

```

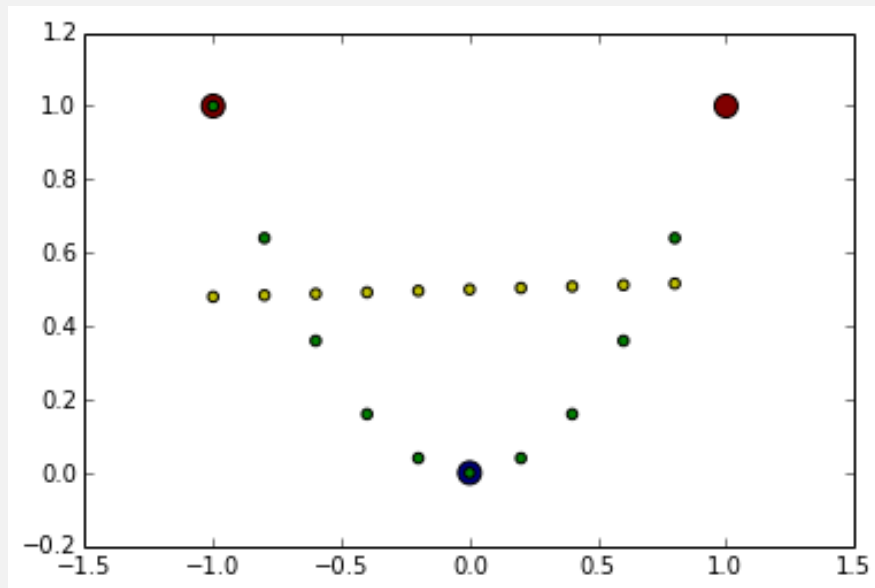
x = [-1, 0, 1]
c = [1, 0, 1]
xd = arange(-1, 1, 0.2)

f = lambda x: x**2

scatter(x, map(f, x), c = c, s = 100)
scatter(xd, map(f, xd), c = 'g')
scatter(xd, map(lambda x:0.02*x+0.5, xd), c = 'y')

```

<matplotlib.collections.PathCollection at 0x2824810>



```

x = [-2, -1, 0, 1]
c = [0, 1, 0, 1]
xd = arange(-2.5, 1.5, 0.2)

f = lambda x: (2*x**3 + 3*x**2 - 1*x)

scatter(x, map(f, x), c = c, s = 100)

scatter(xd, map(f, xd), c = 'g')
scatter(xd, map(lambda x:1*x+1, xd), c = 'y')
show()

```

