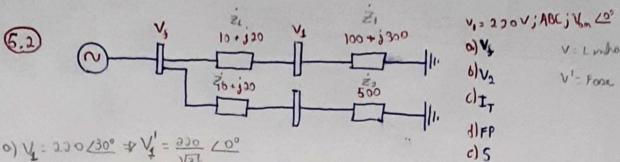
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Lista de exercícios - 2



b) 
$$\dot{I}_{3} = \frac{V_{3}'}{\dot{z}_{3} + \dot{z}_{L}} \Rightarrow \dot{V}_{2}' = \hat{I}_{2} * \dot{Z}_{3} \Rightarrow \dot{V}_{3} = \frac{[V_{3}']}{[\dot{z}_{3} + \dot{z}_{L}]} \left[ \dot{Z}_{3} \right] \left[ \dot{V}_{3} \times (30^{\circ}) \right] = 230.62 \times (27.20^{\circ}) \left[ V \right]$$

() 
$$\dot{I}_{T} = \dot{I}_{1} + \dot{I}_{2} = \frac{\dot{v}_{1}^{1}}{\dot{z}_{1}} + \frac{\dot{v}_{2}^{1}}{\dot{z}_{2} + \dot{z}_{1}} = 0.56 / -45.07^{\circ} [A]$$

(5.4)
$$N_3 = ?$$

$$N_1 = 1000 \times \frac{12}{N_2} = \frac{600}{11} \approx \frac{55}{55} = \frac{55}{11}$$

$$N_2 = 1000 \times \frac{12}{220} = \frac{600}{11} \approx \frac{55}{55} = \frac{55}{11}$$

logo, concluise que os valores sos equais os lado de alta tensão.

