EE 311 Signals and Systems Hwk8

For the circuit below:

- a) Determine the expression for the Frequency Response $H(\omega)$.
- b) Determine the expressions for the Magnitude and and Phase responses
- c) Derive the expressions for the Half-power frequencies ($\omega_{c1})$ and (ω_{c2}).
- d) Use Matlab to plot the Magnitude and the Phase responses.

