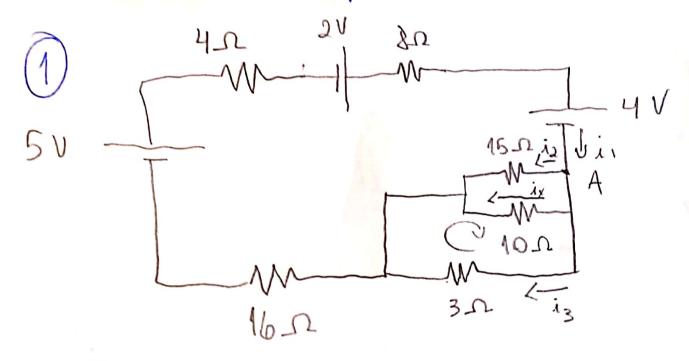
Luís Otávio Lopes Amorim - SP3034178

21/01/2021



$$\frac{15\Omega}{2\sqrt{2}} \rightarrow 10ix - 15ia = 0$$

$$10\Omega$$

$$10\Omega$$

$$10\Omega$$

$$10\Omega$$

$$10\Omega$$

$$\frac{10 \cdot \alpha_{\text{cix}}}{\sqrt{2} \cdot \alpha_{\text{cis}}} \rightarrow \frac{3i_3 - 10i_x = 0}{3}$$

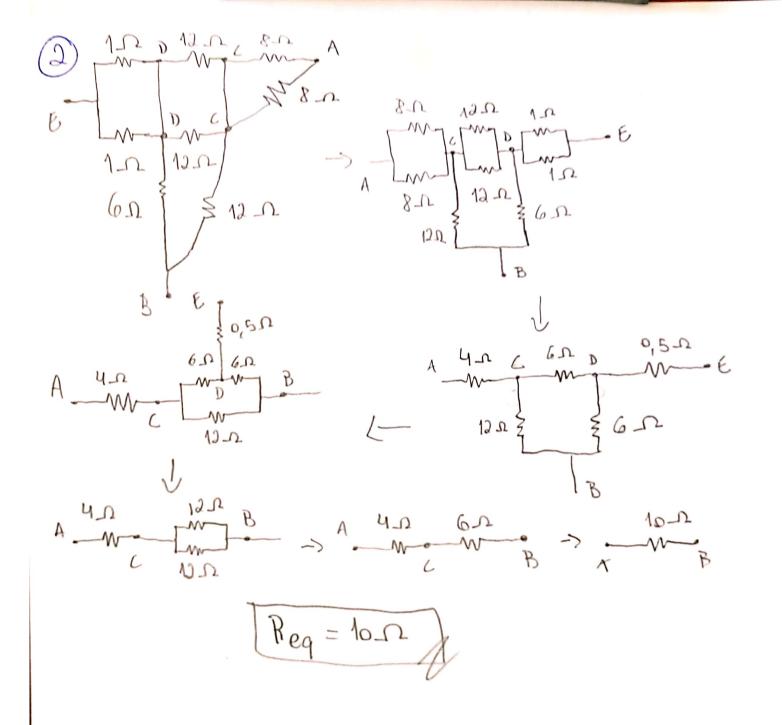
$$\frac{13 = 10i_x}{3}$$

$$23i_1+10i_x = 3$$

$$[i_1 = 3-10i_x]$$

$$\frac{3 - 6ix}{28} = \frac{2ix + ix + 10ix}{3} = \frac{3 - 6ix}{28} = 5ix = 3 - 6ix = 140ix = 3 + 150ix = 3$$

$$1 \times = 1 = 0,02A = 20 \text{ mA}$$



3
$$\frac{3}{100}$$
 $\frac{3}{100}$ $\frac{$