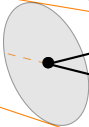


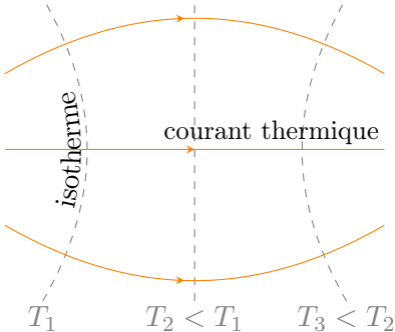
courant thermique

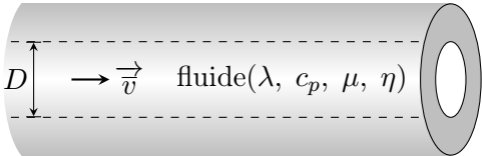


\vec{dS}

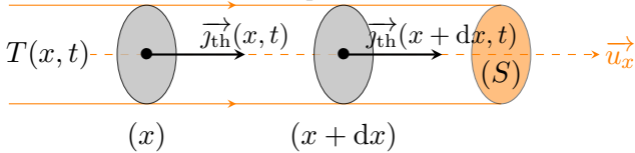
\vec{j}_{th}

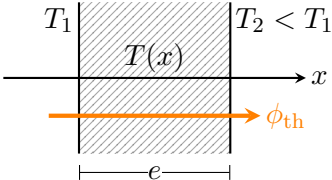
(S)

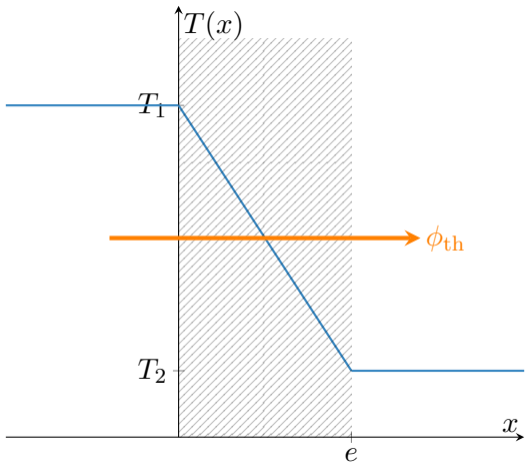


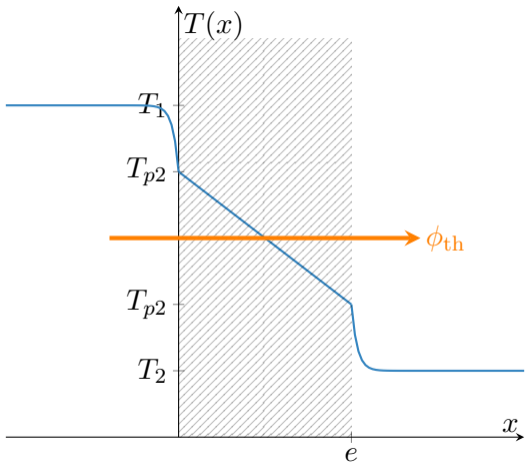


Milieu au repos



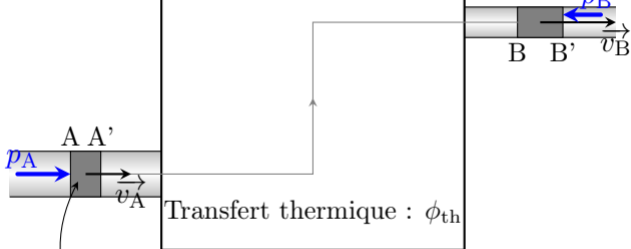






Machine hydraulique

Puissance fournie : \mathcal{P}



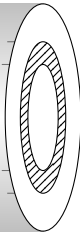
$$dm = \mu v_A dt S_A$$

$\rightarrow Q_f$

fluide froid

$\rightarrow Q_c$

fluide chaud



$\leftarrow Q_f$

fluide froid

$\rightarrow Q_c$

fluide chaud

