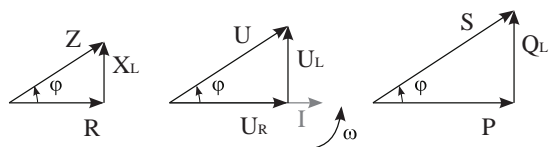
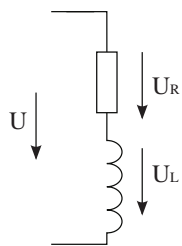


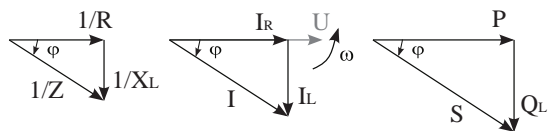
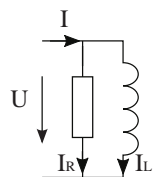
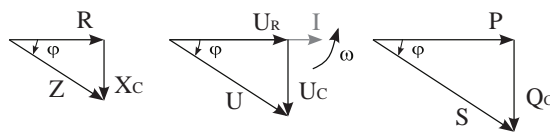
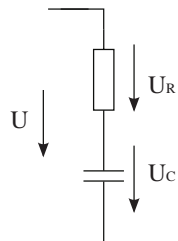
Les vecteurs (phaseurs) en alternatif



$X_L = \omega \cdot L$
 $X_C = \frac{1}{\omega \cdot C}$
 $\omega = 2 \cdot \pi \cdot f$
L: inductance [H]
C: capacité [F]
 ω : pulsation [rad/s]
Facteur de puissance:
 $\cos(\varphi)$

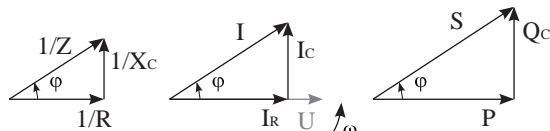
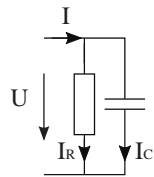
$\times I$ $\times I$

$\div I$ $\div I$



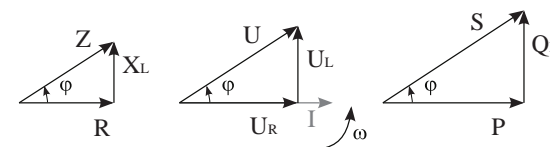
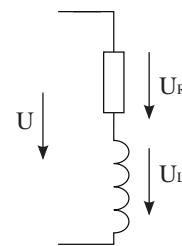
$\times U$ $\times U$

$\div U$ $\div U$



R: Résistance [Ω] Y = 1/R: Conductance [S] P: Puissance active [W]
X: Réactance [Ω] B = 1/X: Susceptance [S] Q: Puissance réactive [Var]
Z: impédance [Ω] G = 1/Z: Admittance [S] S: Puissance apparente [VA]
[S]: Siemens ou [mho]

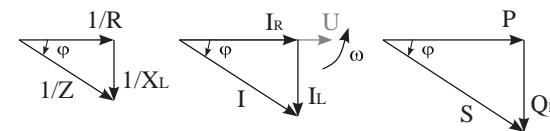
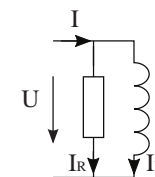
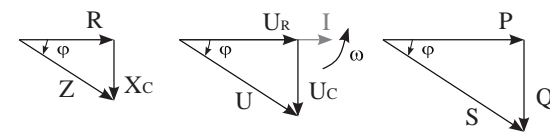
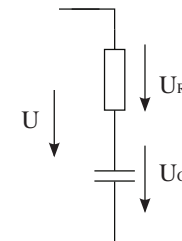
Les vecteurs (phaseurs) en alternatif



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C: capacité [F]
 ω : pulsation [rad/s]
Facteur de puissance:
 $\cos(\varphi)$

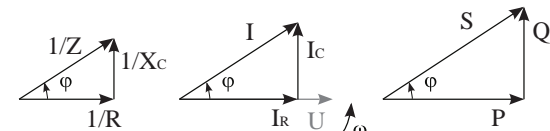
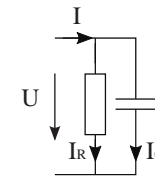
$\times I$ $\times I$

$\div I$ $\div I$



$\times U$ $\times U$

$\div U$ $\div U$



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