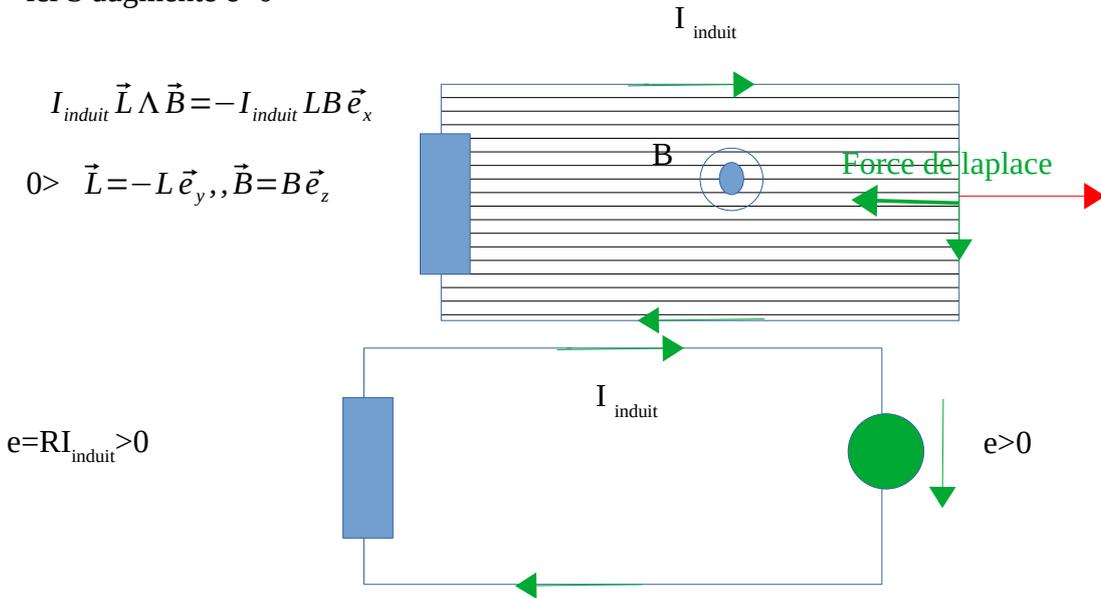


$$e = -\frac{d\phi}{dt} \quad \phi = \vec{B} \cdot \vec{S} \quad \phi = -B * S \quad e = -\frac{d\phi}{dt} = B \frac{dS}{dt}$$

on choisit une orientation du circuit fermé  
ici S augmente e>0



### Sens d'orientation opposé

$$\phi = +B * S \quad e = -\frac{d\phi}{dt} = -B \frac{dS}{dt} \quad e < 0 \quad I_{induit} \vec{L} \wedge \vec{B} = I_{induit} LB \vec{e}_x$$

