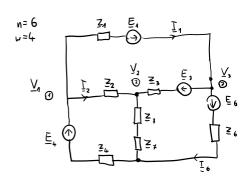
sobota, 12 maia 2018 18:57



$$\mathbb{I} \Big) \; \mathbb{I}_{2} \, \mathbb{I}_{2} + \big(\mathbb{I}_{5} \, \mathbb{I}_{7} \big) \, \mathbb{I}_{5} + \mathbb{I}_{4} \, \mathbb{I}_{4} = \mathbb{I}_{4}$$

$$\mathbb{H}) - \overline{2}_{3} \overline{1}_{3} + \overline{2}_{6} \overline{1}_{6} - (\overline{2}_{5} + \overline{2}_{7}) \overline{1}_{5} = \overline{E}_{6} - \overline{E}_{3}$$

Prody octhore:

$$\begin{array}{lll}
\underline{\Gamma}_{1} = \underline{\Gamma}_{1}^{\circ} & (\underline{Z}_{1} + \underline{Z}_{2} + \underline{Z}_{3}) \underline{\Gamma}_{1}^{\circ} - \underline{Z}_{2} \underline{\Gamma}_{2}^{\circ} - \underline{Z}_{3} \underline{\Gamma}_{3}^{\circ} = \underline{E}_{1} + \underline{E}_{3} \\
\underline{\Gamma}_{2} = \underline{\Gamma}_{2}^{\circ} - \underline{\Gamma}_{1}^{\circ} & (\underline{Z}_{2} + \underline{Z}_{4} + \underline{Z}_{5} + \underline{Z}_{7}) \underline{\Gamma}_{1}^{\circ} - \underline{Z}_{2} \underline{\Gamma}_{1}^{\circ} - (\underline{Z}_{5} + \underline{Z}_{7}) \underline{\Gamma}_{3}^{\circ} = \underline{E}_{4} \\
\underline{\Gamma}_{3} = \underline{\Gamma}_{1}^{\circ} - \underline{\Gamma}_{3}^{\circ} & (\underline{Z}_{5} + \underline{Z}_{7}) \underline{\Gamma}_{2}^{\circ} - \underline{C}_{5}^{\circ} + \underline{E}_{7} \underline{\Gamma}_{2}^{\circ} - \underline{C}_{5}^{\circ} + \underline{E}_{6}
\end{array}$$

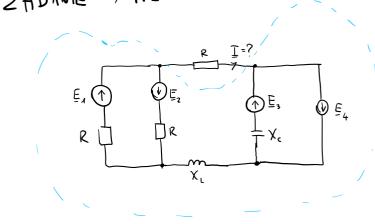
$$\underline{\Gamma}_{1} = \underline{\Gamma}_{1}^{\circ} - \underline{\Gamma}_{3}^{\circ} & (\underline{Z}_{5} + \underline{Z}_{7}) \underline{\Gamma}_{2}^{\circ} - \underline{C}_{5}^{\circ} + \underline{E}_{7} \underline{\Gamma}_{2}^{\circ} - \underline{C}_{5}^{\circ} + \underline{E}_{6}$$

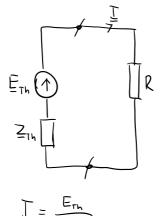
Potencialy restore: $\overline{\underline{L}}_{1} = \frac{1}{\underline{Z}_{1}} \left(\underline{V}_{1} - \underline{V}_{3} + \underline{E}_{1} \right)$ $\overline{\underline{L}}_{2} = \frac{1}{2} \left(\underline{V}_{1} - \underline{V}_{2} \right)$ $\overline{L}_3 = \frac{1}{Z_3} \left(\underline{V}_3 - \underline{V}_2 + \underline{E}_3 \right)$ I4 = 1 (-1/4+ E4) $\overline{\underline{L}}_{5} = \frac{1}{2_{5}+2_{4}} \left(\underline{V}_{2} \right)$

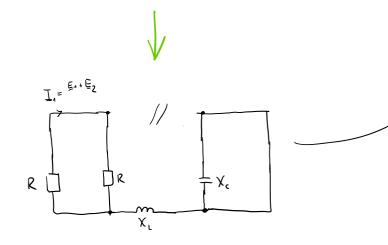
 $\overline{\underline{L}}_6 = \frac{1}{26} \left(\underline{Y}_3 + \underline{E}_6 \right)$

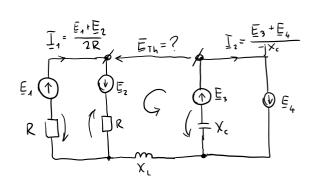
$$\begin{array}{l} \text{Admitanije} \\ \left(\underbrace{Y}_{1} + \underbrace{Y}_{2} + \underbrace{Y}_{4} \right) \underbrace{Y}_{1} - \underbrace{Y}_{2} \underbrace{Y}_{2} - \underbrace{Y}_{1} \underbrace{Y}_{3} = - \underbrace{Y}_{1} \underbrace{E}_{1} + \underbrace{Y}_{4} \underbrace{E}_{4} \\ \left(\underbrace{Y}_{2} - \underbrace{Y}_{3} + \frac{1}{2_{5} + 2_{2}} \right) \underbrace{Y}_{2} - \underbrace{Y}_{1} \underbrace{Y}_{1} - \underbrace{Y}_{3} \underbrace{Y}_{3} = \underbrace{Y}_{3} \underbrace{E}_{3} \\ \left(\underbrace{Y}_{1} + \underbrace{Y}_{3} + \underbrace{Y}_{6} \right) \underbrace{Y}_{3} - \underbrace{Y}_{1} \underbrace{Y}_{1} - \underbrace{Y}_{3} \underbrace{Y}_{2} = \underbrace{Y}_{3} \underbrace{E}_{1} - \underbrace{Y}_{3} \underbrace{E}_{3} - \underbrace{Y}_{6} \underbrace{E}_{6} \end{array}$$

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 $Z_{Th} = \frac{RR}{R+R} + j X_L = \frac{R}{2} + j X_L$