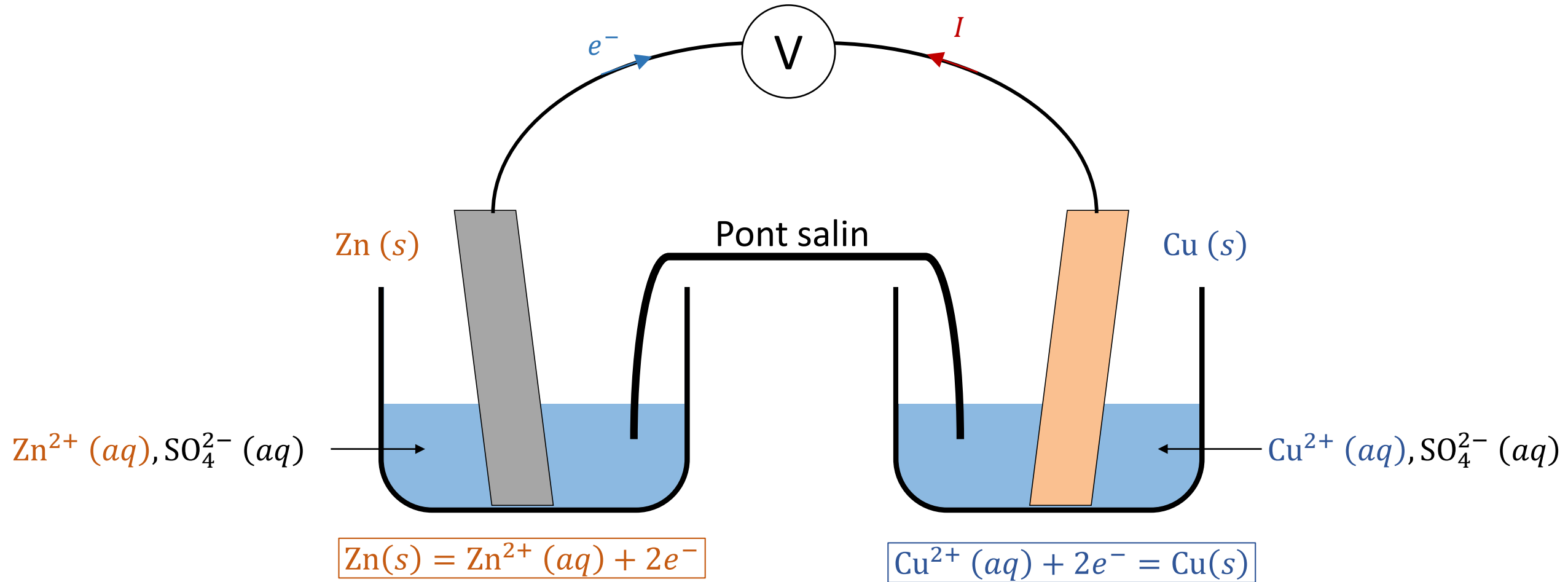
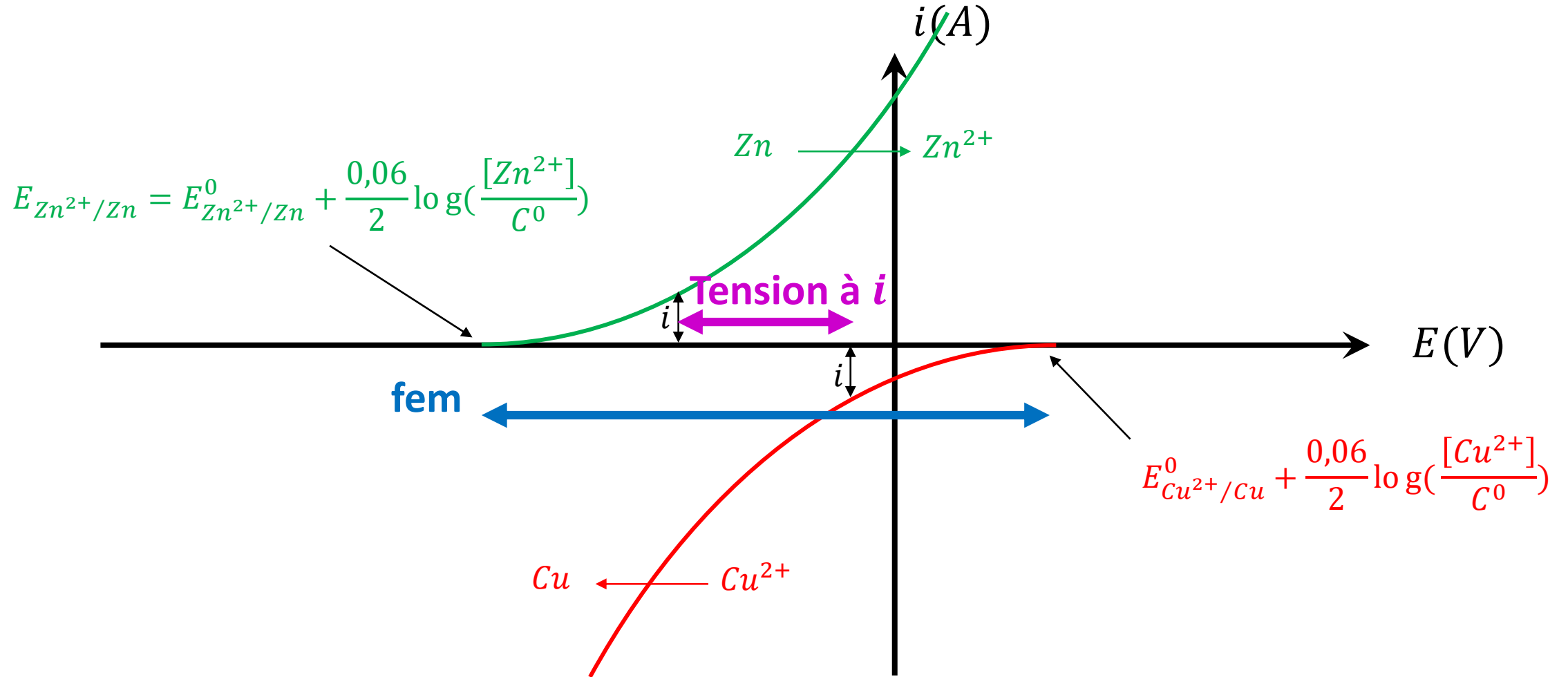


LC26 : Conversion réciproque d'énergie électrique en énergie mécanique

La pile Daniell

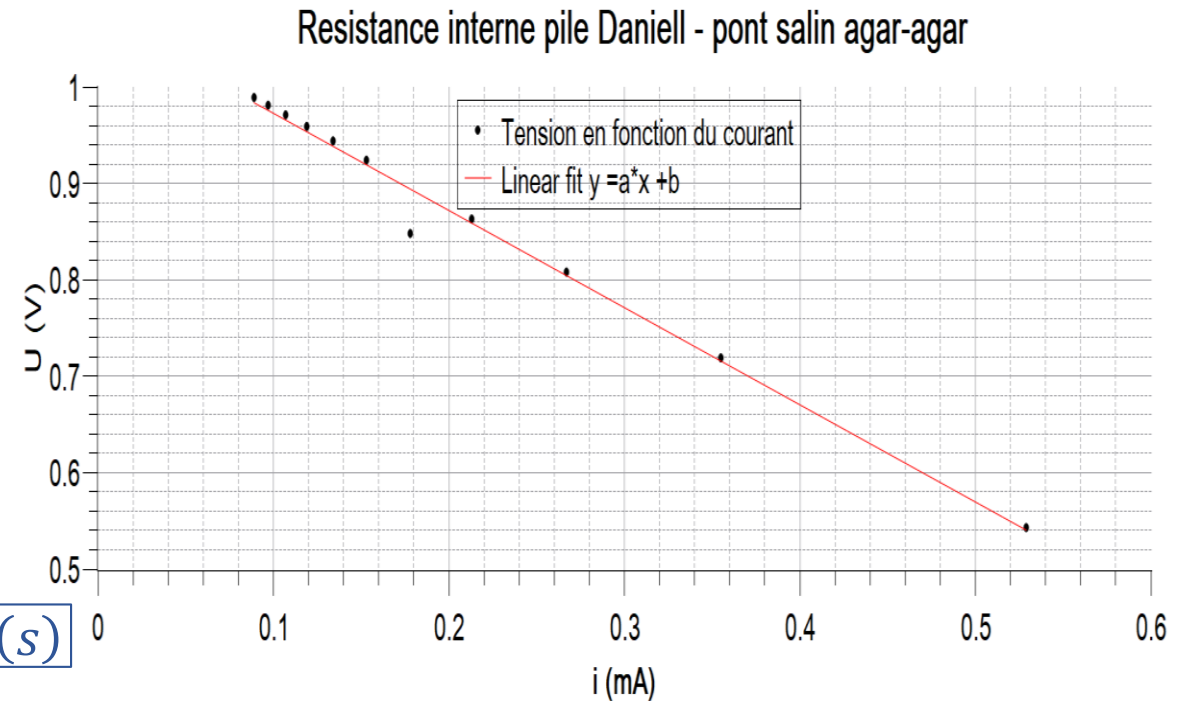
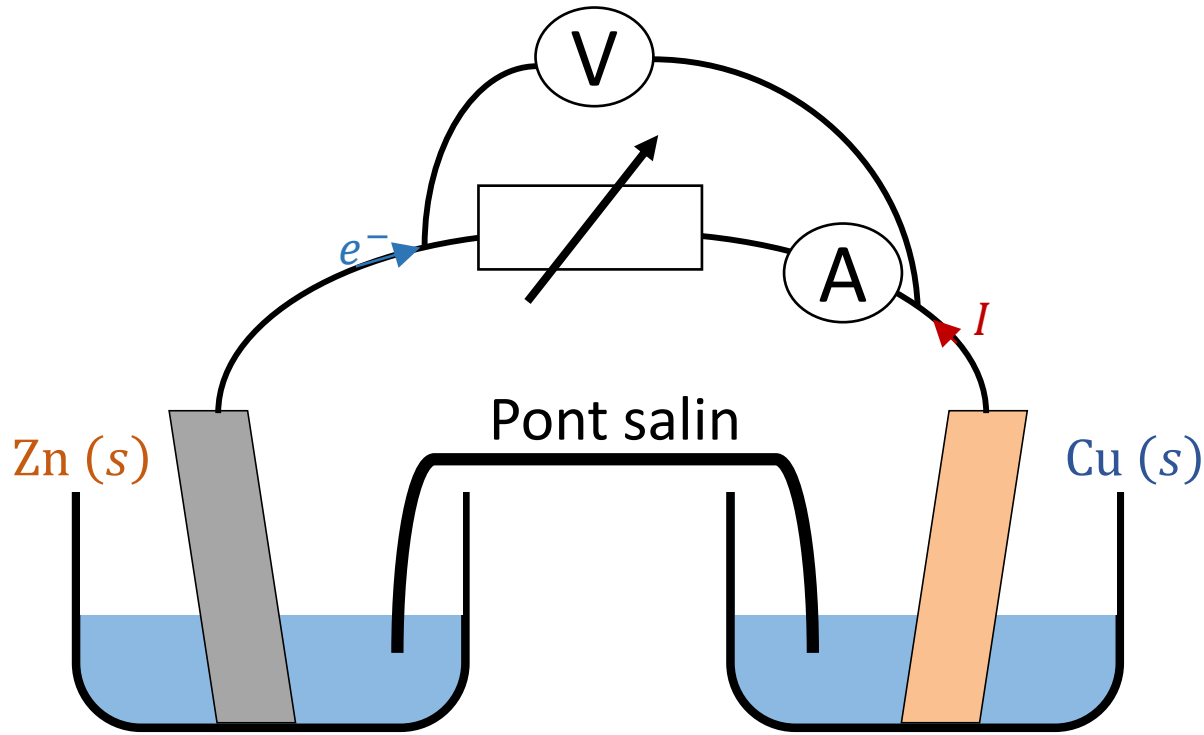


Courbes intensité-potentiel pour la pile Daniell



Mesure de la résistance interne de la pile Daniell

$$U = e - ri$$

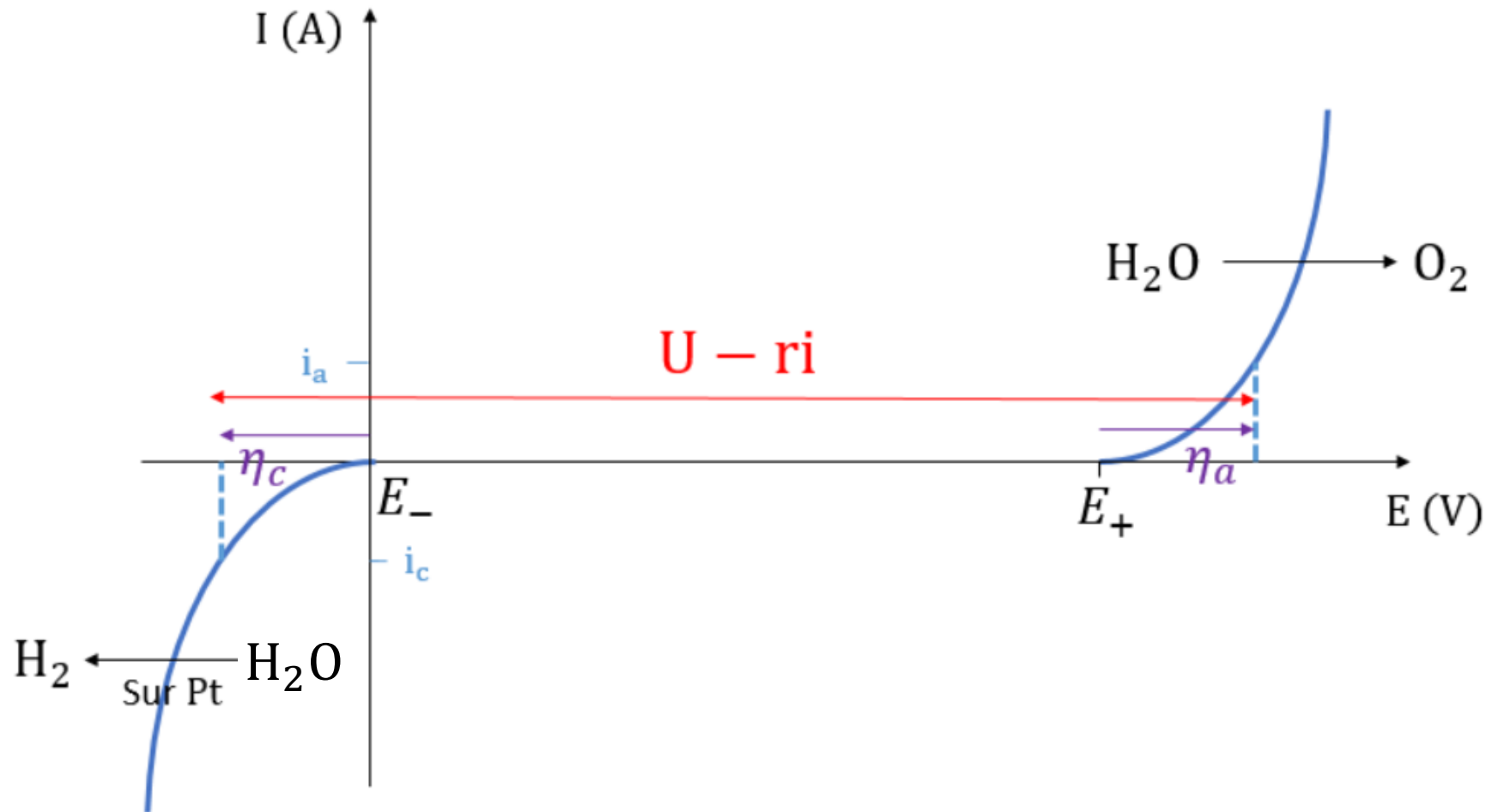


Regression:

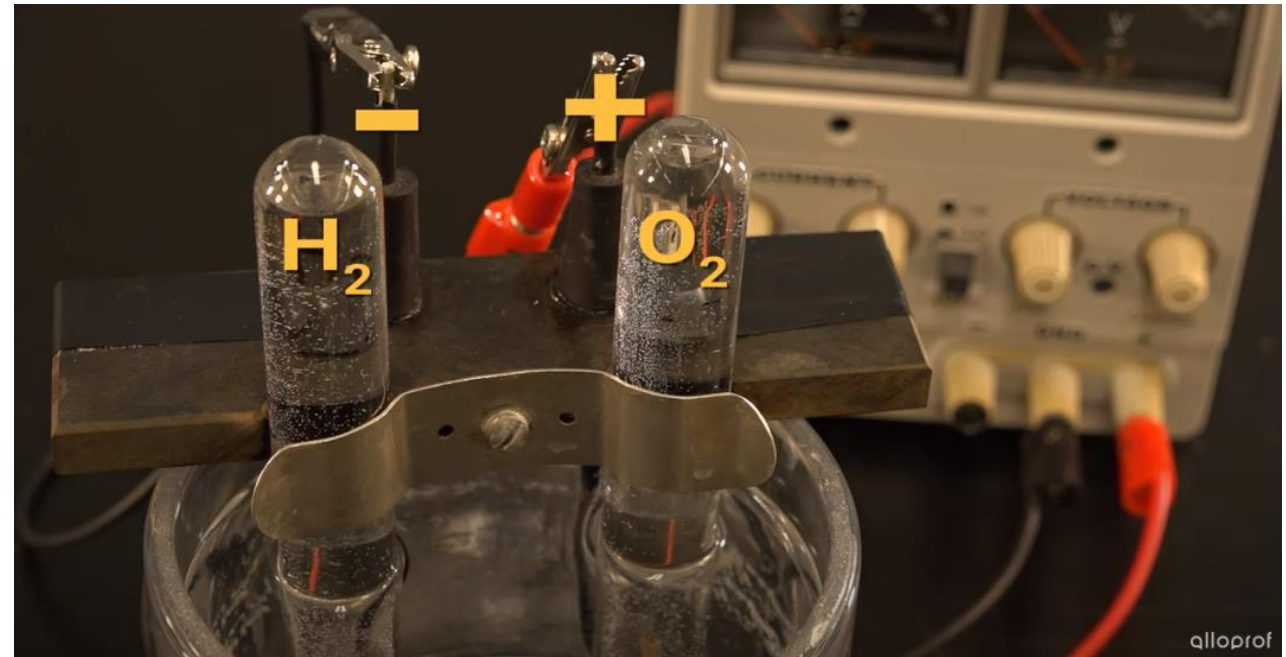
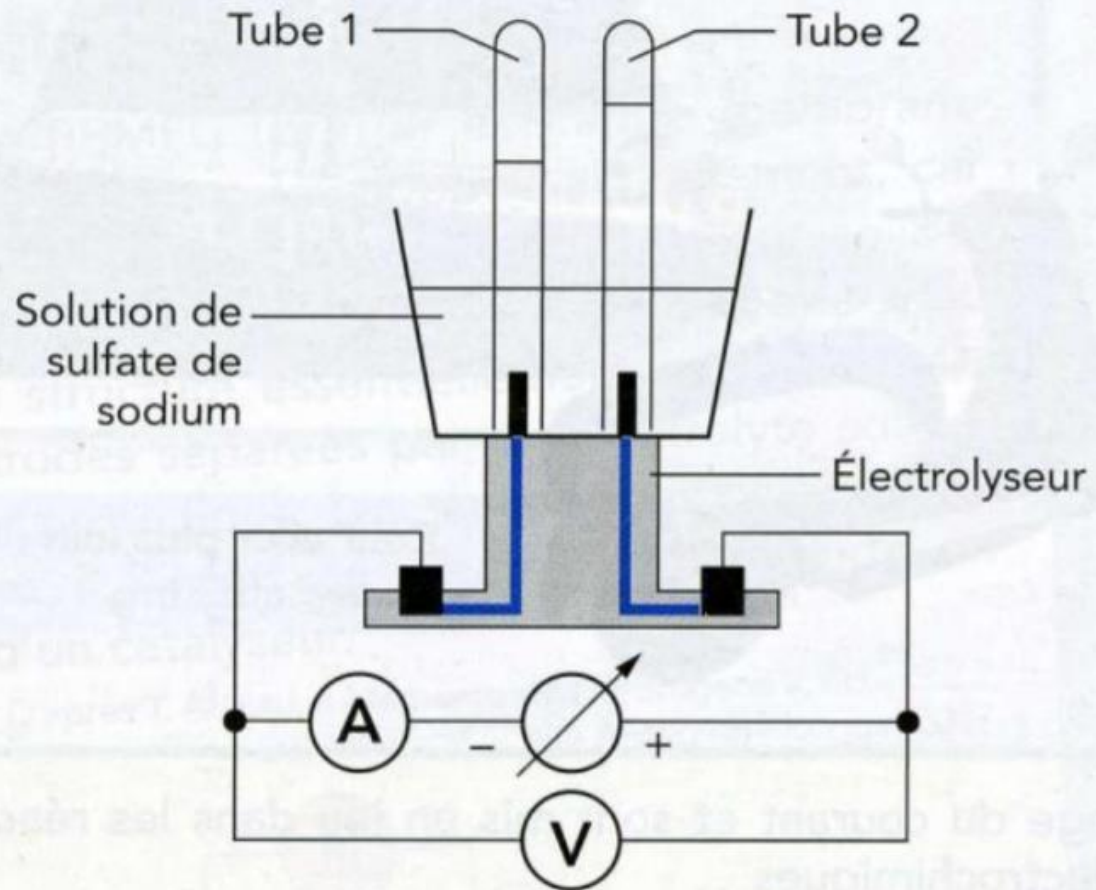
$$e = 1,07 \text{ V}$$

$$r = 1,01 \text{ k}\Omega$$

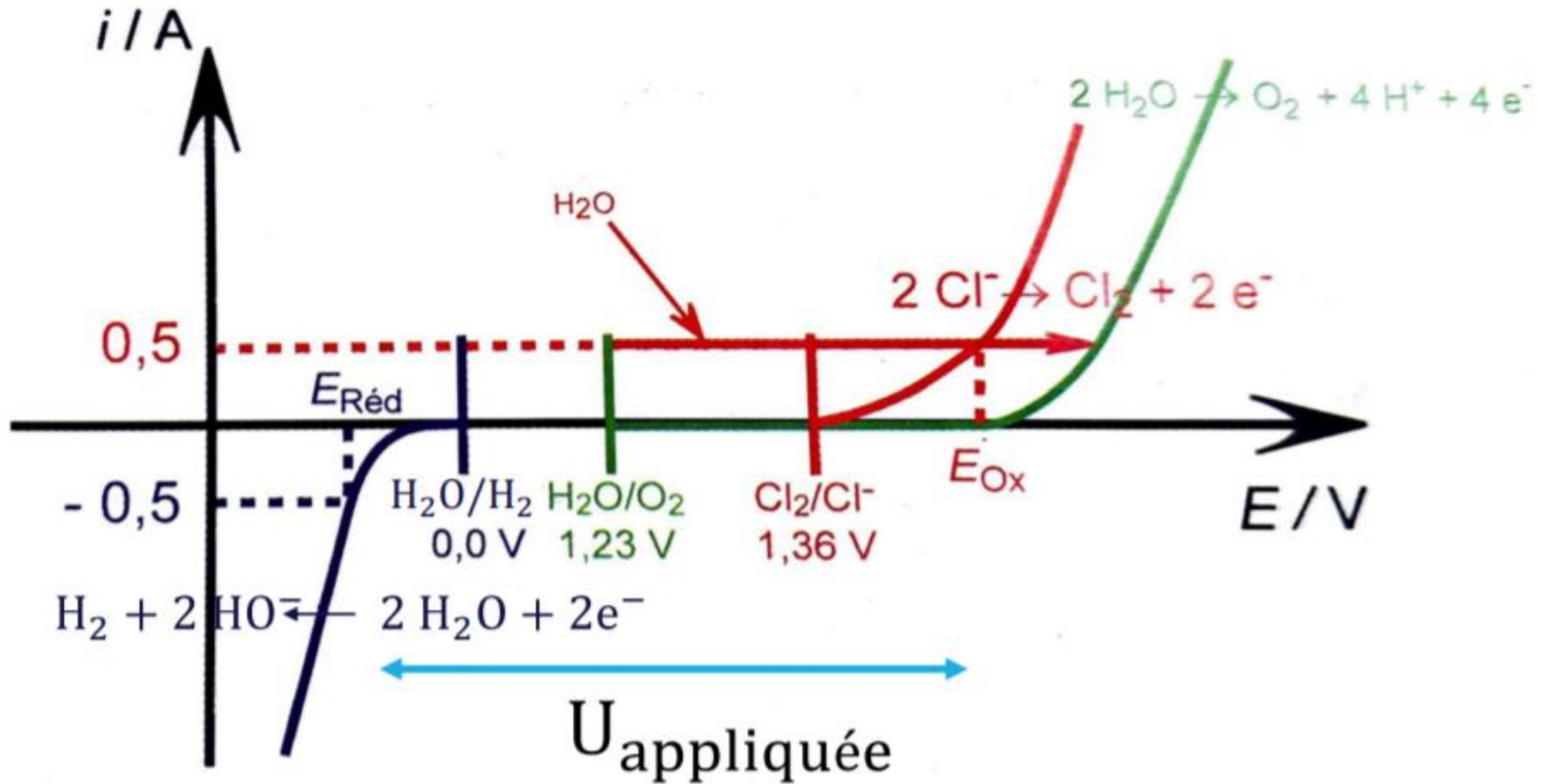
Electrolyse de l'eau



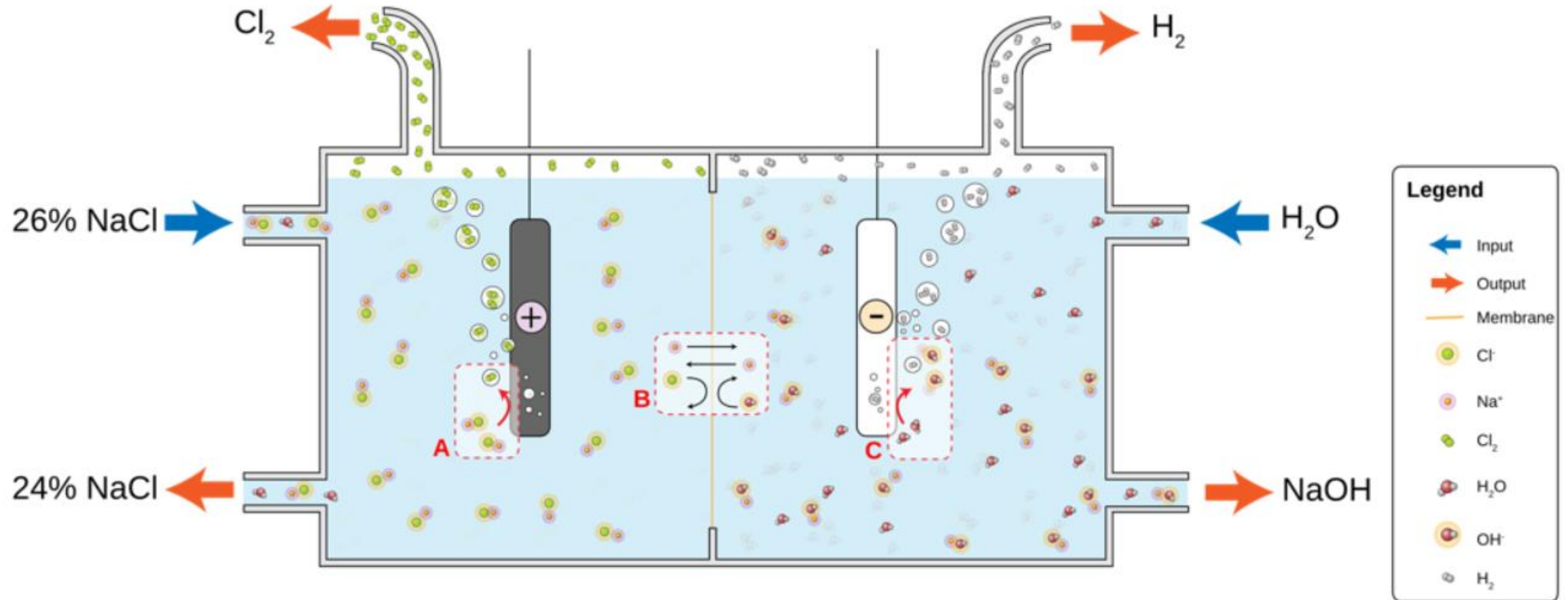
Electrolyse de l'eau



Synthèse du dichlore



Synthèse du dichlore (membrane)

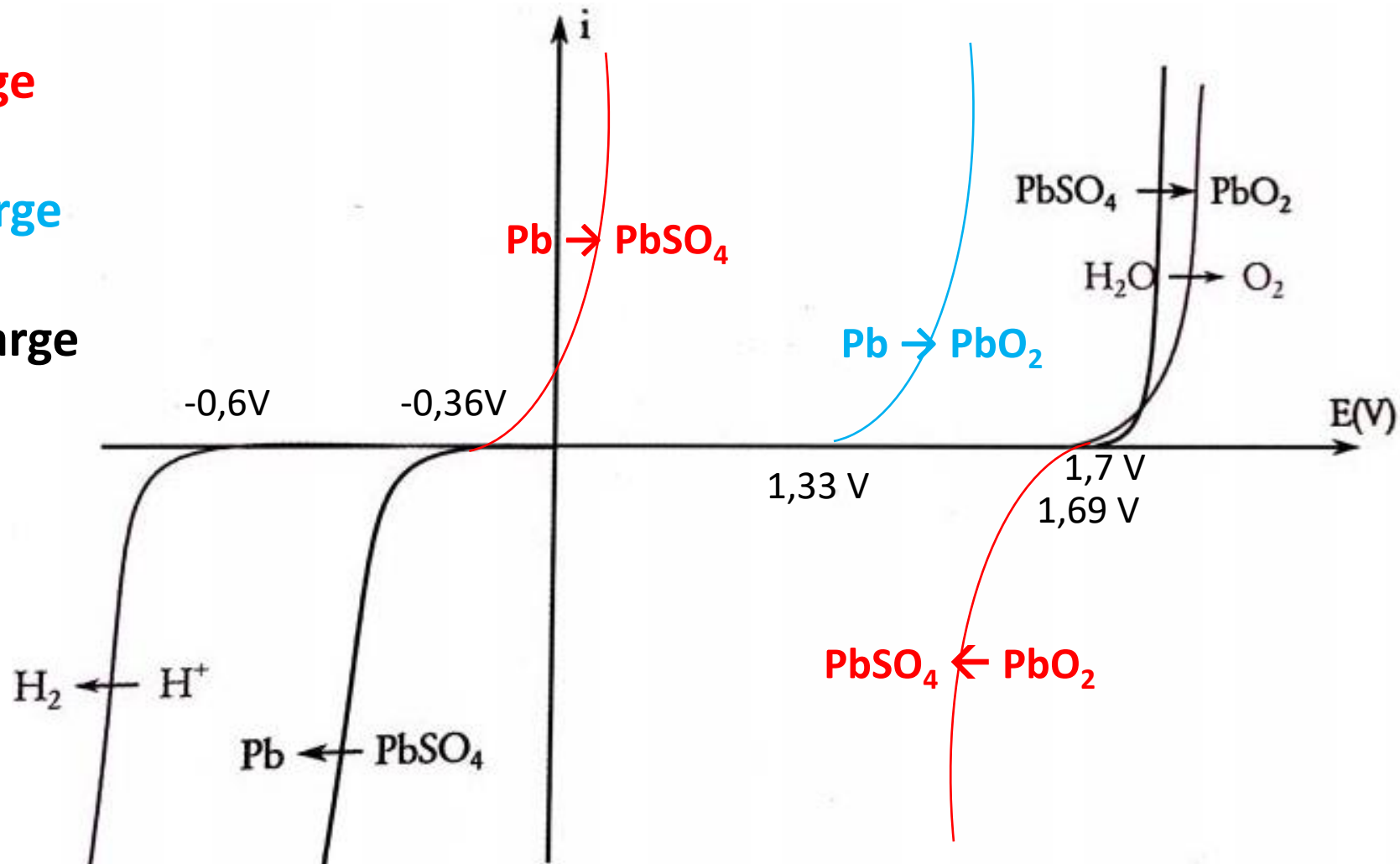


Accumulateur au plomb

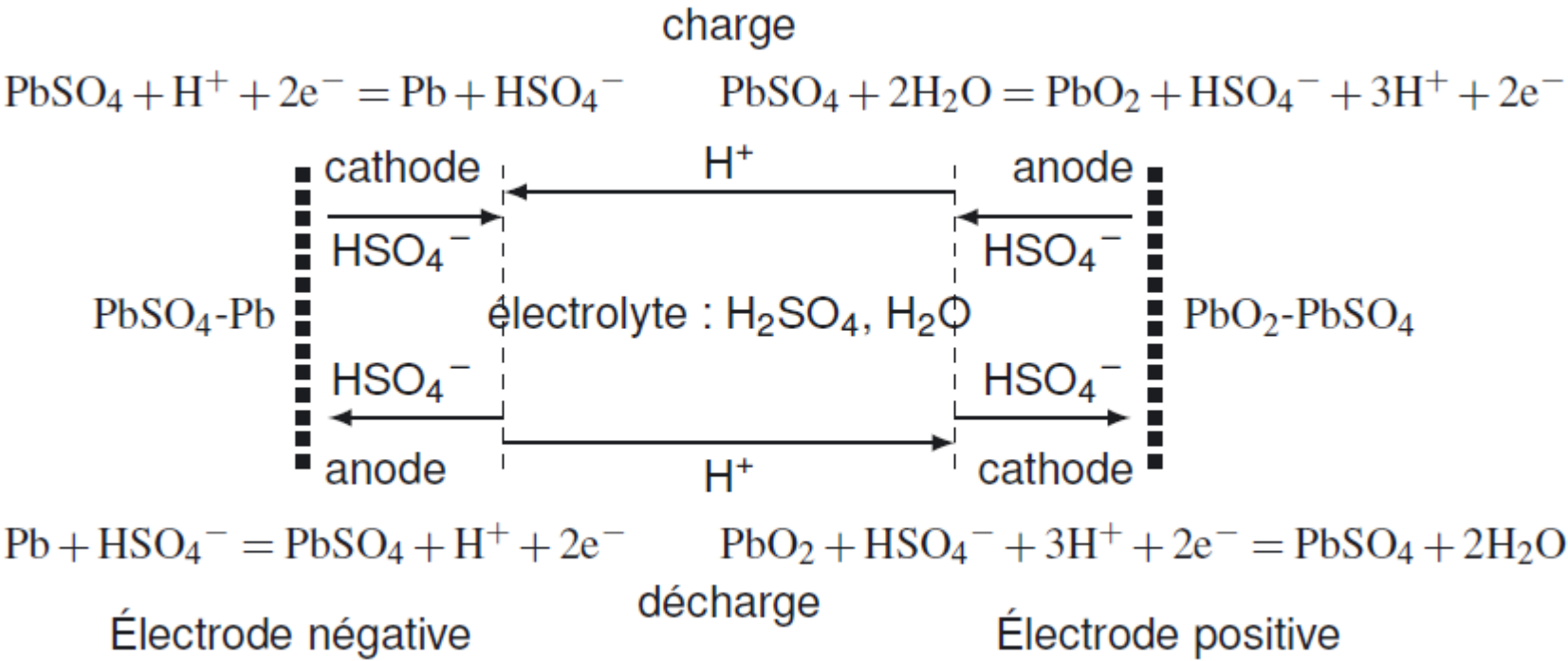
Décharge

1^{ère} charge

2^{ème} charge



Principe fonctionnement accumulateur au plomb



Énergie massique	Puissance massique	Force électromotrice	Cyclabilité
27 Wh. kg ⁻¹	250 W. kg ⁻¹	2,0 V	1000