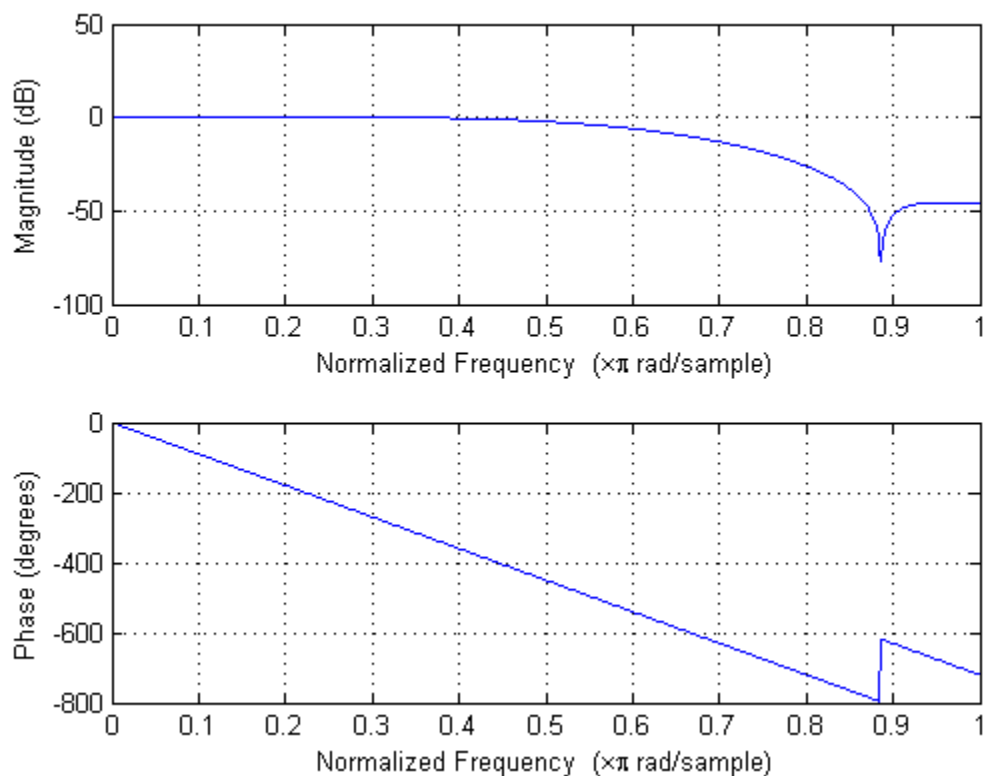


## Experiment 33

### Hanning window Low Pass Filter

Plot magnitude response and phase response of Low Pass filter with desired parameters using Hanning window

```
clc;  
clear all;  
close all;  
  
N = 10;  
wc = 0.6*pi;    % cutoff frequency  
h = fir1(N,wc/pi,hanning(N+1));  
freqz(h);
```



### Conclusion

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

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