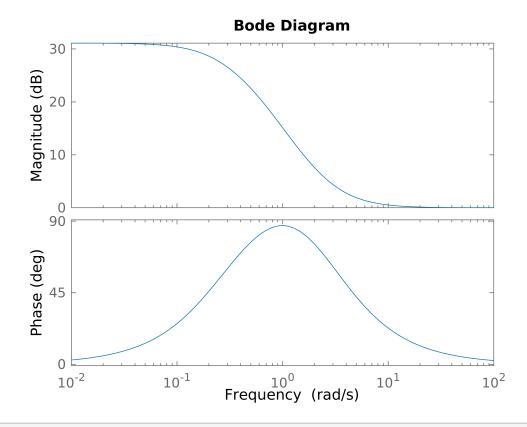
The System function of a causal 1TI system is given by  $H(z) = \frac{(1-2\bar{z}')(1-3\bar{z}')}{(1-\frac{2}{3}\bar{z}')(1-\frac{1}{4}\bar{z}')}$  a-plot the magnitude, the phase, and the group delay of  $H(\hat{z}^{\omega})$ .

Continuous-time transfer function.

bode(H) % plot the magnitude and phase plots



[sos, g] = tf2sos([12 -60 72],[12 -11 2]);
grpdelay(sos,128) %plot the group delay with 128 data points

