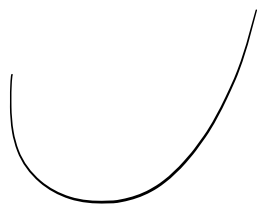
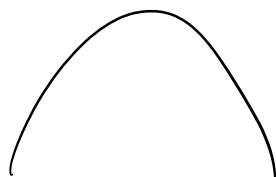


$$f(x) = 2x^2 + bx + c$$

$2 > 0$ convex



$2 < 0$ concave



$(x_1; 0) \quad (x_2; 0)$

$$x_{1,2} = \frac{-b \pm \sqrt{\Delta}}{2a}$$

$$S\left(-\frac{b}{2a} ; -\frac{\Delta}{4a}\right)$$

$$\Delta = b^2 - 4ac$$

0.0.

$(0, f(0))$

Point supplémentaire

Exemple particulier

$(x_1; 0)$

$(x_2; 0)$

$(0, f(0))$

S

