

fonction affine :

$$a = \frac{y_2 - y_1}{x_2 - x_1} = \frac{\Delta y}{\Delta x}$$

$$y_1 = ax_1 + b$$

$A(x_1, y_1)$ a : pente

$$\left[\begin{aligned} y_1 - ax_1 &= ax_1 + b - ax_1 \\ y_1 - ax_1 &= b \end{aligned} \right] \quad \left[\begin{aligned} y &= ax + b \\ \uparrow x=0 \end{aligned} \right]$$

$$b = y_1 - ax_1$$

