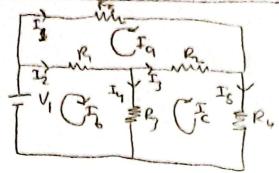
Ad-Mesh Soyal-Yelmon ignori Sira No. 21011702 lonza-140-Hessplar Olgonler



$$I_{a} (Q_{5} + Q_{7} + R_{1}) - I_{6}R_{1} - I_{6}R_{2} = 0$$

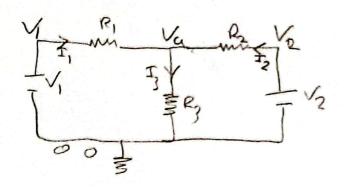
$$-I_{a}R_{1} + I_{6}(R_{1} + R_{3}) - I_{6}R_{3} = V_{1}$$

$$-I_{6}R_{2} - I_{6}R_{3} + I_{6}(R_{4} + R_{3} + R_{2}) = 0$$

$$\begin{bmatrix} R_{s}+P_{2}+R_{1} & -R_{1} & -P_{2} \\ -P_{1} & R_{1}+P_{2} & -P_{3} \\ -P_{2} & -P_{3} & P_{4}+P_{3}+P_{2} \end{bmatrix} \begin{bmatrix} I_{q} \\ I_{b} \\ I_{c} \end{bmatrix} = \begin{bmatrix} O \\ V_{1} \\ O \end{bmatrix}$$

A. X = B A-14. X = A-13 X = A-1.B

Tim	Iz(MA)	Ty mai	I, (***)	Isan)
8.45			1	10.3



$$\frac{V_{1}-V_{0}}{R_{1}} + \frac{V_{2}-V_{0}}{R_{2}} = \frac{V_{0}}{R_{3}}$$

$$\frac{V_{1}}{R_{1}} + \frac{V_{2}}{R_{2}} = V_{0} \cdot \left(\frac{1}{R_{1}} + \frac{1}{R_{2}} + \frac{1}{R_{3}}\right)$$

$$I_1 = \frac{V_1 - V_{C1}}{R_1}$$

$$I_2 = \frac{V_2 - V_{C1}}{R_2}$$

$$I_3 = \frac{V_{C1}}{R_3}$$

I, (4)	I3(4)	Iz(a)
2	1	1