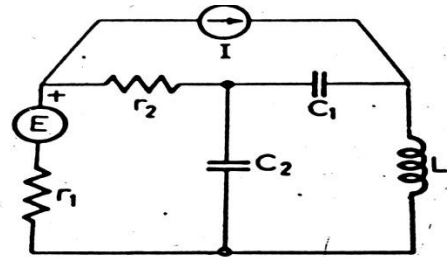Q1. Draw the graph of the network shown in Fig. 1



Fig. 1

Q2. Draw oriented graphs for the following networks shown in Fig. 2. Also show twig and links.
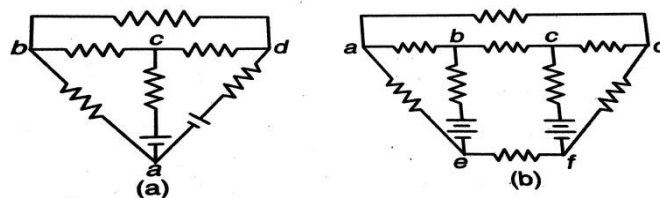


Fig. 2

Q3. A network is shown in Fig. 3. Draw the graph and possible trees. Find the number of twigs and links.
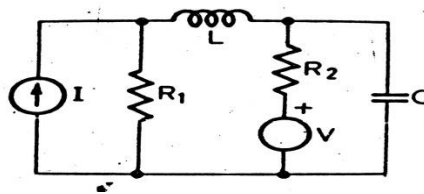


Fig. 3

Q4. Draw incidence and reduced incidence matrices for the graph given in Fig. 4.
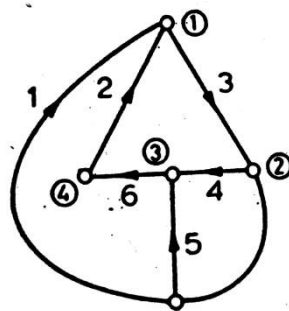


Fig. 4