

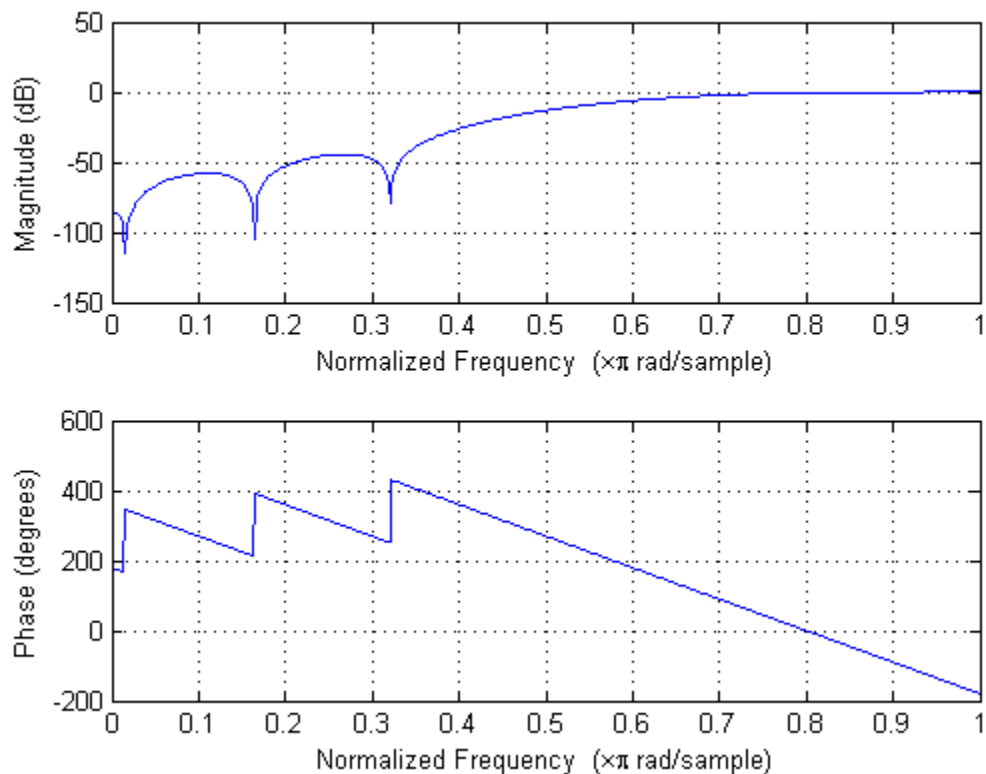
Experiment 34

Hanning Window High Pass Filter

Plot magnitude response and phase response of a high pass filter of desired parameters using Hanning window

```
clc;
clear all;
close all;

N = 10;
wc = 0.6*pi;    % cutoff frequency
h = fir1(N,wc/pi,'high',hanning(N+1));
freqz(h);
```



Conclusion

The required filter was successfully obtained using rectangular window. Its magnitude and phase plot are displayed.