TUTE-09
Network Analysis and Synthesis (UEE 503)
Department of Electrical and Instrumentation Engineering

Q1. Find the pole zero locations of the current transfer ratio I1/I2 in s-domain for the network shown in Fig. 1. **(0 or -200)**

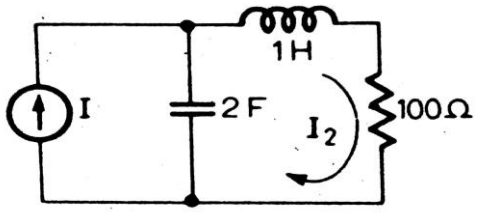

Fig. 1

Q2. In the network shown in Fig. 2 find voltage transfer ratio [G12(s)] and pole zero plot. **(-10s/(20s+2+s^2).**

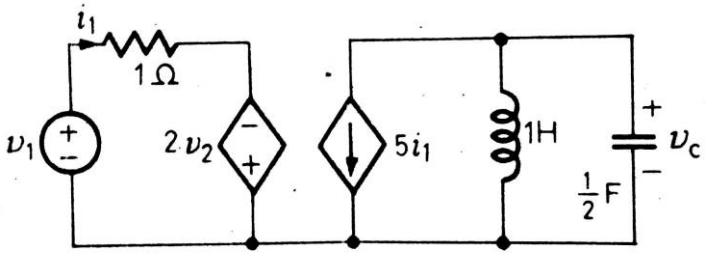

Fig. 2

Q3. For the network shown in Fig. 3 Find driving point impedance and its pole zero plots. **[5(s+0.001)(s+0.04)/s(s+0.03)]**

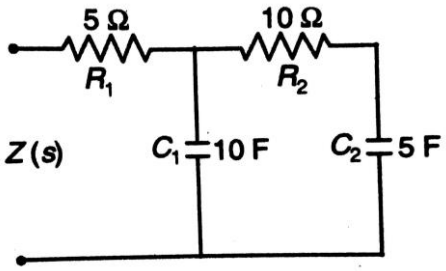

Fig. 3