

H.W. #24 EE 220 Fall 2016

Show your work for credit!

1. Determine, using phasor analysis, the current that flows in the four circuits from HW #22, problem 2, and plot along with  $V_{in}$  in the time-domain. Use LTspice to verify your hand calculations and plots. (4 points)
2. Determine and plot, using AC frequency analysis, the magnitude and phase responses of  $V_{out}/V_{in}$  for the circuits in HW #22, problem 2 (8 equations and correspondingly 8 plots). Verify your answers with LTspice. (8 points)