

```
In [1]: %pylab inline
import numpy as np
```

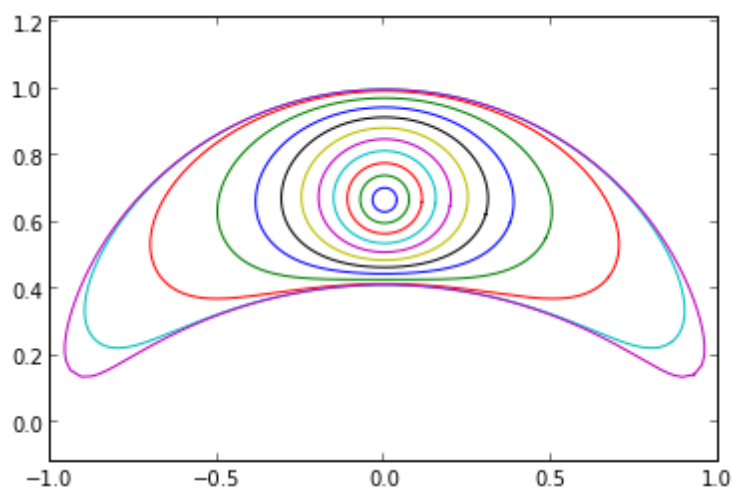
Welcome to pylab, a matplotlib-based Python environment [backend: module://IPython.kernel.zmq.pylab.backend_inline].
For more information, type 'help(pylab)'.

```
In [2]: def f(w):
        return (1+w)/(1-w)

def g(w):
    return w**0.25 * 1j

def C(w):
    return 1j*(1-w)/(1+w)
```

```
In [3]: t = np.linspace(0., 2.*np.pi, 60000)
for r in [.1, .2, .3, .4, .5, .6, .7, .8, .9, .98, .999, .9999]:
    z = r*np.exp(1j*t)
    w = f(g(C(z)))
    plot(w.real, w.imag)
axis('equal')
pass
```



```
In [3]:
```