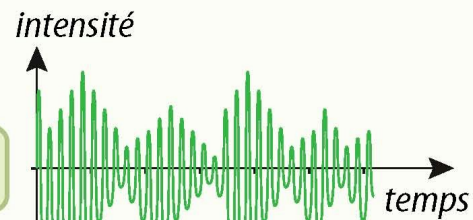


# SIGNAL SONORE

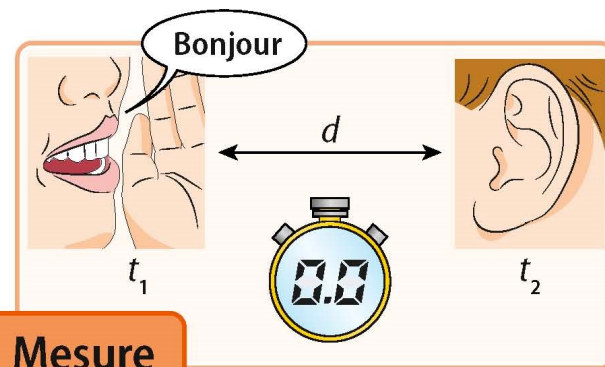
Observation

Traitement du son

Courbe



Mesure



Propagation

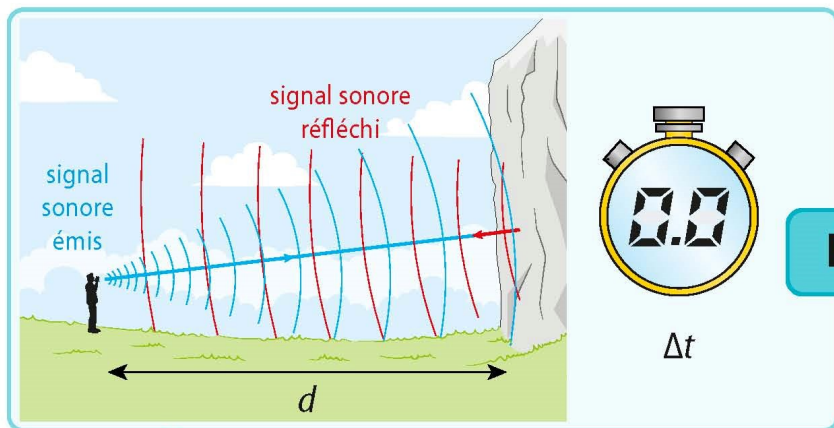
Vitesse de propagation du son :

$$v = \frac{d}{t_2 - t_1} = \frac{d}{\Delta t}$$

$v$  dépend du milieu de propagation

Mesure de distance

Écho



Principe du sonar

$$d = \frac{v \times \Delta t}{2}$$

