

(2)

SEG = I22.RG+(I22+I11).R2+(I22-I33).R4 (E3 = I33.R5+(I33-I22).R4+(I33+I11).R3 I11 = 2A

 $5 = 400 + 350 I_{22} - 50 I_{33}$   $100 = 200 - 50 I_{22} + 300 I_{33}$   $I_{11} = 12A$  $I_{22} = \frac{-38}{41}A$ 

I32 = -20/41 A

 $IR_1 = 2A$  $IR_2 = I_{11} + I_{2a} = 2A - \frac{38}{41}A = \frac{44}{41}A = \frac{1.0731A}{41}A = \frac{1.0731A}{41}A = \frac{1.512A}{41}A = \frac$ 

P1=IR, 2. R1 = 22. 100 = 400 W P2 = IR2. R2 = (1.073) 2. 200 = 230.26W P3 = IR2. R3 = 1.512. 100 = 228.62W P4 = IR4. R4 = 0.4392.50 = 9.636 W P5 = IR3. R5 = 0.4872. 150 = 35.575 W P6 = IR6. R6 = 0.926.100 = 85.748 W

? = PE3 = I33. E3 = 20/41.100 = 48.78 W PE6 = I22. E6 = 38/41.100 = 92.68 W





