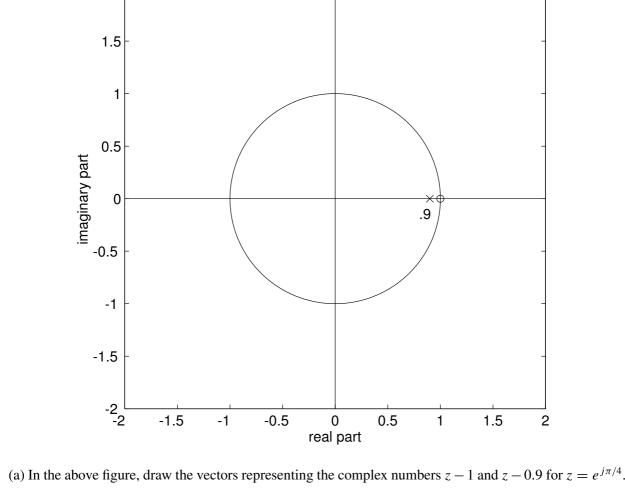
PROBLEM:

Consider the following pole-zero plot:



Pole-Zero Plot for Problem 9

(c) Sketch the magnitude of the frequency response, $|H(e^{j\hat{\omega}})|$, as a function of $\hat{\omega}$ for $-\pi < \hat{\omega} < \pi$.

(b) Determine the value of the frequency response $H(e^{j\hat{\omega}})$ at $\hat{\omega}=\pi$.