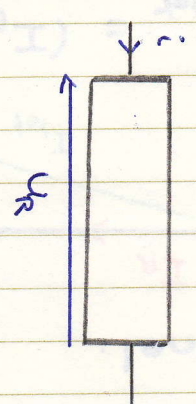
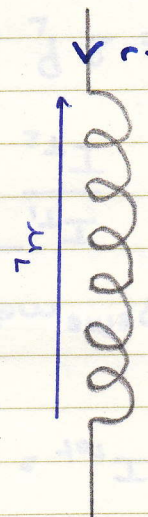
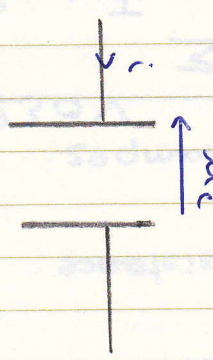

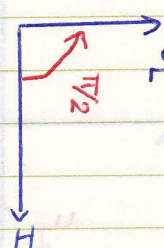
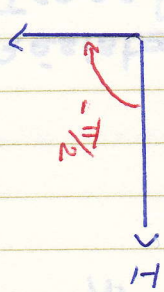


	Résistance (R)	Inductance (L)	Capacité (C)
schéma			
Équation fondamentale	$\mu_R = R i$	$\mu_L = L \cdot \frac{di}{dt}$	$i = C \cdot \frac{d\mu_C}{dt}$
Indépendance	$Z_R = R$	$Z_L = L \omega$	$Z_C = \frac{1}{C \omega}$
Relation entre les valeurs efficaces	$U_R = R I$	$U_L = L \omega I$	$U_C = \frac{1}{C \omega} \cdot I$
Déphasage φ (rad)	$\varphi_R = 0$	$\varphi_L = \frac{\pi}{2}$	$\varphi_C = -\frac{\pi}{2}$
Représentation de Fresnel			
Puissance active P (w)	$P_R = U_R I = R I^2 = \frac{U^2}{R}$	0	0
Puissance réactive Q (var)	0	$Q_L = U_L \cdot I = L \omega I^2$	$Q_C = -U_C I = -\frac{1}{C \omega} I^2$

Résistance