$$U_{2}^{(s)} = \frac{U_{0}(s)}{(S+1)(2s^{2}+2s+2)} + \frac{1}{2(s+1)(s^{2}+s+1)}$$

$$U_{2}^{(s+1)}(2s^{2}+2s+2) + \frac{1}{2(s+1)(s^{2}+s+1)}$$

$$U_{3}^{(s+1)}(s^{2}+s+1) + \frac{1}{2(s+1)(s^{2}+s+1)}$$

$$U_{4}^{(s)} = \frac{1}{2(s+1)(s^{2}+s+1)} + \frac{1}{2(s+1)(s^{2}+s+1)}$$

$$U_{5}^{(s)} = \frac{1}{2(s+1)(s^{2}+s+1)} + \frac{1}{2(s+1)(s^{2}+s+1)}$$

$$1 = A(5^{2} + 5 + 1) + (Bs+c)(5+1)$$

$$1 = As^{2} + As+A + Bs^{2} + Cs + Bs+C$$

$$A + B+C = 0$$

$$A + B+C = 0$$

$$A + C = -1$$

$$A + C = -$$

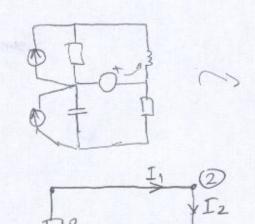
127.6 2

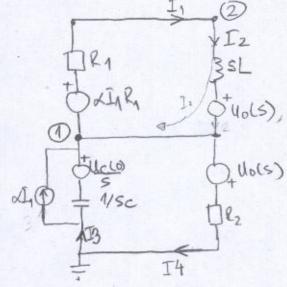
1º posmatuem ierore da 26 bude regulorma 2º dobrechim gram i Trorove te nacetan graf

3º matem 5

40 Brisem jednodibe grave

50 rimuorim por natica





$$U_{1} = U_{12} = \omega I_{1}R_{1} + I_{1}R_{2}$$

$$U_{2} = U_{21} = I_{2} \cdot SL - U_{0}(S)$$

$$U_{3} = U_{01} = I_{3} \cdot \frac{1}{SC} - \omega I_{1} \cdot \frac{1}{SC} + \frac{U_{0}(S)}{S}$$

$$U_{4} = U_{10} = U_{0} + I_{4}R_{2}$$

$$\frac{Z_{M} = 5 \cdot 26 \cdot S^{T}}{2m} = \begin{bmatrix} 1 & 1 & 00 \\ 0 & 0 & 11 \end{bmatrix} \begin{bmatrix} 64184 & 0 & 0 & 0 \\ 0 & SL & 0 & 0 \\ \hline -S_{C} & 0 & 1/S_{C} & 0 \end{bmatrix} = \begin{bmatrix} 641181 & SL & 0 & 0 \\ 0 & 0 & 1/S_{C} & R_{2} \end{bmatrix} \cdot S^{T}$$

$$\frac{Z_{M}}{S_{C}} = \begin{bmatrix} 0 & 1/S_{C} & 0 & 1/S_{C} & R_{2} \\ 0 & 0 & 0 & R_{2} \end{bmatrix} \cdot \begin{bmatrix} 1 & 0 \\ 1 & 0 \\ 0 & 1 \end{bmatrix} = \begin{bmatrix} 1 & 0 \\ 0 & 1/S_{C} + R_{2} \end{bmatrix} \cdot S^{T}$$

$$\frac{Z_{M}}{S_{C}} = \begin{bmatrix} (241)81 & SL & 0 & 0 \\ 0 & 0 & 1/S_{C} & R_{2} \end{bmatrix} \cdot \begin{bmatrix} 1 & 0 \\ 1 & 0 \\ 0 & 1 \end{bmatrix} = \begin{bmatrix} 1 & 0 \\ 0 & 1/S_{C} + R_{2} \end{bmatrix}$$

$$\frac{Z_{M}}{S_{C}} = \begin{bmatrix} (241)81 & SL & 0 & 0 \\ 0 & 0 & 1/S_{C} & R_{2} \end{bmatrix} \cdot \begin{bmatrix} 1 & 0 \\ 1 & 0 \\ 0 & 1 \end{bmatrix} = \begin{bmatrix} 1 & 0 \\ 0 & 1/S_{C} + R_{2} \end{bmatrix}$$

$$\frac{Z_{M}}{S_{C}} = \begin{bmatrix} 1 & 0 & 0 \\ 0 & 1/S_{C} & R_{2} \end{bmatrix} \cdot \begin{bmatrix} 1 & 0 \\ 0 & 1/S_{C} + R_{2} \end{bmatrix}$$

$$E_{m} = -S \cdot E_{b}$$

$$E_{m} = \begin{bmatrix} 11 & 00 \\ 00 & 11 \end{bmatrix} \cdot \begin{bmatrix} 0 \\ u_{0} \\ -u_{c}(0) \\ -u_{0} \end{bmatrix} = \begin{bmatrix} u_{0} \\ -u_{c}(0) \\ -u_{0} \end{bmatrix}$$

$$1 \times 4 \times 1 = \begin{bmatrix} 1 & 0 \\ 0 & 0 \end{bmatrix}$$

$$\frac{27.6}{5^2 + 15 + 10}$$

$$\frac{2}{5^2 + 15 + 10}$$

$$\frac{3}{5^2 + 15 + 10}$$

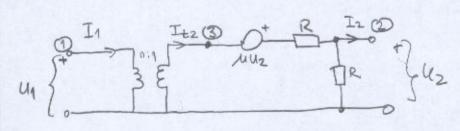
$$\frac{3}{5^2 + 10}$$

$$\frac{3}{5^2 + 10}$$

$$\frac{10}{5^2 + 1$$

YEC(S)

YPAR - jEbe awrova I1=41 y11 - 42 yrz



jzbe tratoa =

$$U_1 = nU_3$$
 $U_3 = \frac{1}{n} \cdot U_1$
 $U_4 = nU_3$ $U_5 = \frac{1}{n} \cdot U_1$
 $U_4 = nU_3$ $U_5 = nU_1$

: nevers

(2)
$$-I_2 = \frac{U_2}{R} + \left[U_2 - (u_3 + \mu u_2) \right] - \frac{1}{R}$$

$$-I_{2} = \frac{u_{2}(\frac{2}{R} - \frac{M}{R}) - \frac{1}{nR}u_{1}}{I_{2} = \frac{1}{nR}u_{1} - (\frac{2-M}{R})u_{2}} = y_{21} = \frac{1}{nR} \quad y_{22} = \frac{2-M}{R}$$

4 (3)

Unjet simetrichosti: