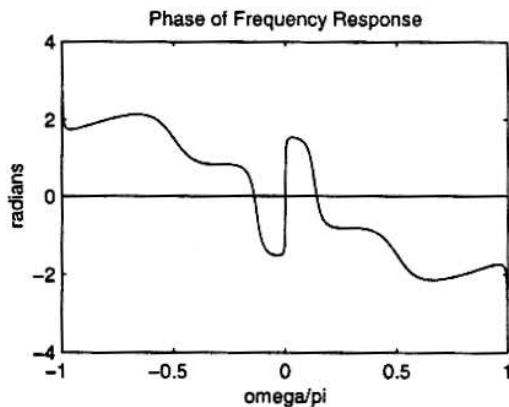
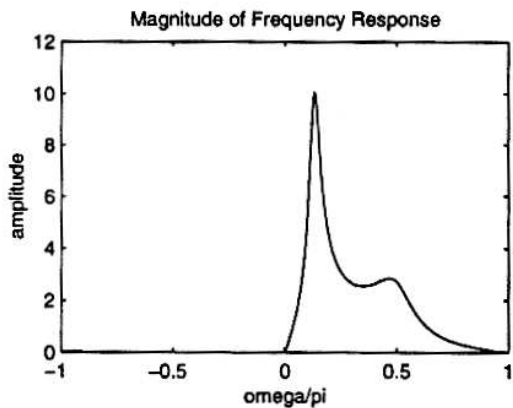
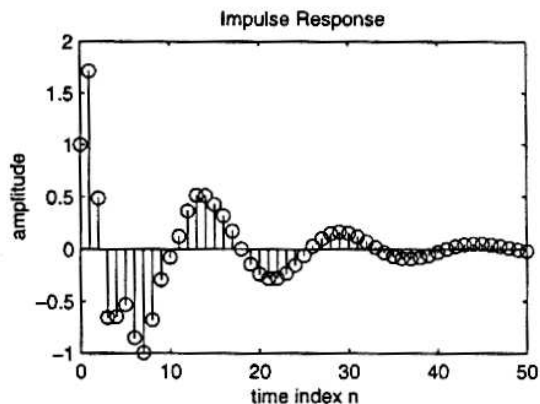
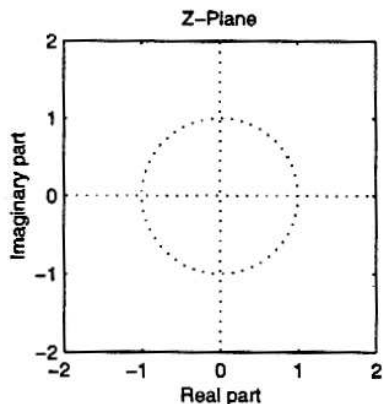


PROBLEM:

Consider the following output from the PEZ program:



(a) Is this a FIR or IIR system? Explain your answer.

(b) Fill in an estimate of pole-zero plot corresponding to other plots in the figure. Place the poles and zeros to indicate which ones are on the unit circle, which are close to the unit circle, and which are relatively farther away. Also fill in the missing part of the magnitude of the frequency response; i.e., for $-\pi < \hat{\omega}/\pi < 0$.