5 (102)

120160

302



R13= R1+ R3= 2+1= 3 KA

In= I3= TT-I2=3-105= 105mA

: Isa Ry POSA NAN NE GOD

K12= R1+R2= 3+2= 5KA

$$\frac{I_{1}=2MA}{I_{3}} = \frac{R_{12}}{I_{7}} = \frac{S}{S_{14}} = \frac{S}{S_$$

יאחלק כרזי

IR1= Inc - Ing -1.5-3= 101667mA

1915016:

IA2= Izk + Iz= 1.51 = 1.83mA 2A3= I3x + I3= = 1.5+ = 3.1667mA

= PAZ 10.08. PE = PAZLPAZLPAZLPAZ (1.1667) .2 - (3.1667) -1-10.08 = 22.83 o?

PE 22.83 = 0.446 = PAZ = 72.82 = (1.833) -3 = 10.08 m A

4406%

:5 2 1/10

MANNOS PIEN

(= R3(I11-I22)+B2(I11-I33)+R10I11 E2= RS(I22+I33)+R3(I22-I11)+R40I22 E3=RS.(I33+Iz2) +Rz(I33+I11)+RGJ3

0

10=3(111-122)414(111-1-33)-50711 S= G. (J22+133) +3(J22-J11)+6.722 8 = 6 . (133+722) - 41 (133-711) - 4122

[10 = 12]1 3] 22 = 4]33 5=-3111-15122-6133 8 = 4211 -6122 -14333

In= 0, 916 A Izz Ought I33 = 001064

IA1 = 0.916 A IAZ = 0.916 - 0.106 = 10022 A PAZ= I2. Rz=1.002. 4 = 4.1779W IR3=00916-00474 - 00442A JR4 = 0,474 A IRS =0.106=0.474-0,58A Ih6=0-106A.

<- ifoyna rivisa Ne Play PR1= I2. R1=(0.916)2.5=4.195W PR3=12. R3- 0.442-3-0.586W PAy= 7,2. hu=0.47426=1.348W PR5=750R50058206=2018W PAG= 1,2 RG=00106 - 4 = 0. 449W PE1=10-1= 10.0,916=9.16 PEZ=U-7,2-0,474'5=2,374

1013 10111120 12 NOTES - 10-133-016-1-0.848W TRILIBRIL PROLEDES - DRG-PEALPEZIPES 4014564.177966258661.34842,01860446= 20.16+2.3320,348

CI

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(F6=]3-R6 4(13-71) R2 4(13-J2) R4 (3=12.85 - (12-13)89 - (12-11)83 120 = 350]3-SJ2-100], 100=-50]3-300]2-100] 1 I1=2A (100=350]3-50]z+400 \[\loo = 350]3-50]2+400 \\ \loo = -50]3+300]2 I,=2A, Iz= I3- I,=10074A, I3=-0.926, T2=-0.487 I3= I2 - I1 = 1.513, I4= I3 = 12= 0.439, I5= I2=0.487 A T6= 2976A, PE3= (1+11)= 1000(-0.487 +2)=151.3 PR1 = (11)20 R1 = 400 W PEG=[18-7]= 100 0-08926= 926 PAZ=(52)? RZ = 230.867W PIN= V. I = 4660102 = 93202 pk3 = (33)2. R3 228.917W pRy=(349. Ry = 90636W DR5 = (Is) - R5 = 35057w PRG=(16)3-RG= 850747W 2º Nost KOGVII. PAIL PRZC PRZ - PRZ-PRZ-PRG = 990533384 MILLE SIL CAND DE LECE RE. UT VICTURE LAVELLE COLLE LAVOILLO.

> VI-VAI-VA2-VA3-E3=0 V= I.A VI- 566.1+100=0 VRI=J: h1=2*100=200 VI= 460=1 6 VA2=J=A2=100740200=214.8 PI+PE3=PE6 = 2Ph=1083 :Pp) 5500 170087 PE3 PI

> > 1 10 ROSCI RS ERCU 1

-7/671 B1 2012 1. AFORM TE PENJANA AND AND AND AND AS ALL PASS : BELL AICPERS Ath = A10A2 20-30 = 60= A2 . Wth MICPEN istines stills to lissip 106 VA 1= Jo R 1 - 20-10 20 = 5.6 E1 - VRI- VALL = 0 I- B- 70 24-5.6-VAh V+h=18.4V in cy I len AN=Ath Ath TED INDREW RN 7101 $I_{n} = I_{1} - I_{2} = \frac{\epsilon_{1}}{\kappa_{1}} \cdot \frac{\epsilon_{2}}{\kappa_{2}} = \frac{24}{30} \cdot \frac{6}{30} = 105333$:(161) ray N

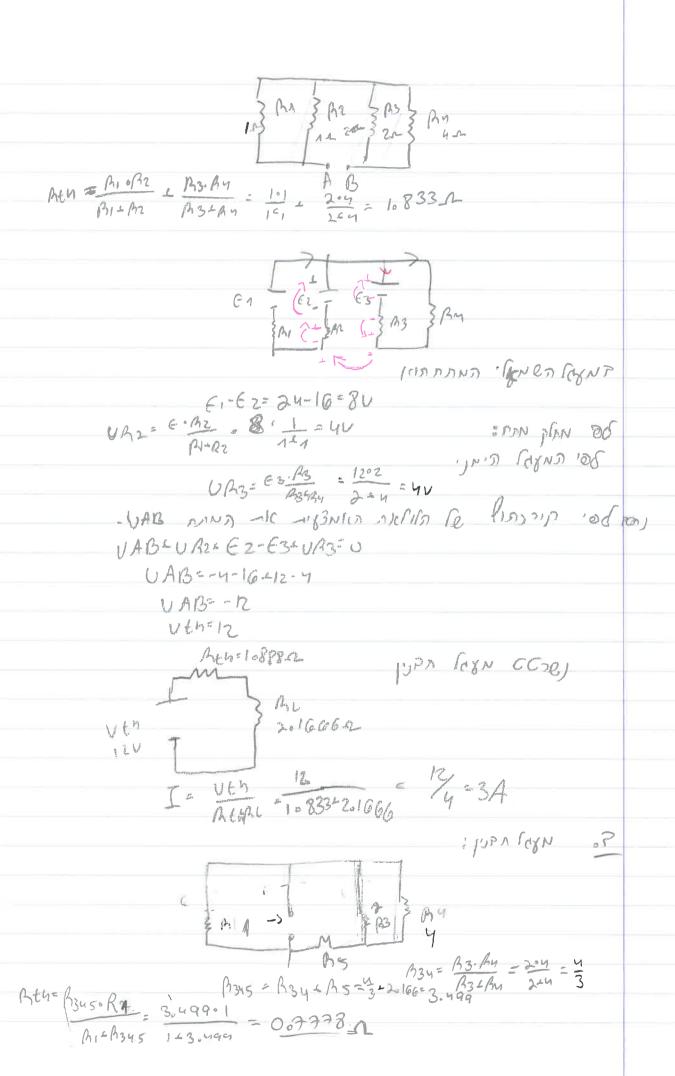
IN PROPERTY AL

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P = V2/A
                                              07
  1=1.5333° 10
VR3 = vth . R3 = 18.4.10
R3.4 Ath 10-12836VRAMPTON OFPEN)
  PR3 = UR32 - 8.362 = 6.995W
שופ המוסיתו יהיה כזופר דו ושל הציה ביוה פונה
           A3=Bth=12 2NIB Ath JOYP
                        R3 7178 707 1 RAIL B3
    IR3 = In · RN = 1 · 533 · 12 = 067605A
    PB3 = JB326R3 = 00760526/2=7.05W
         (E1-EZ = ] 11. A1 - (III-J22/. AZ -183N/IP > LOO)
   (3 = 133-B4+ $33-722) R2
  [ E2-E3 = (I22-J11)R2+(J22-133)-R3
24-16 = 711-1 - 1211-10122
16-12 = -1711-122-2122-2733
12=4[33+2]33-2]22
             III= 7.2727A IZZ=6,5454A, I33=40100A
8=2111-1222-0133
4=-111-3122-2133
12=0111-2712=6233 IN=605454A
                     | 1C31) COYN
   IL = ZN·AN = 6.54501.833 = 3A :23) [AN 'Of
                                 SLIBY CAN
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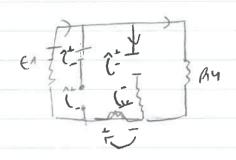


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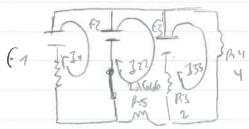
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vtu

RN=007778N : 11Col) COEN IN 13N/1 BC NG 73,71



Cente Syngh sen. 4121:

E1- F2= 211. R1. Ez-Ez = Sue Jzz-hy + (222-153) R3 (3 = 233. Au + (233-322) A3

12 4233-2733-2722 / 12=6733-2722

133= 2.762 122 = 2.286 IN= 211-22 = 7-2.286-5.714A.



Internal IT = IN. UN DOZA

I L= IN 'Rn (A)) RL= 1016664 71PY od

G. 5450 1.833 1.83341.166 = 4A.