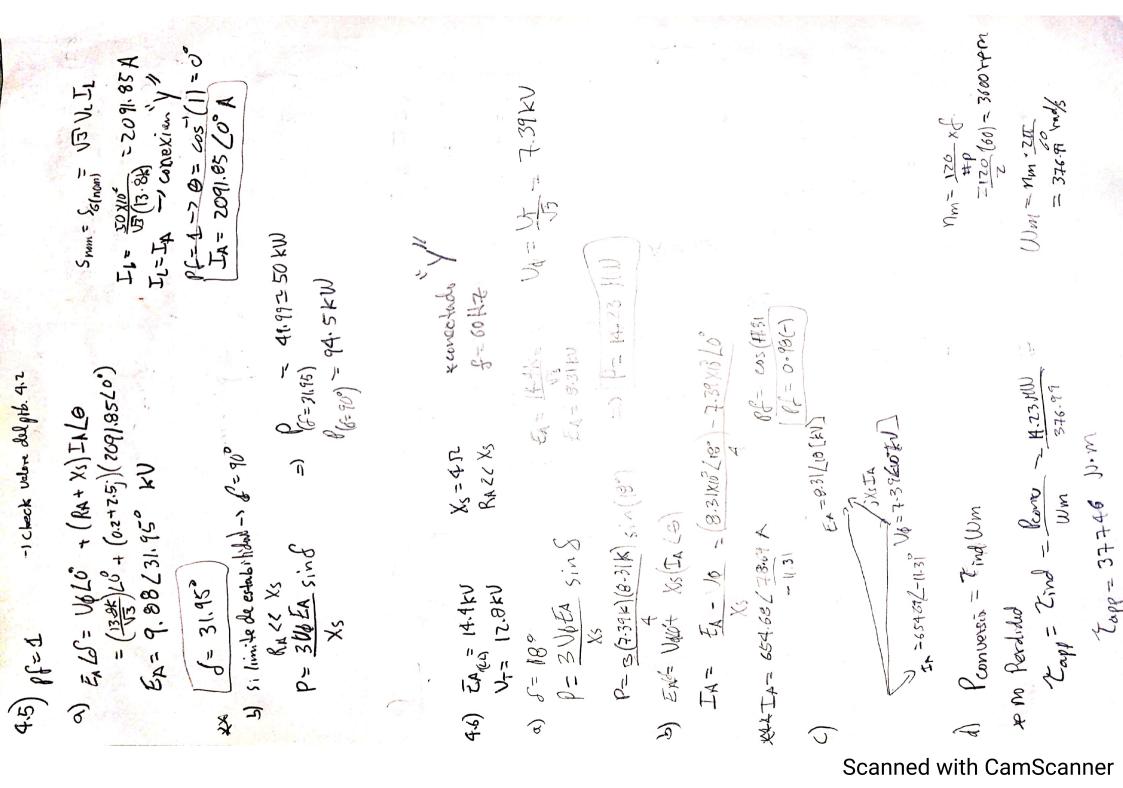
Edwin Rodniguez 7-709-1604 Tarea#3 4 le Och de 2021 Desatrollo de problemos: 43) I= 5A (Fijudo); pum proble(4-2) f=60H= a) E_{A} = $\frac{7}{16.5}$ E_{A} = $\frac{7}{16.5}$ E_{A} = $\frac{16.5}{16.5}$ E_{A} E_{A} = $\frac{16.5}{16.5}$ \frac ZL(0) =) ZL(1) -(7.25+3.38) 1 2 8 (25° J Magnitud de Vd Vb= IAZ = (1004)(8) * Magnituda de IA IA = EA = 9.53K -| ZA +ZL | 0.2+, 2.5 + 8(25°) V0 = 8032 V Ur = V3 Va = V37 (803Z) In= 1004 A 14= 13.9 KV B IN= 1004 (-25.8AA Up= 8032/0° V EA = (803220°) (0.2+2.5) (1004(258) =) EA = 9.58 /13.54 KV 4) n= Pout x100% Pont= 3 U1 IA coso = 3(8032)(1004)(0.9) Powto ZIO77 MW Peled= 3 I A RA = 3 (100 4) (0.2) = 0.605 MW PC= 1.5MW ; PARU=1.0MW

 $\eta = 87.57\%$

n= 21.77 ×10 ×100 ×100 ×100

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```
6= cos (08)= 36.87°
                                                                                                                                                                                                           Ex = 831420 + (0.0718-17.281) (4009 (26.84)
                                        Zbaso = 3 Udbern = 3(8314) 13 - 14.44 - 8314V
Zbare = 2.074.11
                                                                                Rx = (0.011) (7.07421)
                                                                                                                                                                                           N = 4001/- 36 876 M
                                                                                                    RA= 0.0228 R
                    Ks=1.1 pau
Rn=0.011 pau
                                                                                                                                             Sun = Son 100 MUA
Su= 13 Vec IL
5, = 100 MUA , 14.4KV
                                                                                                                                                                           T_{A} = \frac{100 \times 10^{6}}{\sqrt{3} (14.4 \times 10^{3})}
                                                                                          Xs =(1,1)(2.074n)
                                                                                                                                                                                                      IN = 4009A
                                                                                                         DS-2-2010C
                     F- 50Hz
P= 08F)
P= 2
                                                                                                                                 b) @ Newmort
          4.7)
                                                            8
```

P- 3464 SING

C) Si -1 pasan per alte footble! let peramo

MUT SOM

Parv= Zind - Pronv

Zapp= Zind - Pronv

= 80 MW
= 314.16
= 254.6 x N.M

Nm=120 (50)=3000 v/min

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