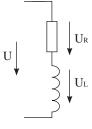
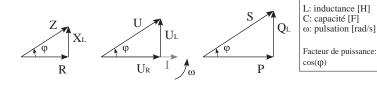
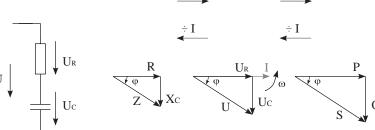
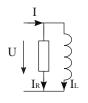


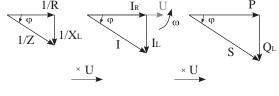
Les vecteurs (phaseurs) en alternatif



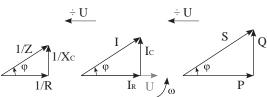












- R: Résistance [Ω]
- X: Réactance [Ω]
- Z: impédance [Ω]
- Y = 1/R: Conductance [S]
- B = 1/X: Susceptance [S]
- G = 1/Z: Admittance [S]
- P: Puissance active [W]
 - Q: Puissance réactive [Var]
 - S: Puissance apparente [VA]

 $X_{L=\omega} \cdot L$

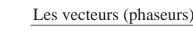
 $X_{C=} \frac{1}{\omega \cdot C}$

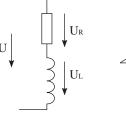
 ω = 2 · π · f

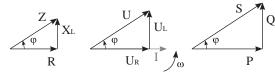
[S]: Siemens ou [mho]

COUL

Les vecteurs (phaseurs) en alternatif



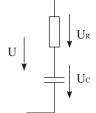


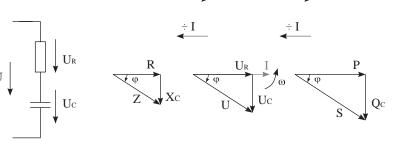


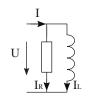


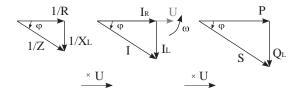
L: inductance [H] C: capacité [F] w: pulsation [rad/s]

Facteur de puissance: cos(φ)

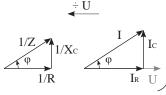


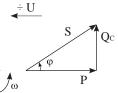












- R: Résistance $[\Omega]$
- X: Réactance [Ω]
- Z: impédance $[\Omega]$
- Y = 1/R: Conductance [S]
- B = 1/X: Susceptance [S]
- G = 1/Z: Admittance [S]
- [S]: Siemens ou [mho]
- P: Puissance active [W]
- Q: Puissance réactive [Var]
- S: Puissance apparente [VA]

JPN JPN Juin 2017 Juin 2017