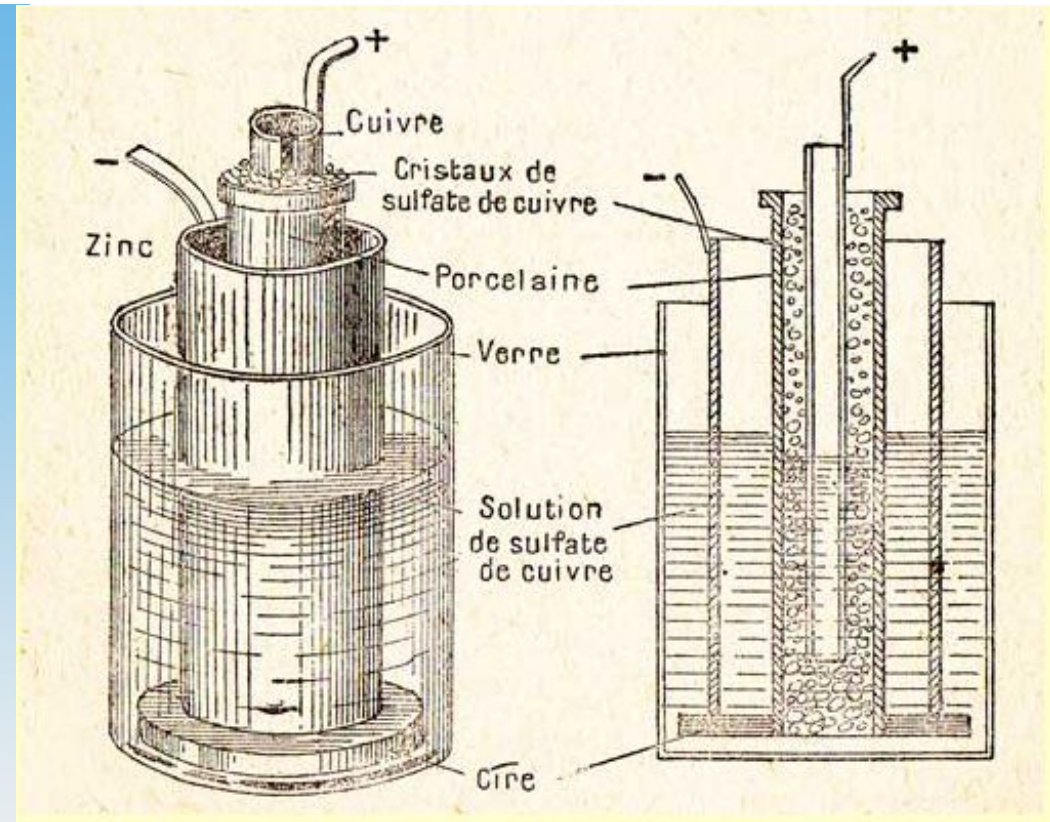


## Matériel pour réaliser la pile Daniell historique

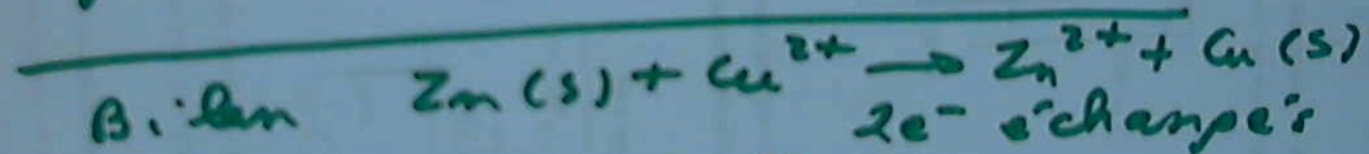
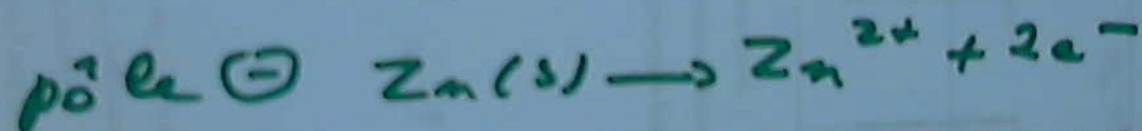


Pile Daniell



$$E^+ = E_{\text{Cu}} = E_{\text{Cu}^{2+}/\text{Cu}}^0 + \frac{0.06}{2} \log [\text{Cu}^{2+}]$$

$$E^- = E_{\text{Zn}}$$



$$E = E_{\text{Cu}} - E_{\text{Zn}} = E_{\text{Cu}}^0 - E_{\text{Zn}}^0 + \frac{0.06}{2} \log \frac{[\text{Cu}^{2+}]}{[\text{Zn}^{2+}]}$$

$\text{ppcm}(n_1, n_2)$

