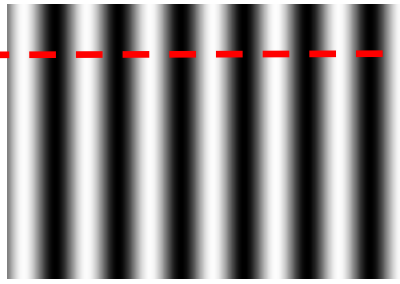
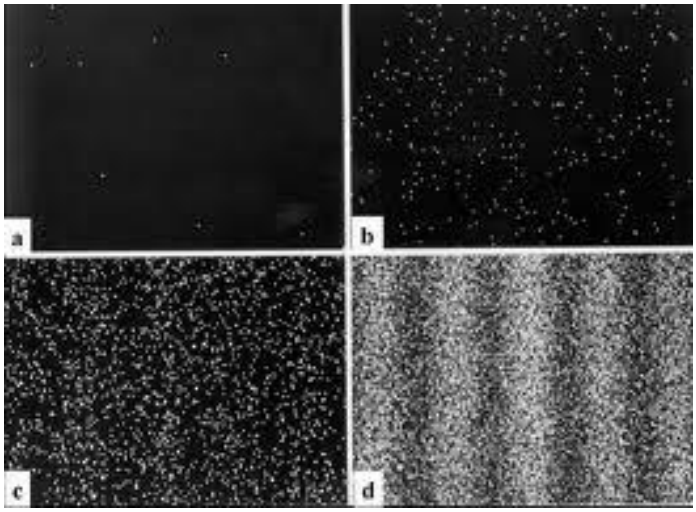
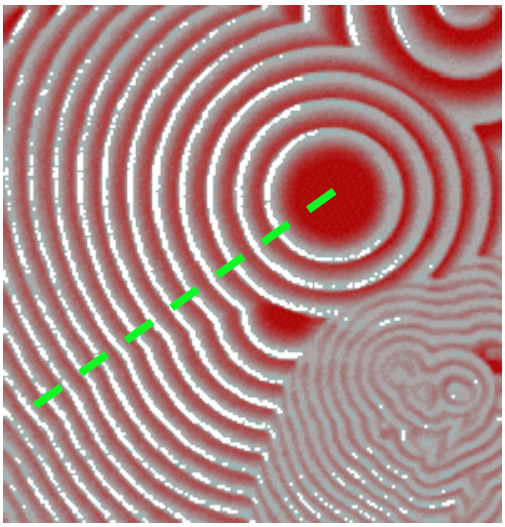
Franges d'interférences lumineuses (fentes d'Young)



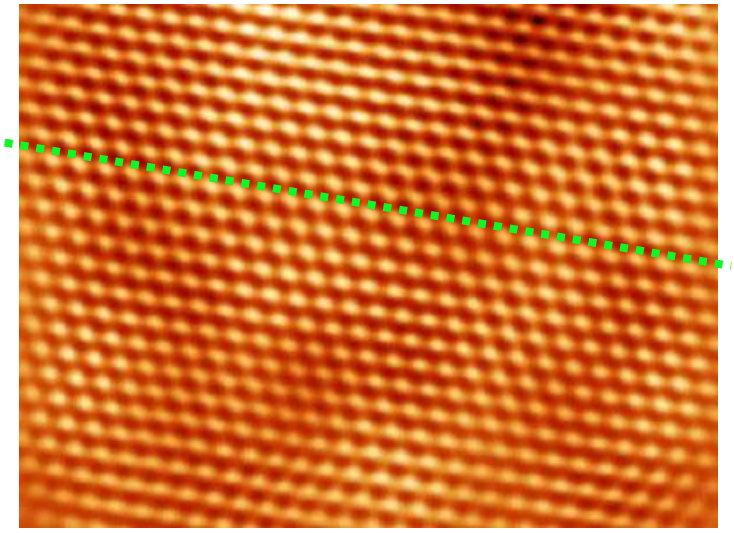


Photon par photon…

Réseaux de diffraction



Réaction :
Bélousov-Zhabotinsky



Surface

Atomes d'or

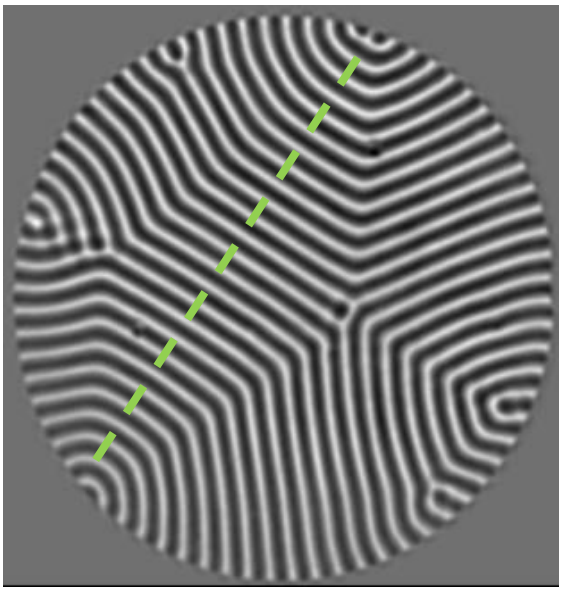
Effet tunnel

Cristallographie

Symétrie d'ordre 5

Schetman

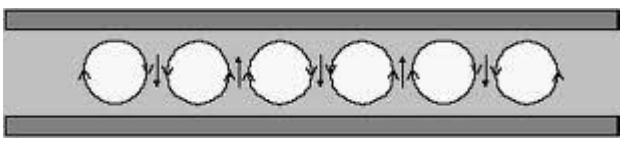
Nobel 2011

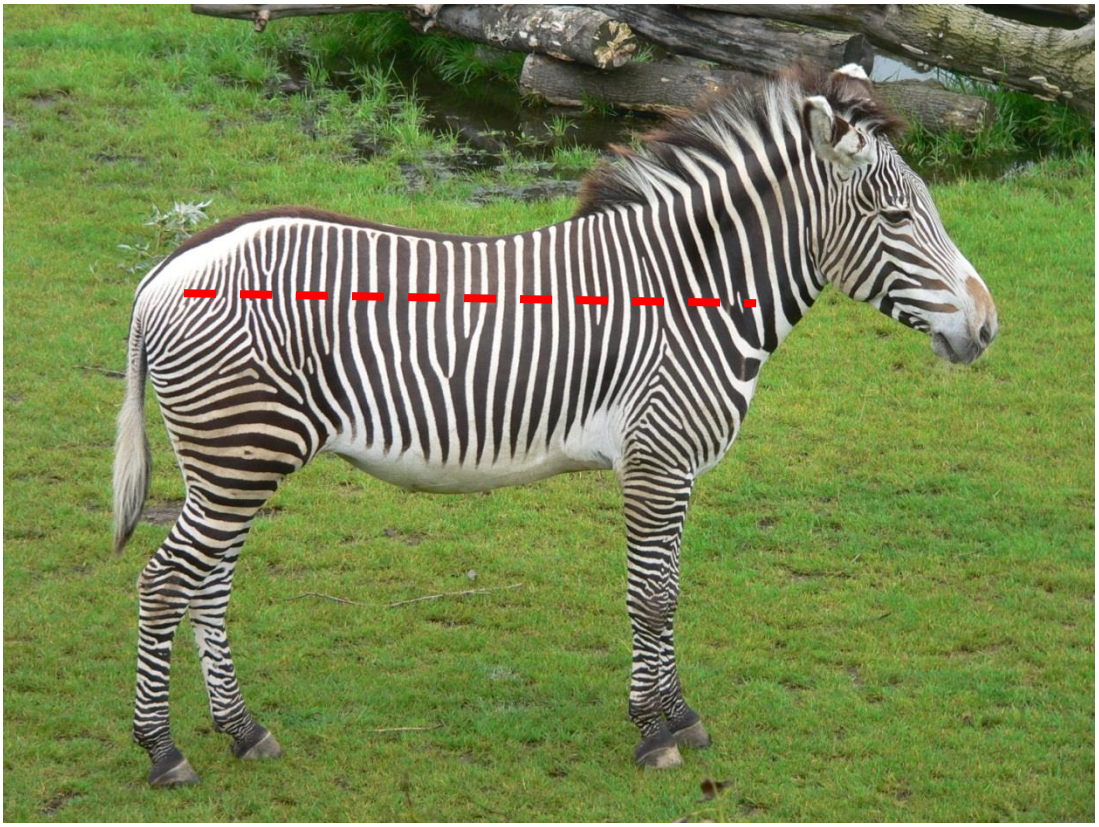


Rouleaux :

convection

Rayleigh-Bénard





Equations de Turing

$$\begin{cases} \dfrac{\partial a}{\partial t} = \rho \dfrac{a^2}{h} - \mu_a a + D_a \dfrac{\partial^2 a}{\partial x^2} + \sigma_a \\ \dfrac{\partial h}{\partial t} = \rho a^2 - \mu_h h + D_h \dfrac{\partial^2 h}{\partial x^2} + \sigma_h \end{cases}$$