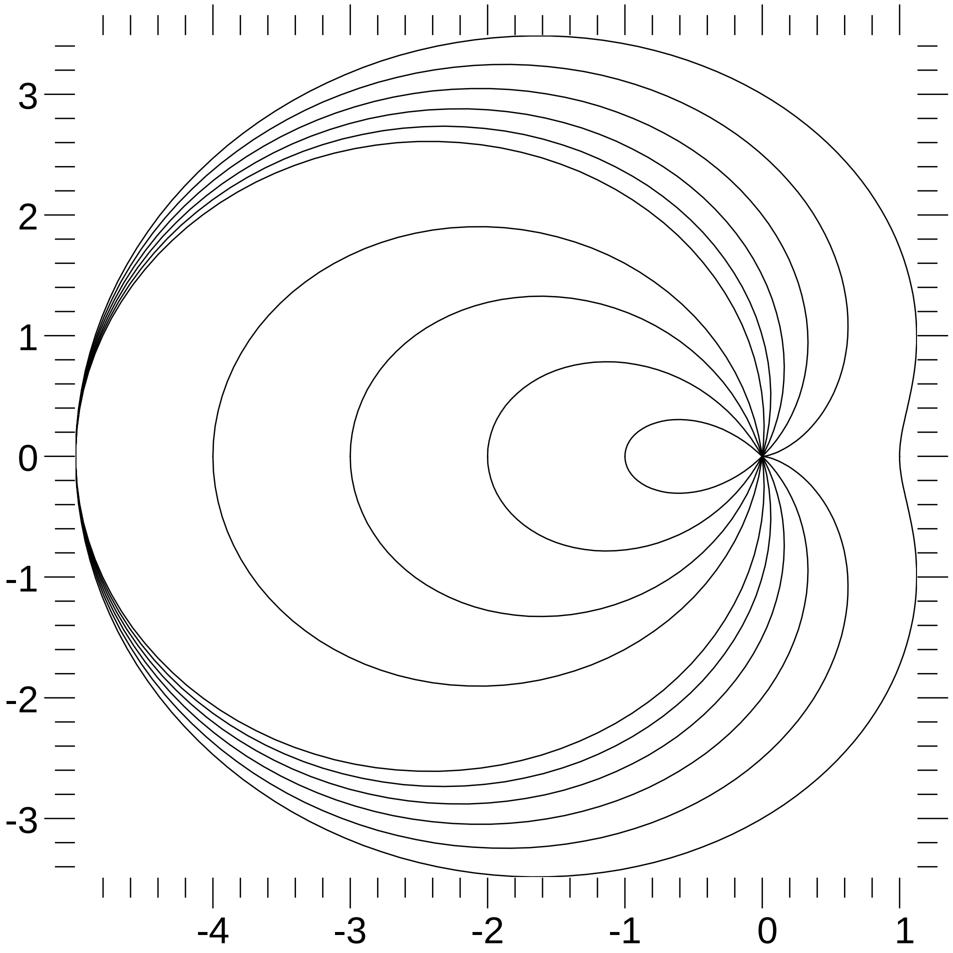
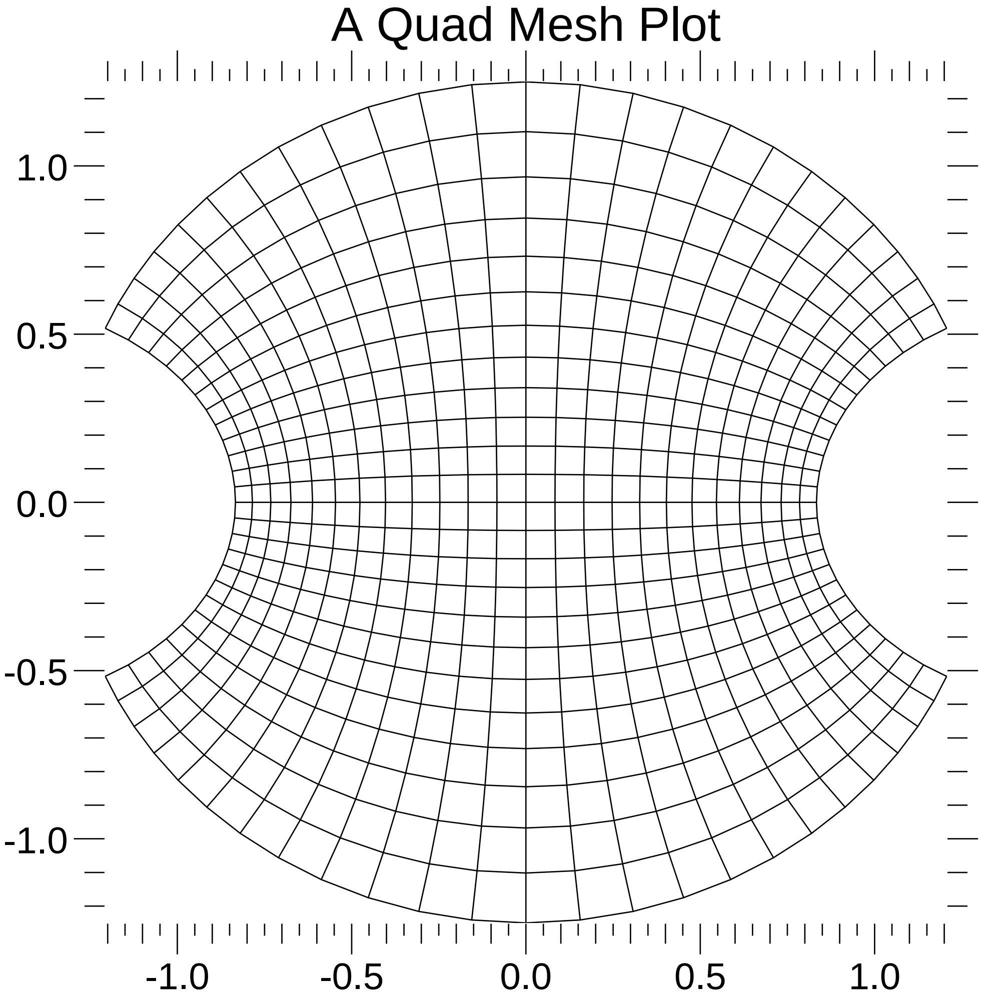


Produced by:
x = 2*pi*arange(200)/199.
plg(sin(x),x)

A Set of Nested Cardioids

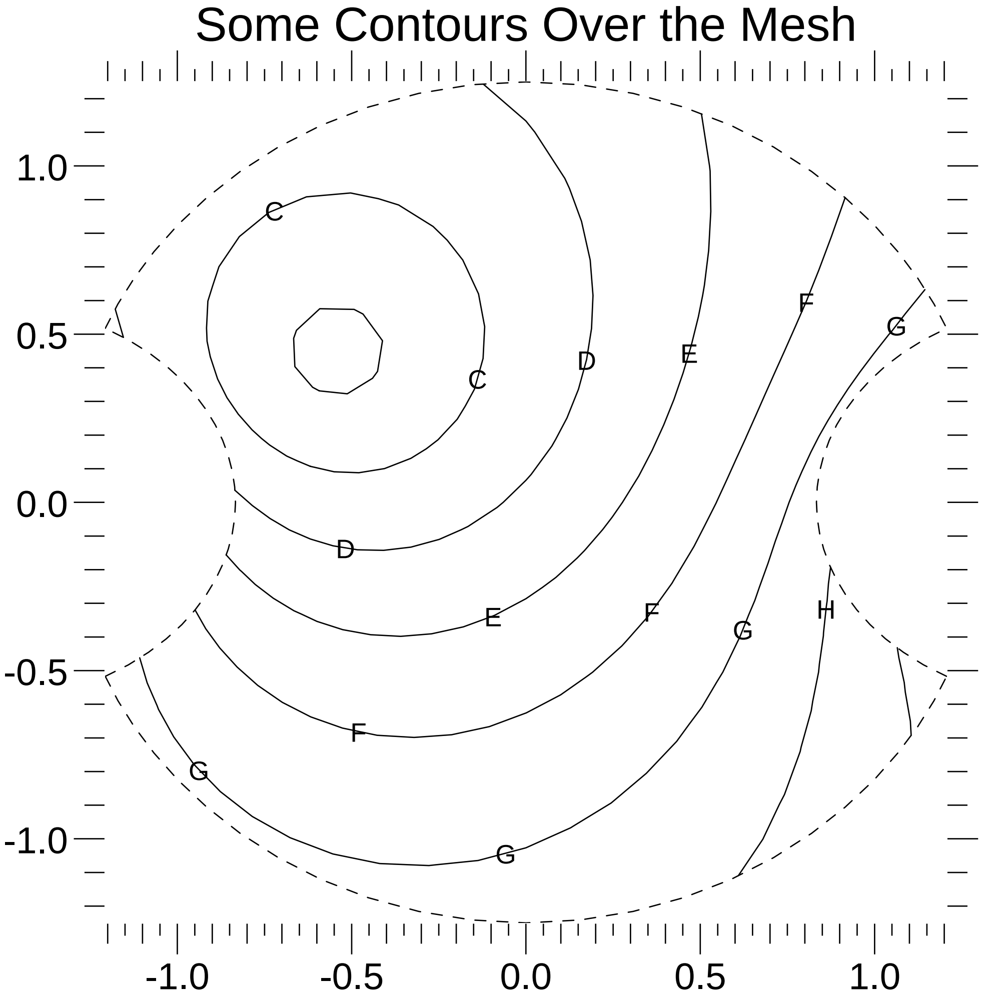



```
Produced by:
x = 2*pi*array(arange(200),'d')/199.0
for i in range(1,7):
  r = 0.5*i - (5 - 0.5*i) * cos(x)
  plg (r*sin(x), r*cos(x), marks=0)
```



Produced by:

```
x = ((arange(25*25)%25).reshape(25,25))/12. - 1
y = x.transpose()
z = x+1j*y; z = 5.*z/(5.+z*z)
xx = z.real; yy = z.imaginary
plm(yy,xx)
```



Produced by:
plm (boundary=1, type=2)
plc (mag (x+.5,y-.5), marks=1)
where x and y are as before, and mag is

```
  def mag(*args):
    r = 0
    for i in range(len(args)):
      r = r + args[i]*args[i]
    return sqrt(r)
```