



$$\text{d'ai } (e): x^2 + y^2 + c = 0$$

$T =$  tangente  
issue de  $A$

$$M_0 \in (T) \Leftrightarrow \vec{OM}_0 \cdot \vec{AM}_0 = 0$$

$$\Leftrightarrow x_0(x_0 - d) + y_0^2 = 0$$

$$\Leftrightarrow x_0^2 - dx_0 + y_0^2 = 0$$

$$\text{On } M \in (e) \rightarrow x_0^2 + y_0^2 + c = 0$$

$$x_0^2 + y_0^2 = -c$$

$$\text{d'ai } (T): -dx_0 - c = 0$$

$$\boxed{dx_0 + c = 0}$$