Assoc. Prof. Dr. Eman Azab & Dr. Wassim Alexan

Assignment II

You will be asked to solve one of the assigned problems during your tutorial in the week of 10-15 December 2022

Name:	
I.D. Number	
Tutorial:	
TA Name	

1. For the network shown in *Figure 1*, use the superposition principle to find V_o.

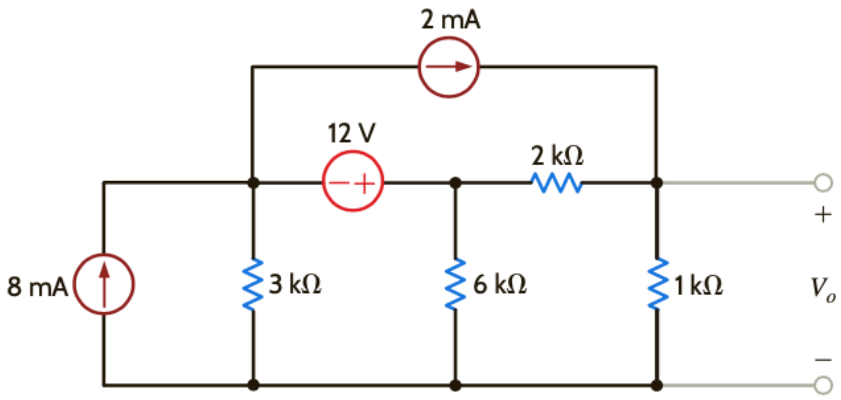

Figure 1

2. For the network shown in *Figure 2*, use the superposition principle to find I_o.

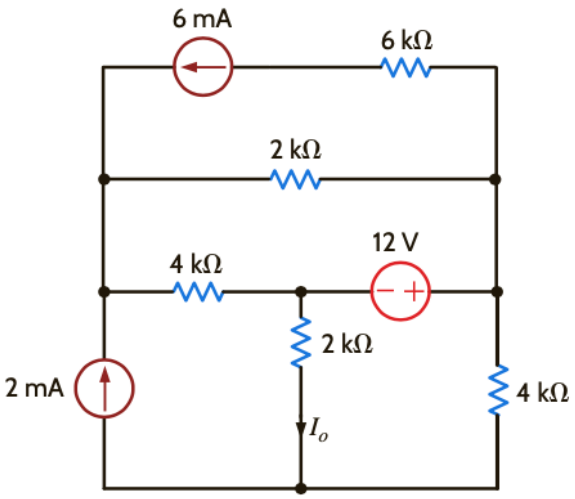

Figure 2

3. For the network shown in *Figure 3*, use the superposition principle to find V_o.

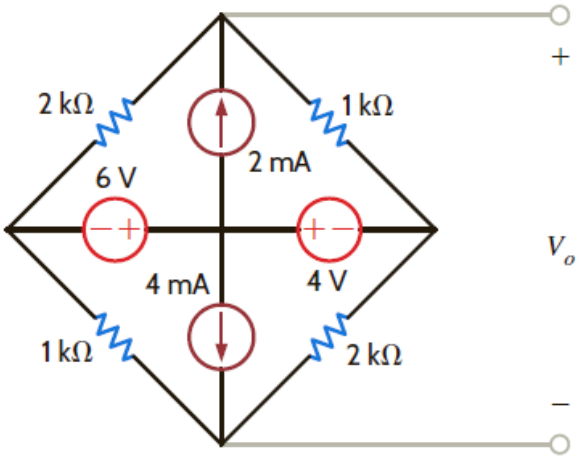

Figure 3

4. For the network shown in *Figure 4*, use the superposition principle to find I_o.

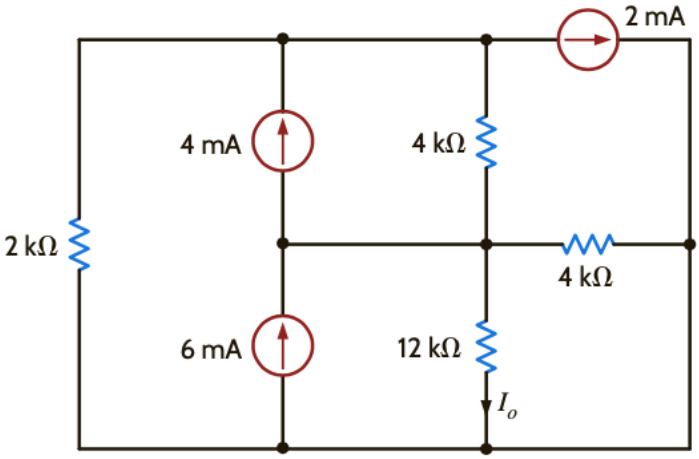

Figure 4

5. Use the principle of superposition to find the voltage v_o and i_o in the circuit in Figure 5

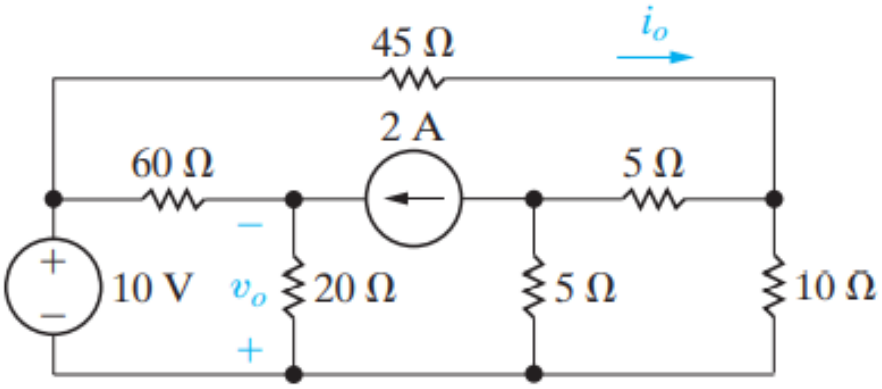

Figure 5

6. Use the principle of superposition to find the voltage v_o and the power supplied\absorbed by the dependent source in Figure 6

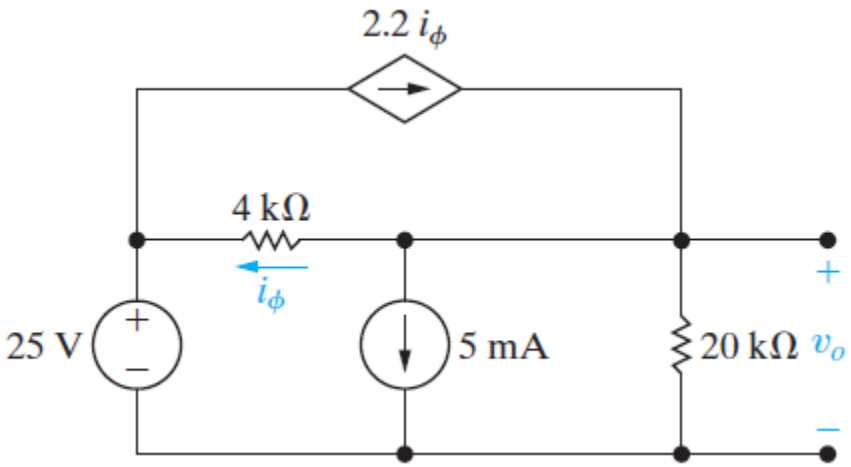

Figure 6

7. Use the superposition principle to find V_2 in the network shown in Figure 7

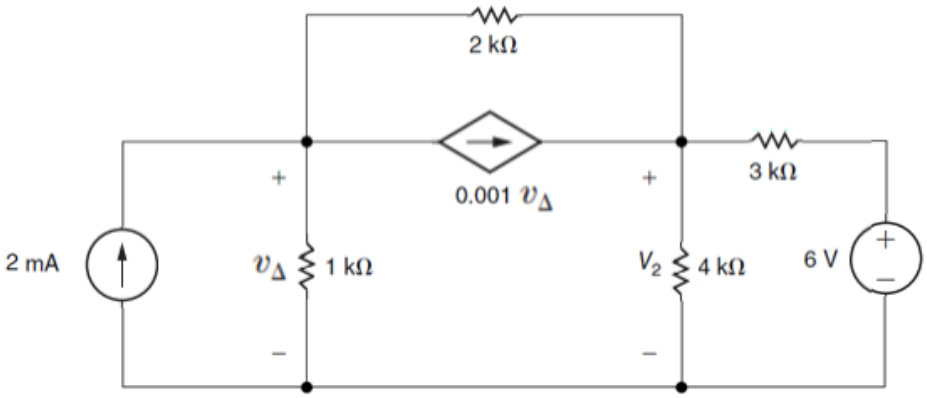

Figure 7