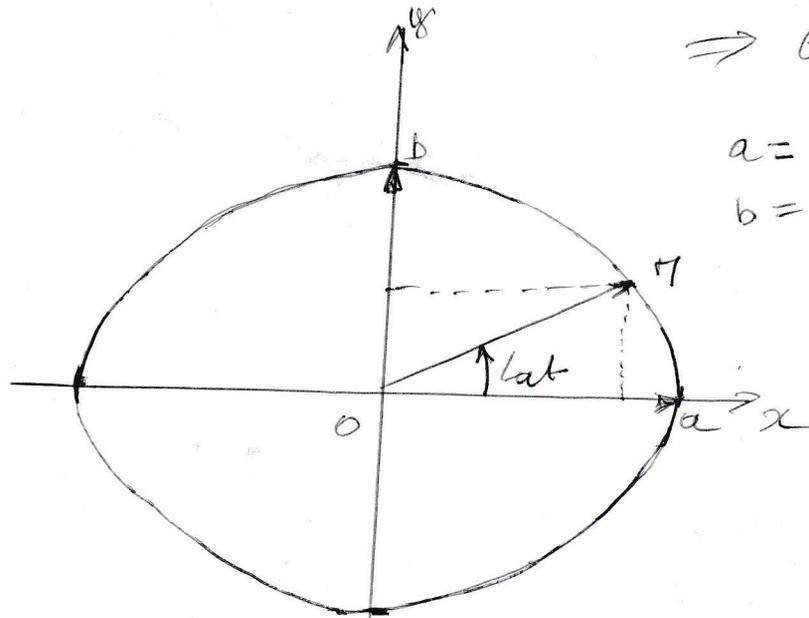


Coupe ellipsoïde Tere / nœudier

⇒ ellipse

$a = R_{\text{équatorial}}$

$b = R_{\text{polaire}}$



$$\vec{OM} \begin{vmatrix} x \\ y \end{vmatrix}$$

$$|\vec{OM}| = \sqrt{x^2 + y^2}$$

$$x = a \cos(\text{lat})$$

$$y = b \sin(\text{lat})$$

$$\text{d'où } |\vec{OM}|^2 = x^2 + y^2$$

$$|\vec{OM}| = R_{\text{calcul}} = \sqrt{a^2 \cos^2(\text{lat}) + b^2 \sin^2(\text{lat})}$$