Console

```
-->  exec('iirnotchcomb.sce')

--> disp("enter the values of fo(notch freq.),fs(signal freq.),q(quality factor) and n(filter o
in the fo.txt,fs.txt,q.txt and n.txt files provided")

 enter the values of fo(notch freq.),fs(signal freq.),q(quality factor) and n(filter order) in th
.txt,fs.txt,q.txt and n.txt files provided

-->fo=read('fo.txt',1,1)
 fo  =

   60.

--> fs=read('fs.txt',1,1)
 fs  =

   600.

--> q=read('q.txt',1,1)
 q  =

   35.

--> n=read('n.txt',1,1)
 n  =

   4.

--> nn=n+1
 nn  =

   5.

--> //nn=no. of notches

--> bw = (fo/(fs/2))/q
 bw  =

    0.0057143

--> w0 = (fo/(fs/2))
 w0  =
```

```
  0.2

--> i=w0
 i  =

  0.2

-->  xtitle("iirnotchcomb","normalised  freq.","magnitude(dB)")

--> for a=0:(i/4):(i*nn)
-->     if(a==w0)
-->         w0=w0+i;
-->         continue
-->     else
-->         plot(a,bw,'o')
--> end
--> end
```