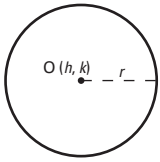


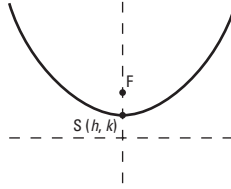
Les coniques

Cercle

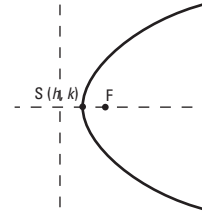


$$(x - h)^2 + (y - k)^2 = r^2$$

Parabole

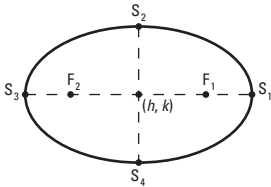


$$(x - h)^2 = 4a(y - k)$$



$$(y - k)^2 = 4a(x - h)$$

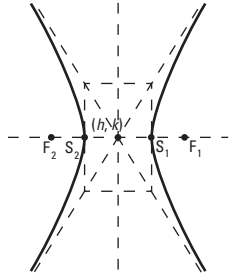
Ellipse



$$\frac{(x - h)^2}{a^2} + \frac{(y - k)^2}{b^2} = 1$$

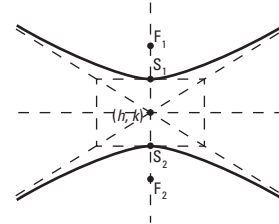
avec $c^2 = a^2 - b^2$ si $a > b$
 $c^2 = b^2 - a^2$ si $a < b$

Hyperbole



$$\frac{(x - h)^2}{a^2} - \frac{(y - k)^2}{b^2} = 1$$

avec $c^2 = a^2 + b^2$



$$\frac{(y - k)^2}{b^2} - \frac{(x - h)^2}{a^2} = 1$$

avec $c^2 = a^2 + b^2$

Le cercle trigonométrique

