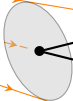


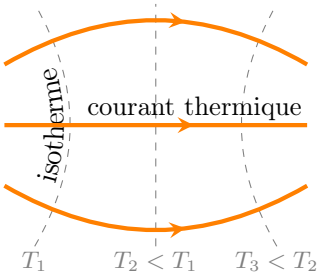
courant thermique

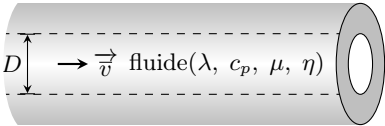


\vec{dS}

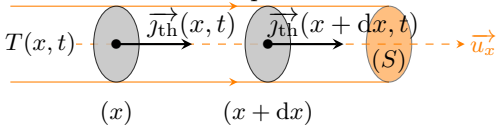
$\vec{j_{th}}$

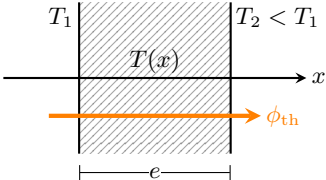
(S)

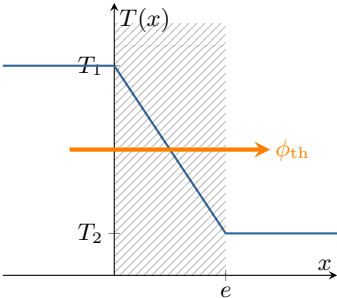


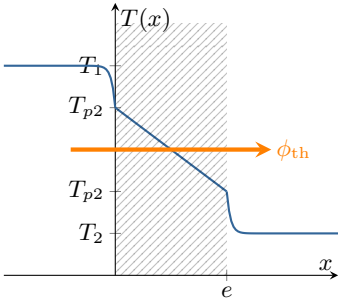


Milieu au repos



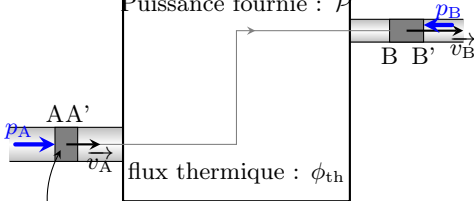






Machine hydraulique

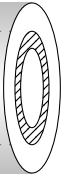
Puissance fournie : \mathcal{P}



$$dm = \mu v_A dt S_A$$

$\rightarrow Q_f$ fluide froid

$\rightarrow Q_c$ fluide chaud



$\leftarrow Q_f$ fluide froid

$\rightarrow Q_c$ fluide chaud

