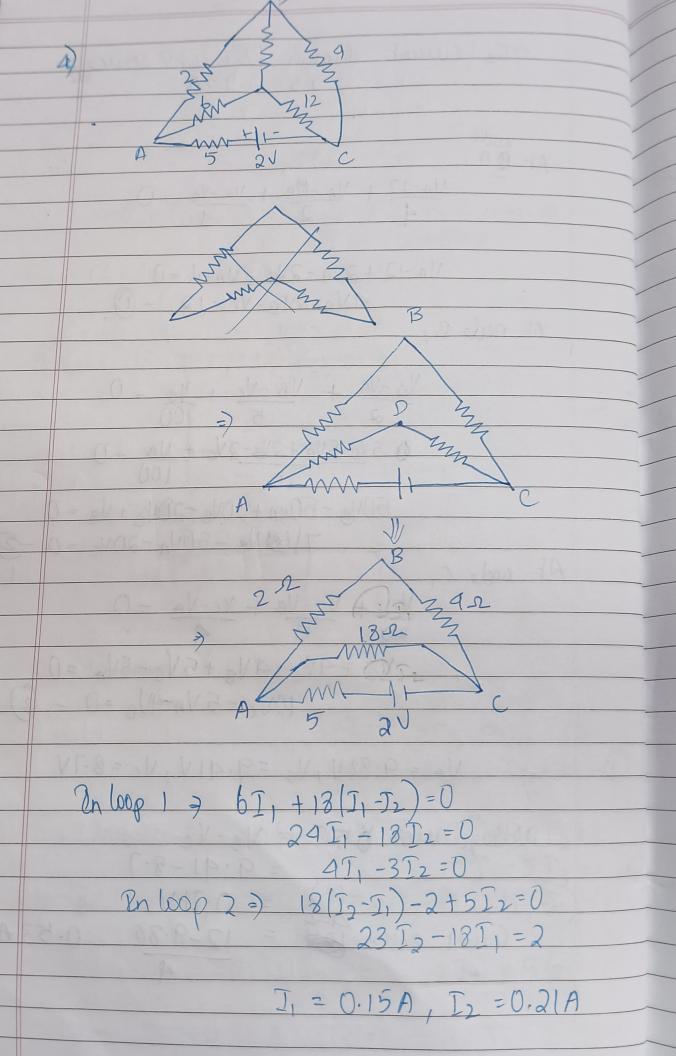
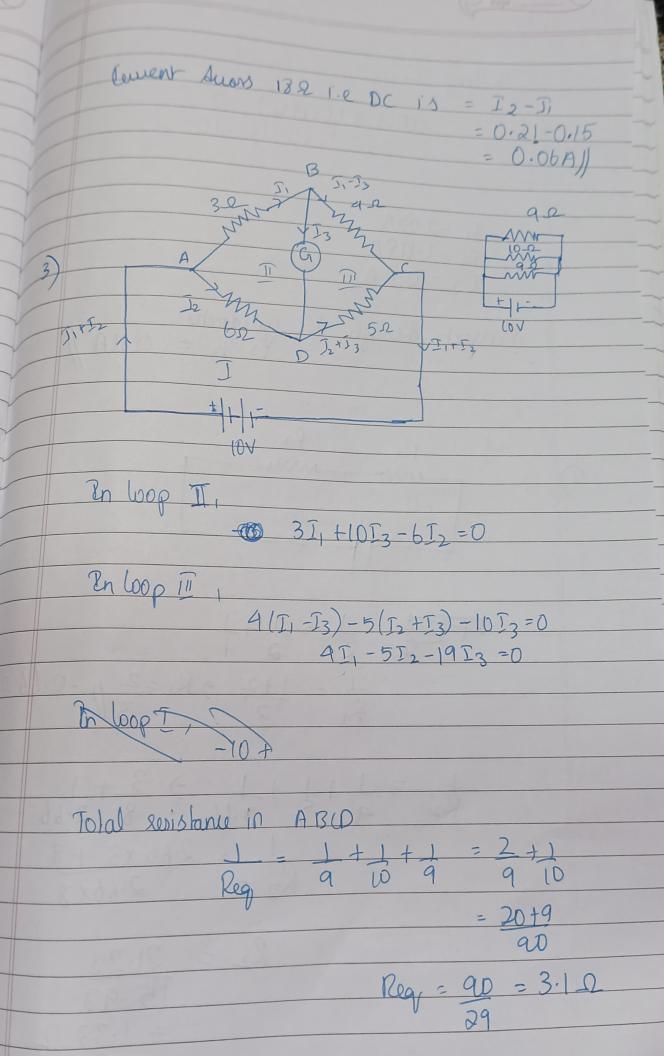


The Cueent through the 12 V source
At BA, NA-12 + VA-108 + VA-10 = 0
VA-12 + 2VA - 2VB + VA-VC=D 4VA-2VB-VC=12 - 0 AF nodo B,
V _S -V _A + V _B -V _C + V _B = 0 2 5 100
50/18-50/14 + 20/18-20/16 + VB = 0 50/18-50/14+20/18-20/16+0/18=0 7/68/18-50/14-20/16=0-0
At rode C, Vc + Vc - VB + VC - VA = 0
$\frac{20}{V_{C} + 4V_{C} - 4V_{B} + 5V_{C} - 5V_{B}} = 0$ $\frac{10V_{C} - 5V_{B} - 4V_{B}}{10V_{C} - 5V_{B} - 4V_{B}} = 0 - 3$
Vollage auos \$52 = Vs-Vc
= 9.41 - 8.7 $= 0.71V$ $= 12 - 9.88 = 0.53 A$ $= 12 - 9.88 = 0.53 A$

=0.19





Pr loop I,

$$-(0 + 3 \cdot 1)(T_1 + T_2) = 0$$
 $3 \cdot TT_1 + 3 \cdot 1T_2 = 10$

The second of the polynometry of $T_2 = 1 \cdot 199 A$
 $T_3 = 0 \cdot 11 A$

Consent Reough the polynometry of $T_3 = 0 \cdot 11 A$

Property of $T_3 = 1 \cdot 199 A$
 $T_4 = 1 + 2 \rightarrow 10 + 2 \rightarrow 10 + 20$
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 $T_4 = 1 + 2 \rightarrow 10 +$

Tohl Residence = R1+R2 = 0.66+1.33 = 1.99 52 T = V = 10 = 5.02 AP = VI = 10 x 5.02 = 50.2 Walts/1 3 102 3A2 362 B Reg = 6×4 = 29 = 2.4.0 = 2.4+2 = 4.9 1 Reg = 4.9 × 10 = 99 = 3.05 IZ Total R= 3.05+7= 10.05 2

COR

V1= 400V 2 = 8+jb -2 Vpн = <u>VI - 400 - 230.9</u> V Connection In Star Jpx = IL/ = 230.9 10136.8 = 23.09/-36.8 Jpy = 23.09 A is also 23.09 A/