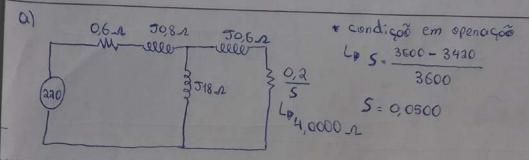
Mome: Pedno hucas Monois Analyo P7 eletnotécnica máquiras Assinctionas hista 3



* mit ligado em Delta

Zeg= 14,0000 + Jo,61 /1 J18

6)

Zeq=(4,044718,5308°)//(18190°)

 $Zeq = \frac{(4,0447 [8,5308]) \times (48 [90])}{(4,0447 [8,5308]) + (48 [90])}$

 $Z_{eq} = \frac{72,8046 \, \lfloor 98,5308^{\circ}}{19,0252 \, \lfloor 77,8633^{\circ}}$

Zeq= 3,8267 (20,6675° A

2297 = (1,0000 (53,1301°) + (3,8267 (20,6675°)

Zeg = 4,7012 (27, 2234° 2/

 $T_F = \frac{220 \, \text{Lo}^2}{4,7012 \, \text{L}_{27},2234^2} = 46,7966 \, \text{L}_{27},2234^2 \, A$

IL = 46,7966 . V3 = 81,0541 A// (higado em Delta)

CODØ = 0,8892 C) Pin= V3. VL. IL. CON 0 Pin = 13 . 220. 81, 0541. 0, 8892 Pin = 13. 15856, 1273 Pin = 27463, 6180 W- 0 27, 4636 KW L# 37, 3654CY PCUE = 3. Rs. IF2 PCUE = 3.0,6. (46, 7966) PCHE = 3941,8592 W - 3,9419 KW Pg = Pin - Paux Pg = 27463, 6180 - 3941, 8592 Pg = 23521, 7588 w - 23, 5218 Kw PMD = (1-5). Pg PMD = (1-0,0500). 23521,7588 PMO = 22345, 6709 w - 7 22, 3457 Kw Ro = PMD - PROT Po=22345, 6709 - 1227, 50 Po = 21118, 1709 → 21, 4182 Kw Lr 28,7322 CV no6 = Po x 100 m°6 = 21118, 1709 x 100 no/ = 76, 8951%

d)
$$\sigma_0 = \frac{P_0}{NR \cdot \frac{2\pi}{60}}$$
 $\sigma_0 = \frac{24118, 4709}{3420 \cdot \frac{2\pi}{60}}$
 $\sigma_0 = 58, 9660 \text{ Nm}$

e) $\sigma_0 = \frac{P_0}{Nh \cdot \frac{2\pi}{60}}$
 $\sigma_0 = \frac{23524, 7588}{3600 \cdot \frac{2\pi}{60}}$
 $\sigma_0 = 62, 3934 \text{ Nm}$

f) $\sigma_0 = 62, 3934 \text{ Nm}$

l) $\sigma_0 = 62, 3934 \text{$

Cb= 76,0103 MF//

9) fp Atual: 0,8892 Q3 = 27, 4636. (0,5145-0) expendo: 1 Q3 = 14, 1300 KVAR 01 = 27, 2271° Q5 = $\frac{14}{3}$, $\frac{1300}{3}$ KVAR $02 = 0^{\circ}$ Q5 Q1 = 4, 7100 KVAR 03 = 9,5145 Q1 = 4, 7100 KVAR 04 = 9,5145 Q1 = 4, 7100 KVAR 05 = 9,5145 Q1 = 4, 710

B)

Canneg = $\frac{Popenação}{Pnominal} \times 100$ Canneg = $\frac{21118,1709}{14700,0000} \times 100$

Canneg = 143, 6610%

conclusão: U mit está

robnecannegado.