P2 - ELt 340 - Conversão

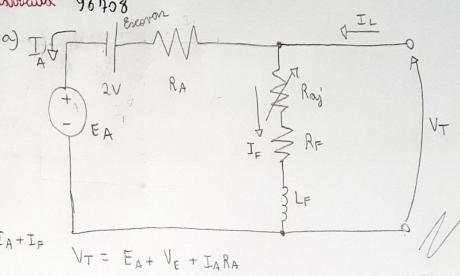
Nama: Weritzan Frederika de Olivera Alvez

Data: 17/5/21

alwertan 96708

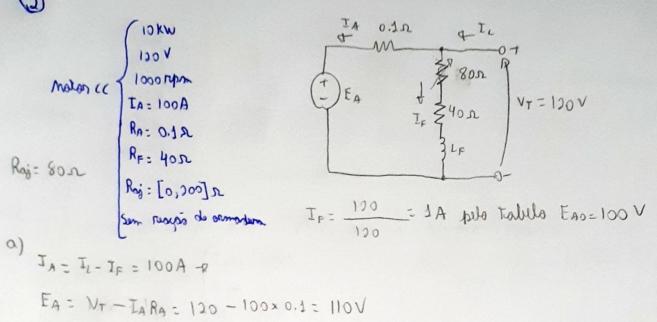
1



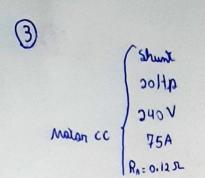


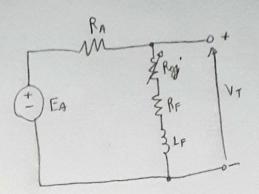
EA = KOW - R makes bloquedo + W= O = R EA = O V

c)
$$M = \frac{P_{\text{out}}}{P_{\text{im}}} \times 100\% = \frac{1479}{2100} \times 100 = \frac{1479}{21} = 70,43\%$$



$$\frac{m_1}{m_0} = \frac{E_{A1}}{E_{A0}} = R \quad m_0 = \frac{E_{A2}}{E_{A0}} \quad m_1 = \frac{110}{100} \times 1000 \, \text{rypm} = \frac{1100}{100} \, \text{rypm} \, M$$





9) 10 minutes du estacjos pode van altido por meio do regulsto equação:
$$M = \frac{\log(Ra/Rt)}{\log(T_{min}/T_{max})} = \begin{cases} T_{min} = 75A \\ T_{max} = 75x250 = 18715A \end{cases}$$

$$R_t = \frac{VT}{T_{max}} = \frac{240}{18715} = 1,28n$$

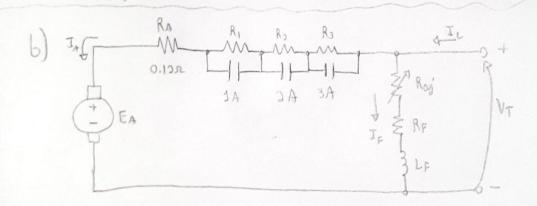
$$R_t = 0.12n$$

$$R_t = 1128$$

$$M = \frac{\log(0.12 \Lambda_128)}{\log(75/18715)} = 2158$$

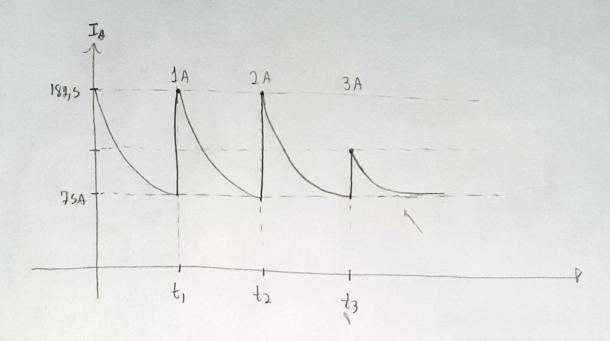
$$R_t = 0.12n$$

$$R_t = 112n$$



Volor maninal & FA1 = VT - TAR+ = 240 - 75x 1,28 = 144V

3 4)



(H)