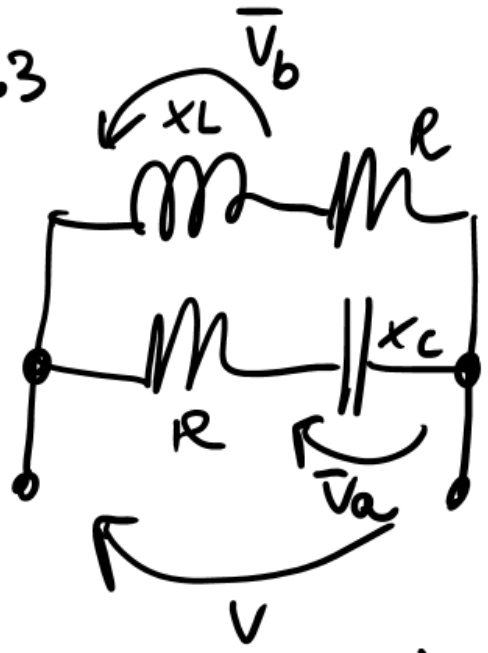
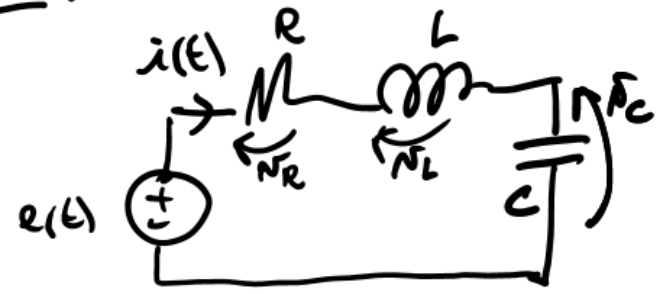
Ex 13.3



Hp
- $\bar{V} = j10$
- R 1Ω
- $X_L = 1\Omega$
- $X_C = -1\Omega$

Il circuito opera in RAS. Determinare lo sfasamento $\phi_a - \phi_b$ tra le tensioni $\bar{V}_a$ e $\bar{V}_b$ per via analitica e grafica

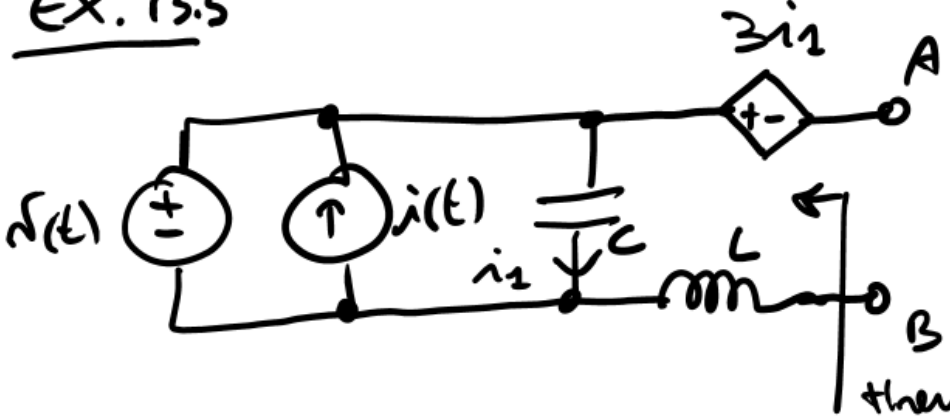
Ex. 13.4



Hp
- R = 1Ω
- L = 4 mH
- C = 2 mF
- $e(t) = 100 \cos 500t$ [V]

→ $i(t)$? $v_R(t)$? $v_L(t)$? $v_C(t)$? RAPPRESENTAZIONE VETTORIALE?

Ex. 13.5



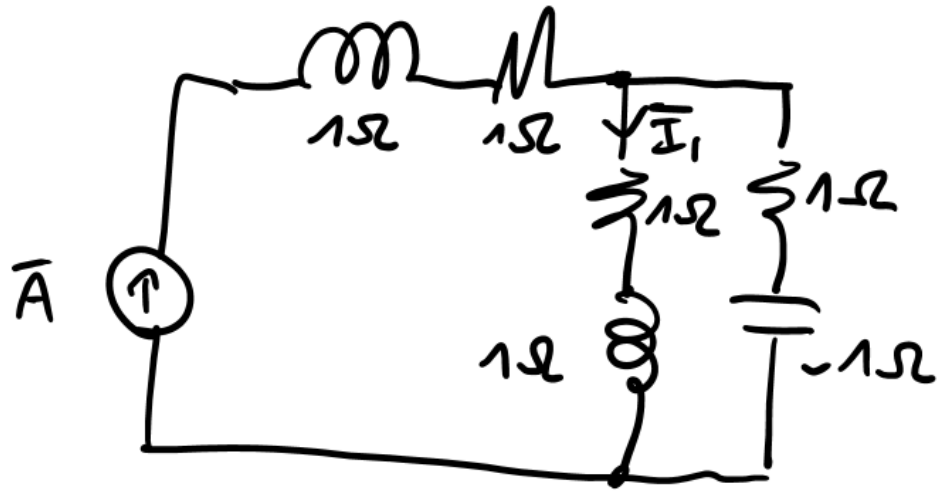
Hp
a) L = 1H
a) C = 1F

$v(t) = Gst$ [V]

$i(t) = Gst$ [A]

thevenin?
Norton?
th trasformazione?

EX5



JC circuito opera in regime alternato sinusoidale (RAS). Determinare il fasore grande $\bar{I}_1$

$\bar{A} = 5 + j0$ [A eff]