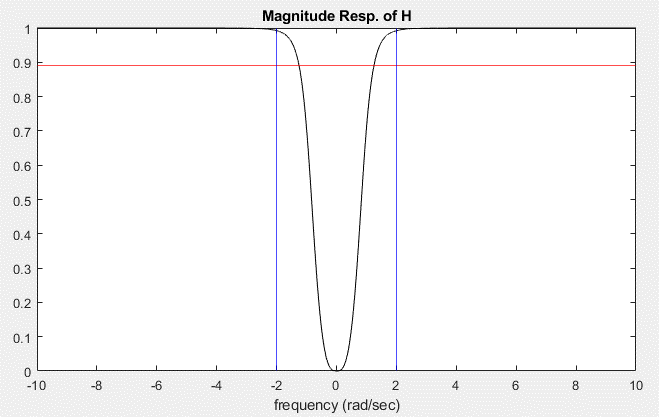
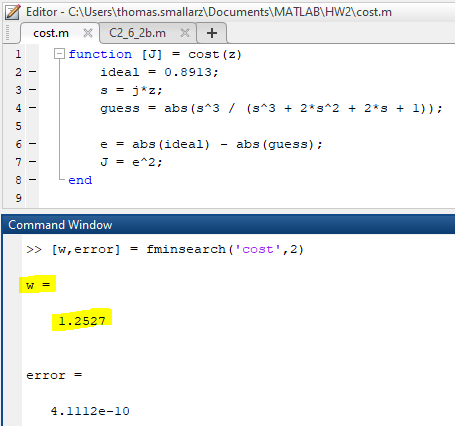
2.6-2 (b,c))

First, we need a value. Let’s plot the prototype high-pass transfer function.

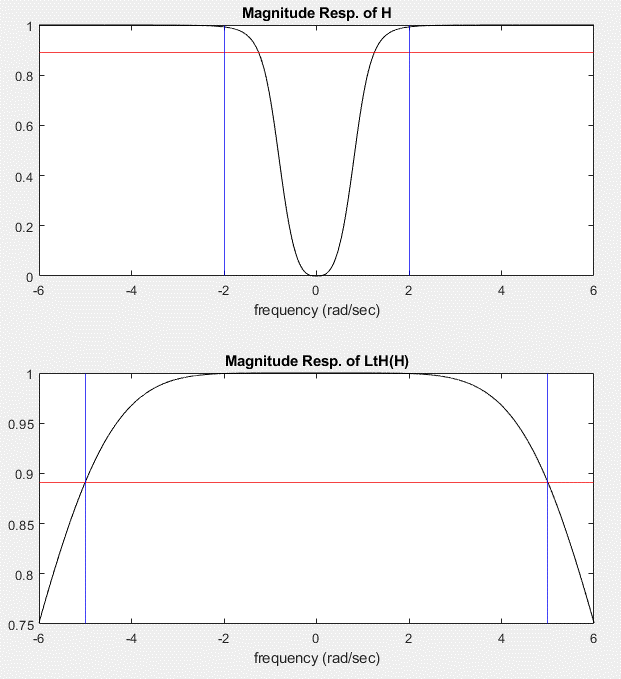


It looks like is around 2 rad/sec. Let’s use a cost function in MATLAB to figure out the exact frequency



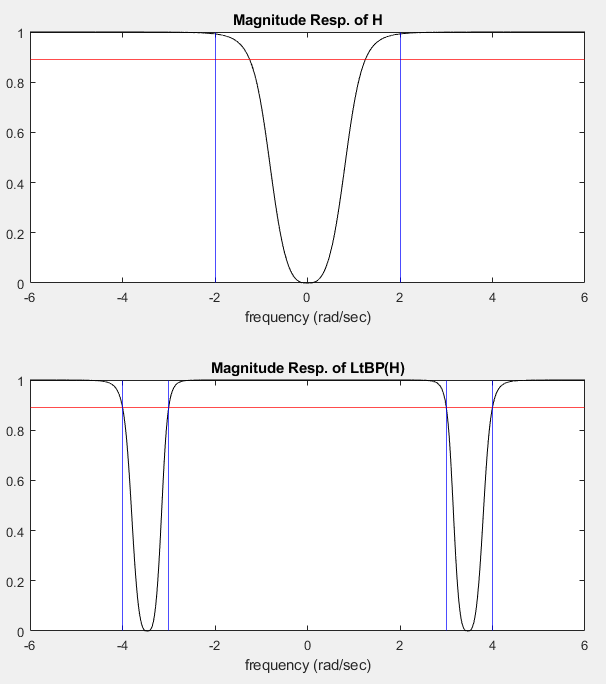
b) Low-pass to High-pass transformation

In MATLAB,



c) Lowpass-to-bandpass transformation with

In MATLAB,



MATLAB FOR 2.6-2 (b,c)

