```
>> theta=linspace(0,pi,100);

g=tan(theta)./60;

h=g.^2;

i=sin(theta);

theta1=linspace(-pi,pi,100);

b=cos(theta1);

y=sin(theta1);

q=linspace(-.25,.25);

w=1-q.^2;

r=linspace(-.4,.4,10);

e=r.^2;

o=linspace(.15,.8,1000);

p=.45-o./8;

t=.46+o./8;

%----------------------------------------------------------------------------------
plot(o,t,o.*-1,t,o,p,o.*-1,p,g,h,'k',r,e+.2,'r',b./6.+.3,y./6.+.7,'b',b./6.-.3,y./6.+.7,'b',q-
.3,w,'kx',q+.3,w,'kx',b./15.+.27,y./15+.7,'r',b./15.-.27,y./15+.7,'r',g./15,h./15+.4,q-
.8,i./3+1.110,'k',q+.8,i./3+1.110,'k',-.25,.75,'dk',+.25,.75,'dk')
```