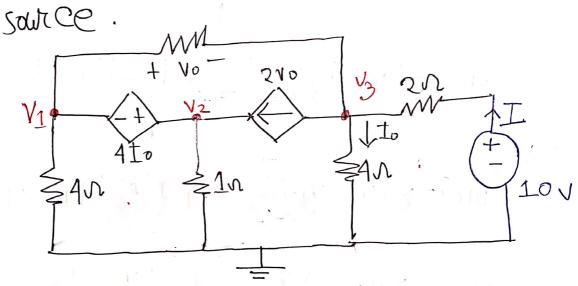


First we disconnect the Load to measure Rth also disconnect all the independent



Applying KVL at mesh 1,

$$-4i_1+4I_0-1(i_2-i_2)=0$$
 —(1)

Applying Kul at mesh?;
-1(i2-i2) - -

$$2V_0 = \frac{V_1}{4} + \frac{V_2}{1} + \frac{V_1 - V_3}{1} - (1)$$

$$2 V_0 = \frac{V_1 + 4V_2 + (V_1 - V_3)4}{4}$$

$$2\left(\frac{v_{1}-v_{3}}{4}\right) = \frac{v_{1}+4v_{2}+4v_{1}-4v_{3}}{4}$$
or, 
$$-3v_{1}+4v_{2}+4v_{3}=0$$

At mode 3,

$$2V_0 + \frac{V_3}{4} = V_1 - V_3 + \frac{10 - V_3}{2}$$

on, 
$$20 = 4v_1 + 0v_2 - v_3 - (3)$$

At the supermode

But 
$$To = \frac{V_3}{4}$$

$$V_1 = 4.848 \, \text{V}$$
  $V_3 = -0.6066V$   
 $V_2 = 4.242V$   $= -606.06 \, \text{m} \, \text{V}$ 

$$T = \frac{10+0.606}{2}$$

$$R+h = \frac{V}{1}$$

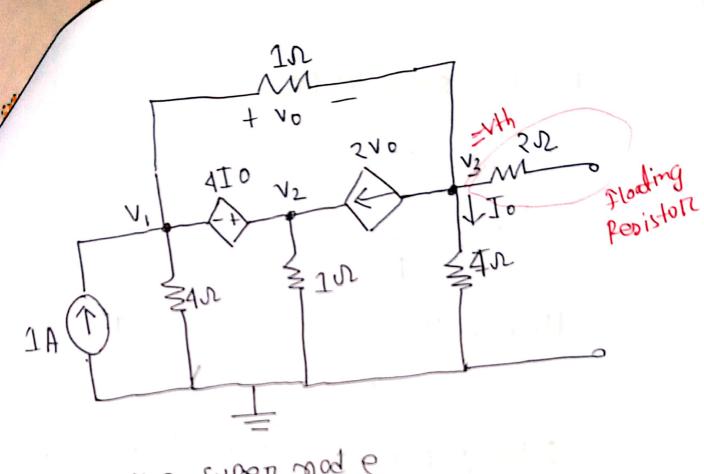
o IPI LV - V

EV - OI LON

8 - Love 19

L. L. LV Gorald

in hora (1) revitorio



At the super mode
$$1 + 2v_0 = \frac{v_1}{4} + \frac{v_2}{1} + \frac{v_1 - v_3}{1} - \frac{(1)}{1}$$

$$2 V_0 + \frac{V_3}{4} = V_1 - V_3$$

$$2\left(\sqrt{1-\sqrt{3}}\right)+\frac{\sqrt{3}}{4}=\sqrt{1-\sqrt{3}}$$
 (3)

$$V_{+h} = V_3 = 0.458/V$$

DEELL CIM

& more of the comment

- p- +

FILE

Pmax = 27.70mwall