04 May 2017 15:09

IMPEDENZA E AMMETTENZA

$$\frac{v(t)}{i(t)} = R = \frac{i(t)}{v(t)} = G$$

CONDENSATORE

$$\frac{|\overline{T}|}{|\overline{V}|} = |Y_{i}|$$

lim W/F >+0

INDUTTONE

$$Y_L = \frac{1}{J\omega L}$$

$$\sum_{\alpha} \pm \overline{V_{\alpha}} = 0$$

$$A_{1} \cos(\omega_{0}t + \Psi_{1}) + A_{2} \cos(\omega_{0}t + \Psi_{2}) = 1$$

$$A_{3} \cos(\omega_{0}t + \Psi_{3}) \stackrel{?}{=}$$

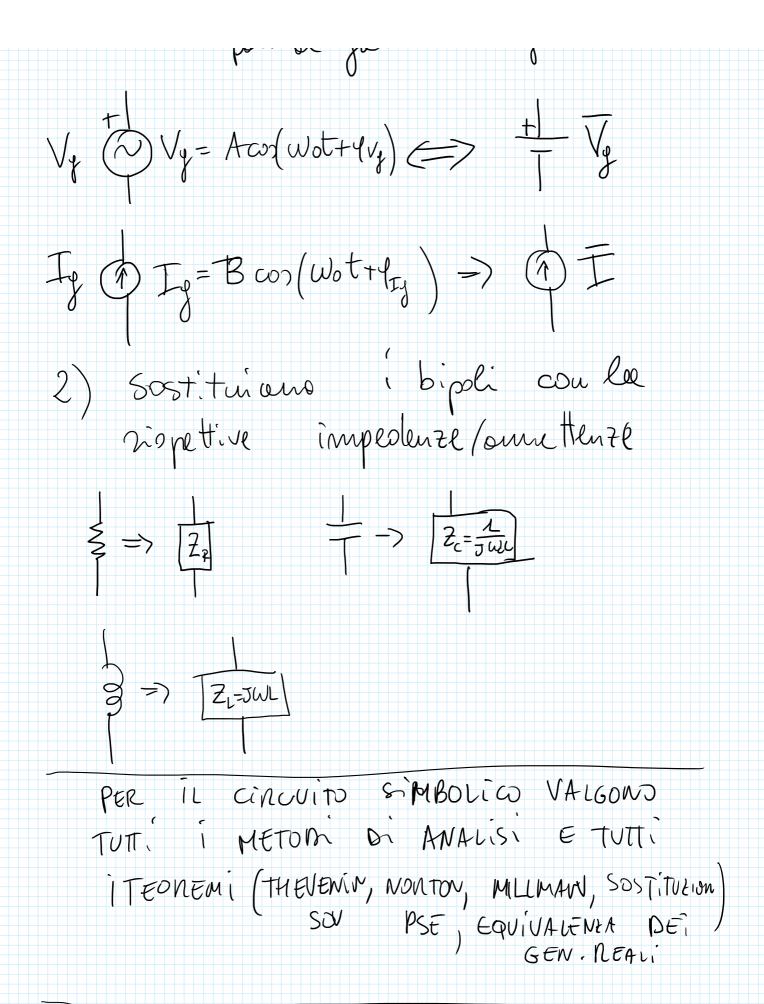
$$A_{1}\ell^{2} + A_{2}\ell^{2}\ell^{2} = A_{3}\ell^{3} + A_{3}\ell^{2}\ell^{2}$$

$$A_{1}\ell^{2} + A_{2}\ell^{2}\ell^{2} = A_{3}\ell^{3} + A_{3}\ell^{2}\ell^{2}$$

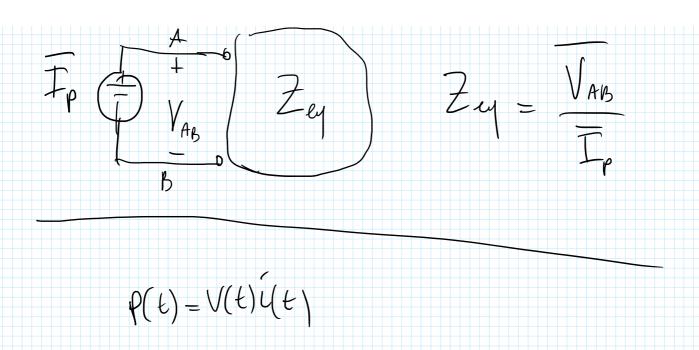
$$SOMMA DEI FASON$$

$$\sum_{\alpha} \pm V_{\alpha}(t) = 0$$

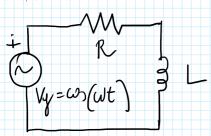
Cipcuits simbours NEC Dominis Déi FASONI 1) sostituises i generatori simusoialati con generatori contant a valori complemi pori al fasore alei generatori



A
$$2a_{1}$$
 $2c_{1}$ $2c_{1}$ $2c_{2}$ $2c_{3}$ $2c_{4}$ $2c_{4}$







DISEGNANT IL CINCUITO SIMPOLICO

$$V_{g}=con(\omega t) \Rightarrow V_{g}=1$$

$$V_{\overline{y}} = 1 + \frac{1}{\sqrt{2}} = \frac$$

$$T = \frac{1}{R+J\omega L} \rightarrow L(t) = L_0 \cos(\omega t + l_1)$$

$$T_o = |T| | Y_{\underline{T}} = Aig(\underline{T})$$

$$I_{0} = \underbrace{1}_{\mathbb{R}^{2} + \omega^{2}L^{2}}$$

$$\frac{Q+Jb}{C+Jd} = X = \frac{A_1 e^{Jq_1}}{A_2 e^{Jq_2}}$$

$$|X| = \frac{A_1}{A_2} = \frac{\sqrt{c^2 + b^2}}{\sqrt{c^2 + d^2}}$$

$$\varphi_{z} = A_{ij}(1) - A_{ij}(R+j\omega L) \quad A_{ij}(x) = \varphi_{1} - \varphi_{2}$$

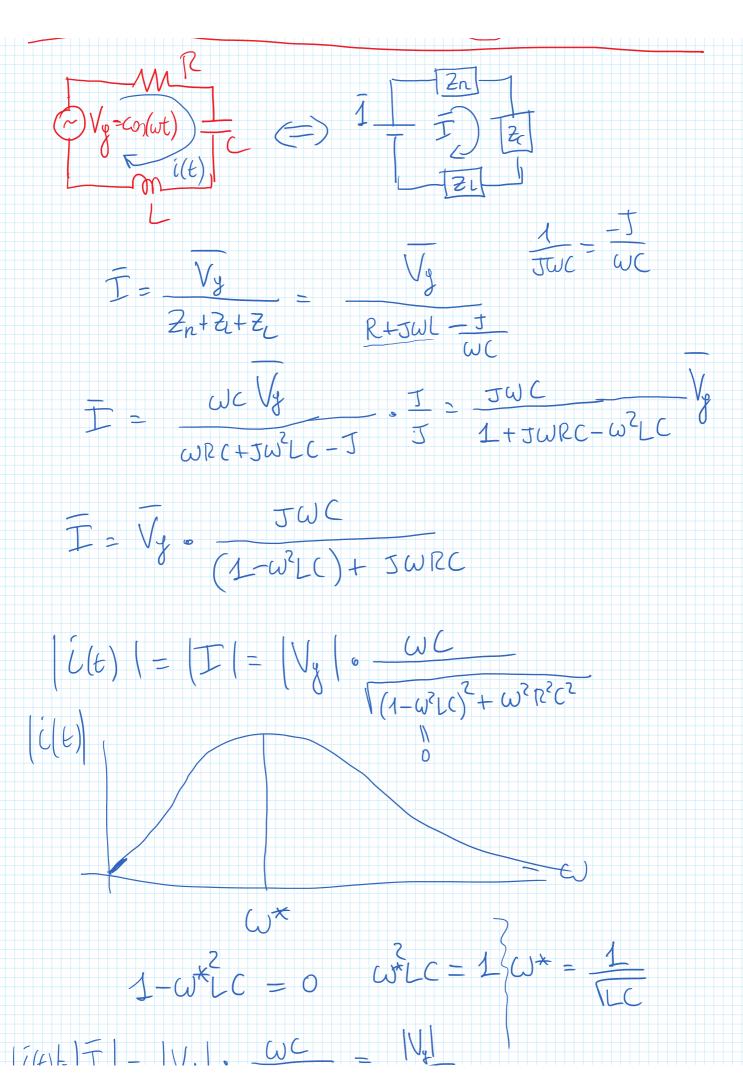
$$\varphi_{z} = 0 - t_{0}^{-1}(\omega L)$$

$$\psi_{z} = \frac{1}{R^{2}+\omega^{2}L^{2}} \cos(\omega t - t_{0}^{-1}(\omega L)) \quad [A]$$

$$\frac{1}{R^{2}+\omega^{2}L^{2}} \cos(\omega t + \operatorname{orct}_{0}(-\omega L))$$

$$\frac{A}{A} \quad -t_{0}^{-1}(\omega L)$$

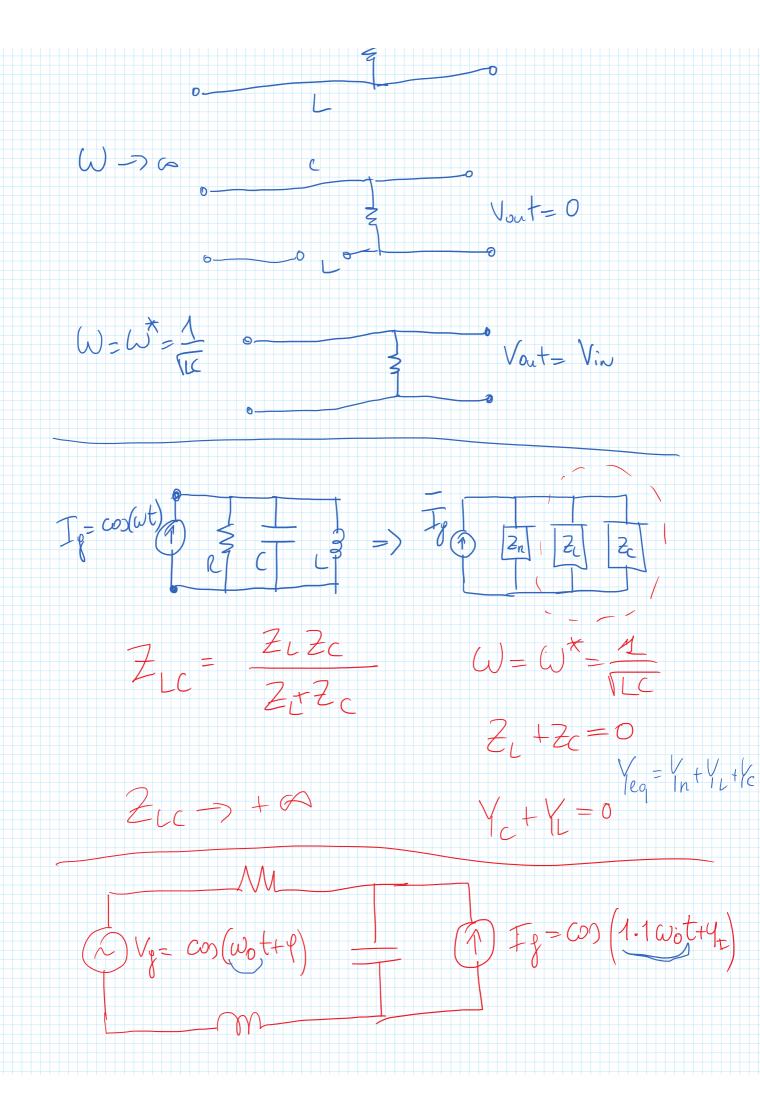
$$\psi_{z} = -t_{0}^{-1}(\omega L)$$



$$|\hat{u}(t)| = |V_{g}| \cdot \frac{\omega c}{\omega Rc} = \frac{|V_{g}|}{R}$$

$$|\nabla w| = \frac{1}{|V_{g}|} = \frac{1}{|V_{g}|} = \frac{1}{|V_{g}|}$$

$$|\nabla w| = \frac{1}{|V_{g}|} = \frac{1}{|V$$



- IN PRESENZA DE ECCITAZIONE SIMUSSIDALI A FREQ DEFENENTI APPLICO IL PSE
- -> SPENGO TUTT : GEN. TRANNÉ QUELLI AD UVA STESSA FREQ FO
- -> APPLICO IL METORO DEI FASOMI ALLA FRER FO
- S LALGO LE GNANDEZZE TEMPONALI
 ALLA FREQ FO
- -> PR PETO (PASSAGG SO PNA YFK
- -> SOMMO LE GNANDEZZI TEMPUNALI ALLE VANE FREQUENZO