
EXERCISE 10.13: For the pole-zero plot in Fig. 10-27, apply this geometric reasoning to estimate the magnitude of $H(e^{j\hat{\omega}})$ in Fig. 10-26 at $\hat{\omega} = \pi/2$, which is close to the pole at $z = j0.85$. Assume that the gain G is equal to 1. In this case, the estimate can be exact because the vector lengths do not have to be approximated.

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