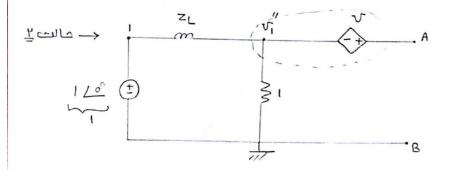


$$Z_L = 0 \longrightarrow V_1'(t) = 0 V_A' = 0$$

$$\nabla_{1}^{'}(+) = \nabla(+)$$
 , $\nabla(+) = \nabla_{A} - \nabla(+) \longrightarrow \Upsilon \nabla(+) = \nabla_{A} *$



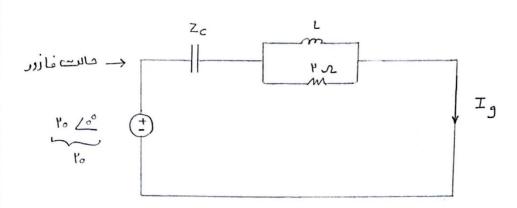
// ليره

$$KCL \rightarrow \frac{\nabla_{1}^{"}}{J} + \frac{\nabla_{1}^{"}-1}{J} = 0 \longrightarrow \nabla_{1}^{"}J + \nabla_{1}^{"}=1 \longrightarrow \nabla_{1}^{"}=\frac{1}{1+J} \xrightarrow{\chi(1-j)}$$

$$V_{1}^{"} = \frac{1-j}{r} = 0100 - 0100j$$

$$V_{1}^{"} = 0101 / \frac{-\kappa^{0}}{r} \longrightarrow V_{1}^{"}(+) = 0101 \cos(+-\kappa^{0})$$

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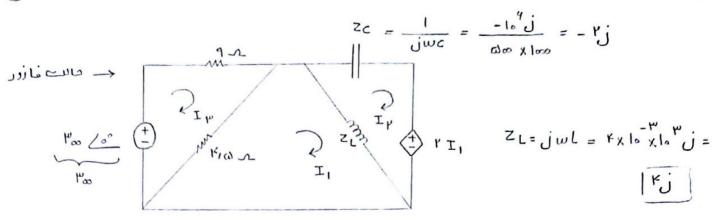


$$I_{0} = V_{0} \rightarrow I_{0} = V_{0} \rightarrow I_{0} = V_{0}$$

$$Z_{c} = \frac{1}{jwc} = \frac{1}{o/raxrj} = -j$$

$$Zeq = \frac{v_g}{I_g} = 1 \longrightarrow 1 = -j + \frac{k_{ij} \times k_{ij}}{k_{ij} + k_{ij}} \longrightarrow 1 = \frac{\lambda_{ij} - k_{ij} + k_{ij}}{k_{ij} + k_{ij}} \longrightarrow 1 = \frac{\lambda_{ij} - k_{ij} + k_{ij}}{k_{ij} + k_{ij}} \longrightarrow 1 = \frac{\lambda_{ij} - k_{ij} + k_{ij}}{k_{ij} + k_{ij}} \longrightarrow 1 = \frac{\lambda_{ij} - k_{ij} + k_{ij}}{k_{ij} + k_{ij}} \longrightarrow 1 = \frac{\lambda_{ij} - k_{ij} + k_{ij}}{k_{ij} + k_{ij}} \longrightarrow 1 = \frac{\lambda_{ij} - k_{ij} + k_{ij}}{k_{ij} + k_{ij}} \longrightarrow 1 = \frac{\lambda_{ij} - k_{ij} + k_{ij}}{k_{ij} + k_{ij}} \longrightarrow 1 = \frac{\lambda_{ij} - k_{ij} + k_{ij}}{k_{ij} + k_{ij}} \longrightarrow 1 = \frac{\lambda_{ij} - k_{ij}}{k_{ij}} \longrightarrow 1 = \frac{\lambda_{ij} - k_{ij}}{k_{ij}} \longrightarrow 1 = \frac{\lambda_{ij} - k_{ij}}{k_{ij}$$





$$Z_{C} = \frac{1}{jwC} = \frac{1}{jx1x1} = -j$$

$$= \frac{1}{jvC} = \frac{1}{jx1x1} = -j$$

$$= \frac{1}{jvC} = \frac{1}{jvC} = -j$$

$$G_{r} \rightarrow I_{1} = 10$$

$$KVLI_{\gamma} \rightarrow I_{\gamma} + I_{\gamma} - jI_{\gamma} + I_{\gamma} - lo = 0 \longrightarrow (\Psi - j)I_{\gamma} = lo \rightarrow I_{\gamma} = \frac{lo}{\Psi - j}$$

$$\rightarrow I_{P} = \frac{P_{O} + I_{O} \dot{J}}{I_{O}} = P + \dot{J} \longrightarrow I_{P} = P_{I} I_{I} \underbrace{I \wedge I_{P} P_{O}}^{I} = P_{I} I_{I} C$$

$$\frac{Y}{Z_{c}} = \frac{1}{jwc} = \frac{1}{\gamma j} = -0/0 j$$

$$\frac{Z_{c}}{Z_{c}} = \frac{1}{jwc} = \frac{1}{\gamma j} = -0/0 j$$

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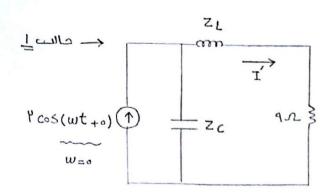
$$\frac{Z_{c}}{Z_{c}} = \frac{1}{jwc} = \frac{1}{\gamma j} = -0/0 j$$

$$\frac{Z_{c}}{Z_{c}} = \frac{1}{jwc} = \frac{1}{\gamma j} = -0/0 j$$

$$\rightarrow I_{P} = \frac{11VP - j}{P - 0100j} \rightarrow I_{P} = \frac{-P11P00j + 00149}{91P0} = 01410 - 014P1j \rightarrow 01410$$

$$V_o'' = I_V \times I = 0/404 e$$

$$\longrightarrow V_o''(t) = 0/404 \cos(Yt - Y_0/0\Lambda)$$



حالی ما زور ہے

$$\omega = 0$$
 $\omega = 0$
 ω

$$\frac{Z_{1}}{Z_{2}} \xrightarrow{R_{0}} \frac{Z_{0}}{Z_{0}} = R_{0}$$

$$Z_{c} = \frac{1}{\sqrt{wc}} = \frac{1}{\frac{1}{wr}} \times r \sqrt{v} = -14\sqrt{v}$$

$$KVL \rightarrow YJI'' + P_0 + 9I'' - 1YJI'' = 0 \rightarrow T'' = \frac{-P_0}{9 - 1YJ} \rightarrow I'' = \frac{-YV_0 - PY_0J}{YY_0}$$

$$\frac{ZL}{ZC} \rightarrow \frac{ZL}{ZC} \rightarrow \frac{ZL$$

$$Z_{C} = \frac{1}{iwc} = \frac{1}{4xkj} = -\lambda j$$

$$KVL \rightarrow \Lambda j I'' - \Lambda j I'' + 9 (I'' + F) = 0 \rightarrow I'' = -\frac{\mu y}{9} = -F \rightarrow I'' = +F \angle^{\circ}$$

$$\rightarrow i''(+) = + + \cos(++)$$

 $(\mu \rightarrow \mu)$

$$I = \frac{10 \text{ I}_{\text{T}}}{100 - 100 \text{ J}} \rightarrow I = \frac{100 \text{ I}_{\text{T}} + \frac{100 \text{ J}_{\text{T}}}{100 \text{ J}_{\text{T}}}}{100 \text{ J}_{\text{T}}} = 0.110 \text{ I}_{\text{T}} + 0.110 \text{ J}_{\text{T}}$$

$$V_{Th} = ? \rightarrow V_A = V_1 - 10$$
 $V_{Th} = ? \rightarrow V_A = V_1 - 10$
 $V_{Th} = V_{AB}$
 $V_{Th} = V_{AB}$
 $V_{Th} = V_{AB}$

$$K \subset V_1 \longrightarrow \frac{V_1 - V_0}{I_0} + \frac{V_1 - V_V}{I_0} = 0 \longrightarrow \frac{V_1}{I_0} - \frac{V_V}{I_0} = V$$

Kelys

$$\begin{array}{c} K(L \nabla_{\gamma} \rightarrow \frac{\nabla_{\gamma} - \nabla_{i}}{1_{0}} + \frac{\nabla_{\gamma}}{-\gamma_{0}} = 0 \\ & \frac{-\gamma_{i}}{1_{0}} + \frac{(\gamma + \gamma)^{2}}{\gamma_{0}} = 0 \end{array}$$

$$V_{AB} = V_{A} - V_{B}^{\prime} = V_{1} - 10 = 10 - 10 - 00 = 0 - 00 = V_{Th}$$