

## Le cercle

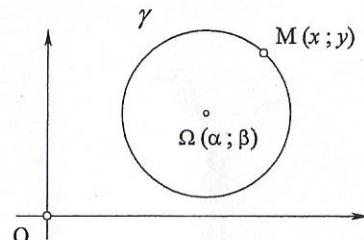


fig 1

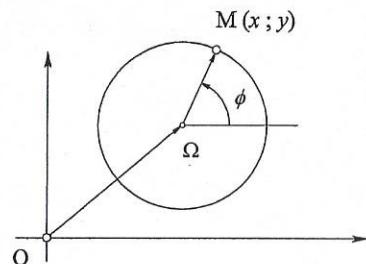


fig 2

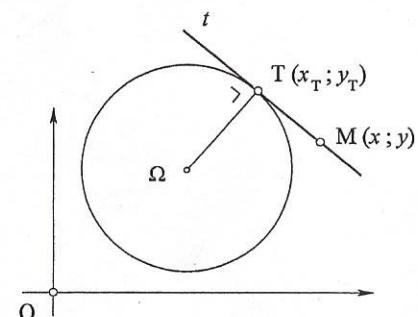


fig 3

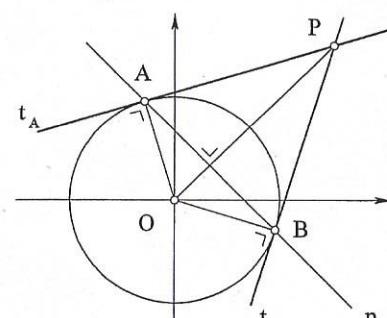
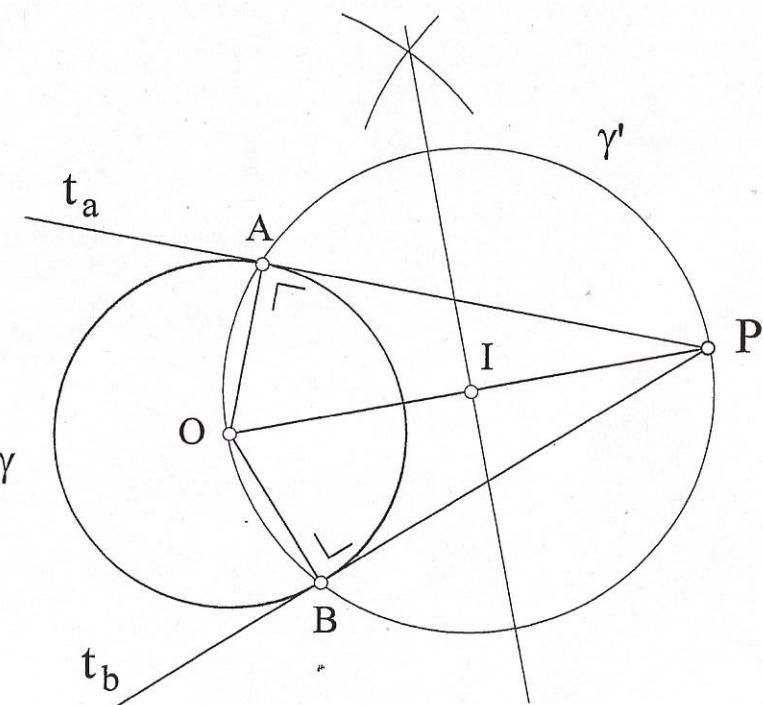


fig 4

## Construction des tangentes issues d'un point $P$



Soient  $A$  et  $B$  les points de contact des tangentes issues de  $P$  :

- Les triangles  $PAO$  et  $PBO$  sont rectangles en  $A$  et  $B$
- Les points  $A$  et  $B$  sont donc sur le cercle de Thalès  $\gamma'$  de diamètre  $OP$