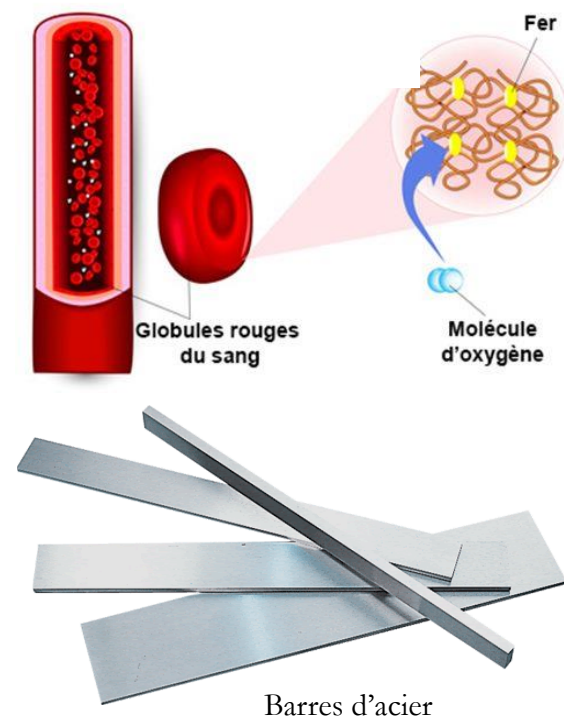
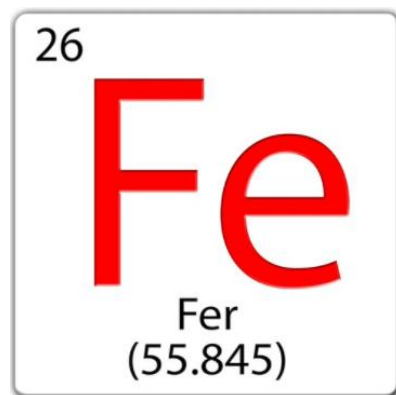


LC7 : Evolution spontanée d'un système chimique

Mathieu Markovitch

Le fer



Deux réactions spontanées

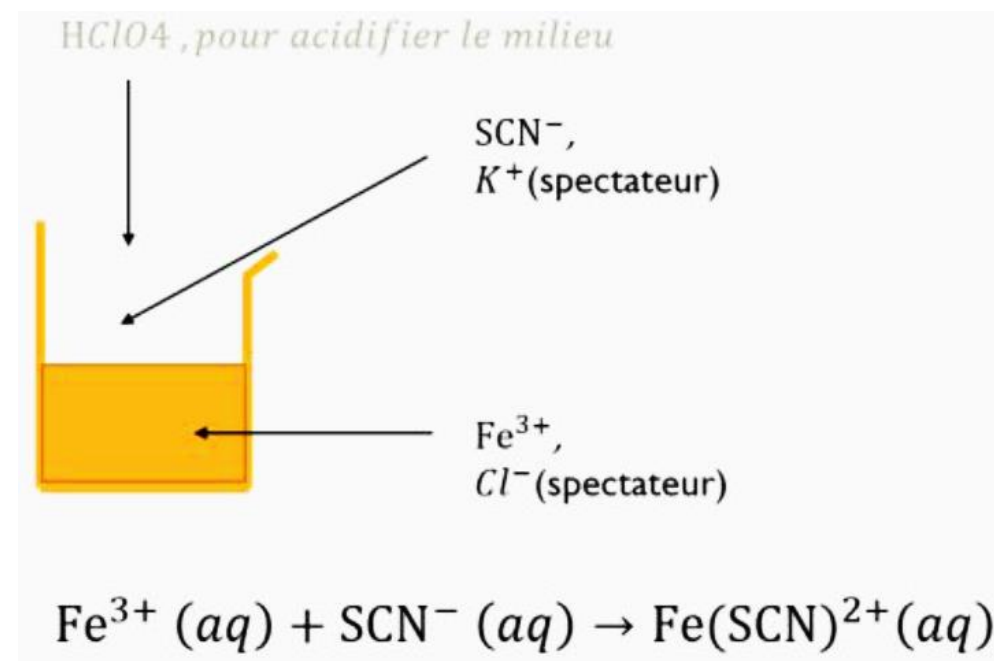
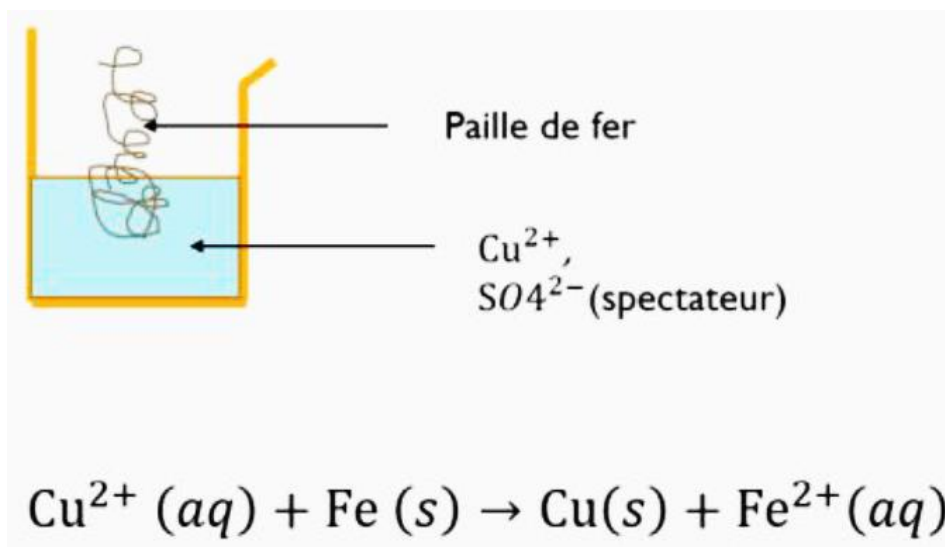
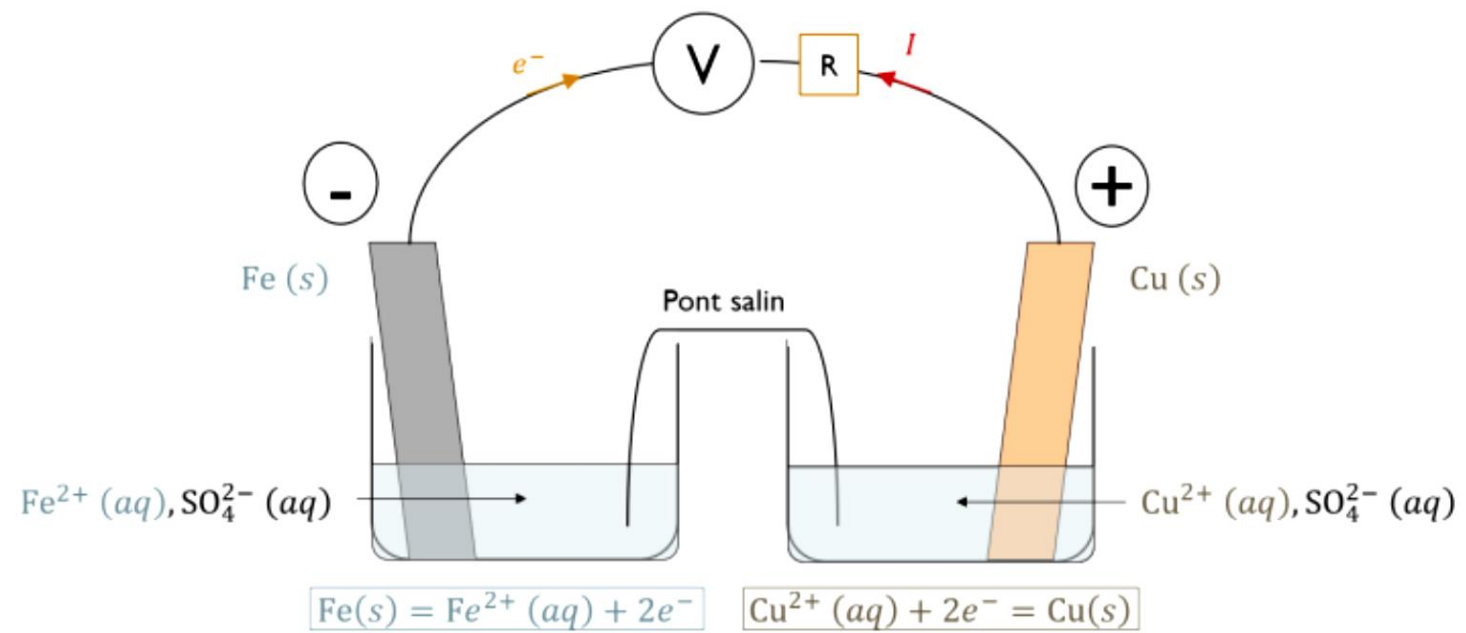


Tableau d'avancement

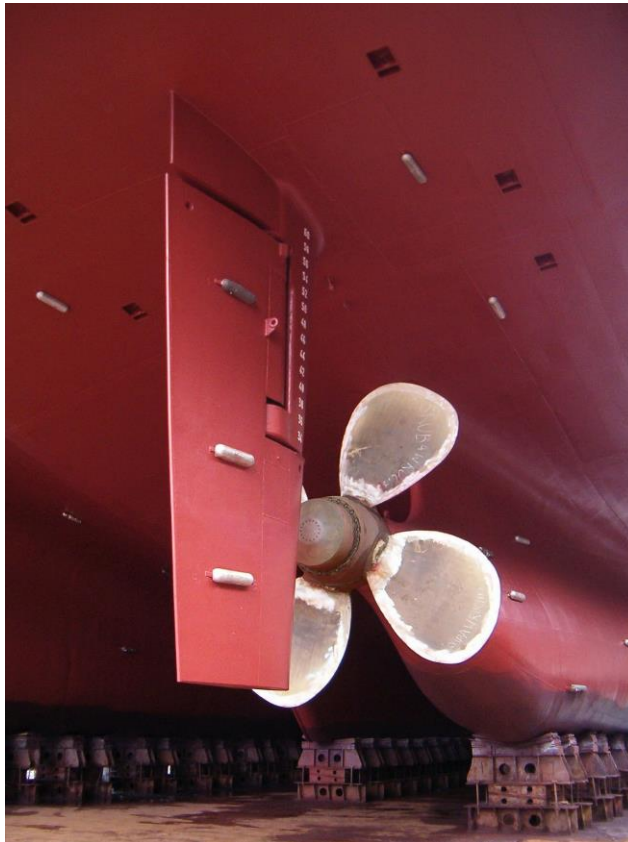
	Fe^{3+}	+	SCN^-	=	$\text{Fe}(\text{SCN})^{2+}$
Etat initial	c_0		c_1		0
Equilibre	$c_0 - x_{\text{eq}}$		$c_1 - x_{\text{eq}}$		x_{eq}

$$K(T) = \frac{(c_0 - x_{\text{eq}})}{(c_0 - x_{\text{eq}})(c_1 - x_{\text{eq}})}$$

Pile



Protection contre la corrosion du fer



Mathieu Markovitch