Girde Mil - UZJ au 5: שלב R13= R1+R3=3KQ, R2=3KQ DIE E D. MA DIE LET MARGE CHER COMP (CA) IR1 = IR3 = Is2 : R13+P2 = 3 : 3 = 1.5 mA $R_T = \frac{\Omega_{43} \cdot \Omega_2}{\Omega_{43} + \Omega_2} = \frac{3 \cdot 3}{3 + 3} = \frac{9}{6} = 1.5 \times \Omega$ IR2 = Isa : R1813 = 3 · 3 = 1.5 mA R12 = R1+R2 = 2+3=5KQ, R3=1KQ, : I=2ml py role purel Isa no pru] RT = R12+R3 = 5+1 = 5 = 0.833 KQ IRI=IR2=ISI R3 = 2.1+5 = 6 mt IR3=2.1+5 = 6 mt IRI= IRIK - IRIP = 1.5 - 3 = MGG7mA IRa= IRUC+IR2P = 1.5+3 = 1.833 mA IR3 = 1.5+3 = 3.1667mA PRI=1.361.2=2.722 | PR2=3.359.3=10.079V : P.9207 2016 (D (D) poor pour) P=I2. R; Pa3=10.027.3=30.083V | UIS1=UR1=PR1=2.722 = 2.33W | UIS2=UR2=IR1 = 1.833 = 5.498W PISH = UISH - 2.333 . 2 = 4.606 | PISZ = UISZ - IXSZ = 5.498 . 3 = 16.494 PT=P1+P2+P3+ + E80.05+PF0.01+65.083+ MR2 = P2 = 10.079 = 0.167 = 15.7% / 5 10 6 9800 NOVE NOW VUENO NOW WITH WAR ופתר בסישר בנתי חושים / ופתור אשוות ונאצו פרחים: :5 2/1001 5 500) 1. E1=R1-I4+ R2. (In+I33)+R3. (In+I33) 10=12In+4I22+3I33 IM = 0.916A PIRASIP 30 יפטומרים קו 2. Ez= R5. (Izz+I3z)+R3. (Izz-Iu)+R4. Iza 6=-3IM+15I22+6I33 122=0.434A 3. E3=R6. I33+R5(I32+I33)+R2(I33+IM) 8=4IM+6I22+14I33 | I33=0.106A Im=In=0.916A | IR2=0.916+0.106=1.000A CAC MES CCN. 9 138.9: IR3=IM-ID2=0.916-6.474=0.442A | IR4=ID2=0.474A | IR5=ID2+IB3=0.474+0.106=0.58A תו אונרות המתח הם ספקים מכון על הכרמים יוצוים חיקים לומר | ADDN. 0=851= שא ב DILL 9: (PAR 8, MAIDIIV CO.OV CCM. U.Q.d: 70 6 FOUN 1. E3= R5. I33 + R4 (I33- IM) + R3 (I33 + I22) 100=50 IM +100 ID +300 I33 -100=50 IM+300 I33 650119 61 NOSE 2. EG = RG·In+R2(In+I2)+R4(In-I33) 100=350 In+200 122-50 133 - 30=355 In-50 133 INF-0.920A | I22=2A | I33=-0.4878 | IR= ZA | TRZ= IM+I22=0.926+2=1074A IR3= I22+ I23= 2-0.4878=1.5122A | IR4= I33- IM=-0.4878-0.926 >0.438A | IR6=-0.4878A *PR:= Ii2. Ri IRG=-0.926 A PR= 22.100=400W PR2=1.0742.200=230.695W PR3=1.51222.100=228.674W PRU=0.437.50=9.5922W | PRS=(-0.4878) 150=36.692W | PRG=(-0.926) -100=85.247W PE3= U. T = 100. (-0.4878) = -48.78W | PE6=100. (-0.926)=92.6W | PT = P1+P2...+PE6=849.02W IN : K = 20 = 1.2A | VR1 = IN : R1 = 1.2 : 20 = 34V | IR2 = R2 = 30 = 3 A | VR2 = IR : R0 = 10V : URA TO COKH TIRK MY : 7 THE VH= E1.R2+E2.R1 24.30+10.20 = 200+720 = 18.4V RTH=120 : 5 DE RTH = RH+RZ 20.30 = 60 = 12 CL, RL=R3 = 10 CL VTH=18.4V RL= R3= 100 עניים צוני I) En= Pr. Im 24 = 20. In In=1.2A BYIC HAST UCOIL: I (E2= R2= In 10=30-In In=0.333A M R2 300 / Mod In=IM+I22-1,2+0.323=1.533A 11671 2 CEL = HTX = NA 1.523A D RA \$ RL=R3=101

5 20:00 JOHN I= RT = 22 =0.83GA IRS= I=0.83GA RT = RTH +R3 = 12+10 = 22-0 Pra= I2. R3=0.8362.10=6.99W נצי שתהספק עם R3 יהיב שקסימשי צאין להיות שיווה להתלבות תפנין: R3= RTH = 120 | RT = R3 + RTH = 240 | I = 18.4 = 0.766A IR3 = I = 0.766 PR3 = 0.7662.12=7.05W in Bi N was now you now you als en; ung sin 28; RTH = R1-R2 + R3. R4 = 11/1 + 24 = 1 + 8 = 1.8881 UAB+UR2+E2-UR4=0 UAB=UR4-UR2-E2 : UAB = Vth - DIC DEN IA = E1-E2 = 24-16 = 8 = 4A UR2 = IA R2 = 4.1=4V IB = R3+R4 = 3+4 = 2A UR4=2.4=8V UAB = 8-4-16 = -12V > VEH = 12V SYRE , A RY (or levoing JPU) IRS= I = RT = R5+Rth = 1.883+2.166 = 4 = 3A CAL Madaly Eged angali RN=RTH = 1.833 | IN = Vth = 1.833 = 6.54V IR5 = 1, 1833 = 3A C. Mas Rack R3.4 = R3+R4 = 2+4 = 8 = 3 = 1.3330 | R3.45 = R24 + R5 = 1.33+2.166=3.50 RTH = R1. R3.415 = 1.3.5 = 3.5 = \$ = 0.77 \ VUN = UAB = EA