Assignment- 8

1. Plot the Bode magnitude and phase for the system with transfer function. (Solve Manually and Plot on MATLAB). Plot at least one in semi log graph

$$G(s) = \frac{2000(s+0.5)}{s(s+10)(s+50)} \qquad G(s) = \frac{4}{s^2 + s + 4}$$

2. The Bode plot shown in Figure 1 and Figure 2. $H(w) = V_o(w)/V_i(w)$.

Find out Values of C_1 and C_2 (Solve manually complete)

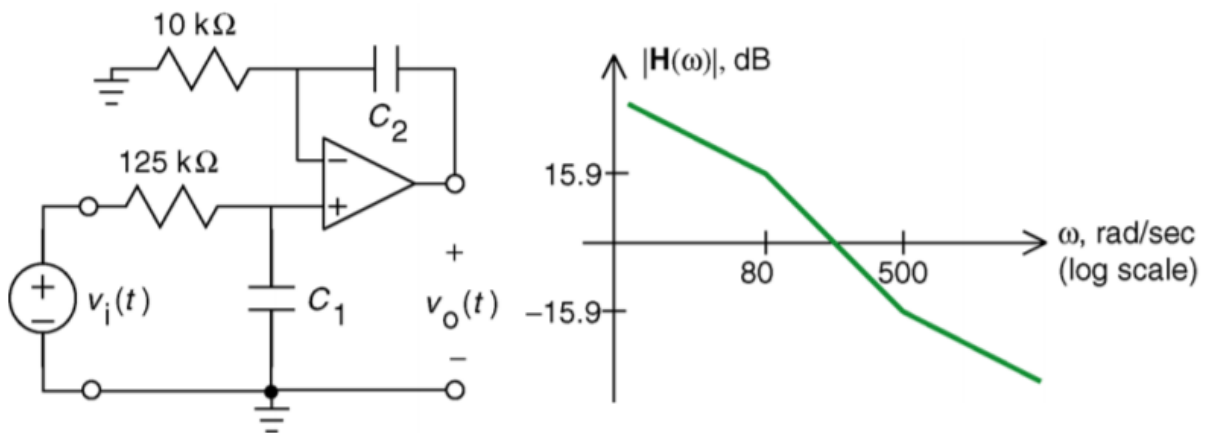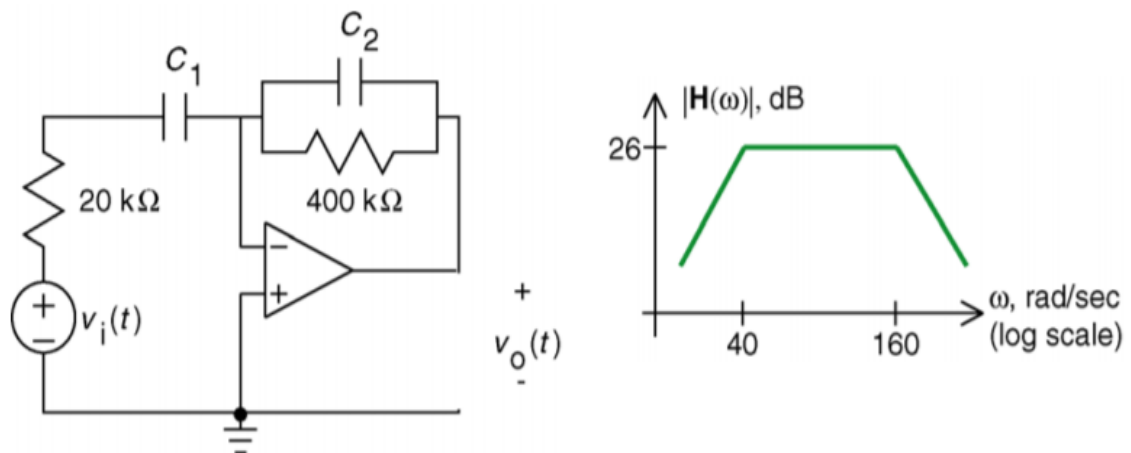Figure 1

Figure 2