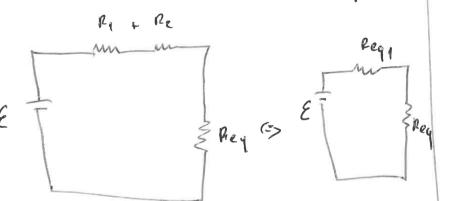
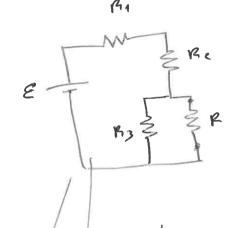
(1)

Exació Y.

Determine A diference de polancial aos terminais da revistencia R da figura 4





10

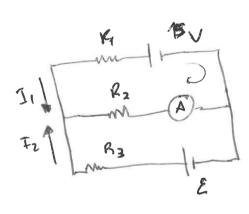
V- 0,92 x 16,66 8,6

$$E = \text{Reg} I \qquad (=) I = \frac{E}{\text{Reg}} = \frac{25}{1980} = \frac{1.26 \times 10^{-2}}{1980}$$

Exercis 7

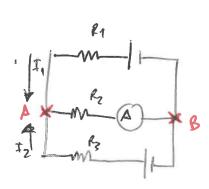
O Ampeinato repeatado indita 2A.

Should ge R1 = 752, R2 = 5-2 e R3=2 se deline II, I2 & E

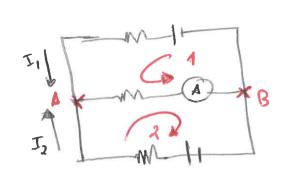


le des book kinchofd

Le do> Nos



$$A : \Gamma_1 + \Gamma_2 = \Gamma_3$$



Come una No Bombo A

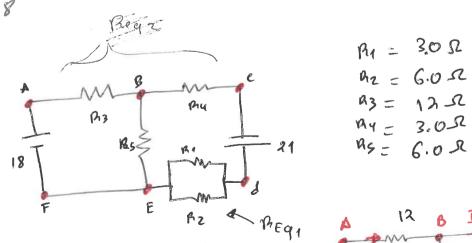
regaliso ponque house cumbo de Tursão

Malha1: R2 I3 - 15 + P, I1 = 0

Malha 2: R2 T3 - E + R2 T2 = 0

$$\begin{cases} T_1 = 2 - \overline{I}_2 \\ 5_{2} = 1 - \overline{I}_1 \\ E = 10_{1} \times 1_{1} = 13_{1} \times 1_{2} \\ E = 10_{1} \times 1_{1} = 13_{1} \times 1_{2} \\ E = 10_{1} \times 1_{2} \\ E = 10_{1} \times 1_{2} \times 1_{2}$$

Exercise 8



$$R_1 = 3.0 \Omega$$
 $R_2 = 6.0 \Omega$
 $R_3 = 12 \Omega$
 $R_4 = 3.0 \Omega$
 $R_5 = 6.0 \Omega$

Le das malhas

Malla 1: R2 II 8 - NG I3 - 18 = 0

Malha 2: Ry I2-21 + Rog I2 + Rs I3 =0 Poulo B

$$T_{1} + \overline{I}_{3} = I_{2}$$

$$R_{3}T_{1} - R_{5}T_{3} - 18 = 0 \qquad (5) \begin{cases} I_{2} = I_{1} + I_{3} \\ 12T_{1} - 6I_{3} = 8 \end{cases}$$

$$R_{4}F_{2} - 21 + RegF_{2} + S_{5}I_{3} = 0 \qquad (3(I_{1} + I_{3}) + Reg(I_{1} + I_{3}) + 6I_{3} = 21$$

$$\frac{1271 - 673}{6} = 18$$

$$\frac{12I_{1} - 6I_{3}}{6} = 18$$

$$\frac{12I_{1} - 6I_{3}}{6} = 18$$

$$\frac{12I_{1} - I_{3}}{6} = 3$$

$$\frac{I_{3} = 2I_{1} - 3}{5 \cdot (F_{1} + I_{3})} + (6I_{3} = 21)$$

$$\frac{I_{3} = 2I_{1} - 3}{5 \cdot (F_{1} + I_{3})} = 21$$

$$\begin{cases} T_3 = 2T_1 - 3 \\ S_1 + 11T_3 = 21 \end{cases}$$

$$ST_1 + 11(2I_1 - 3) = 21$$
 $27I_1 = 54$ $I_1 = \frac{54}{27} = 2$

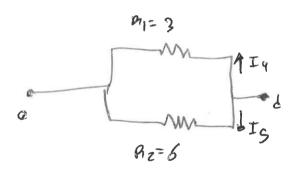
$$T_{3} = 2 \times (2) - 3 = 1$$

$$T_{2} = 3 \text{ A}$$

$$T_{3} = 1 \text{ A}$$

$$T_{1} = 2$$

$$T_{1} = 2 \text{ A}$$



$$V_{de} = R_1 I_Y$$
 $E > I_4 = \frac{V_{de}}{R_1}$
 $I_4 = \frac{6}{3} = 2 [A]$
 $V_{de} = R_2 I_5$
 $I_5 = \frac{6}{6} = 1 [A]$