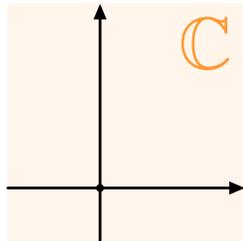


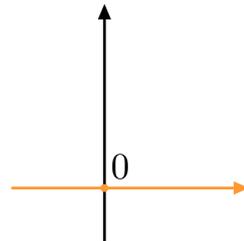
NOMBRES COMPLEXES

i

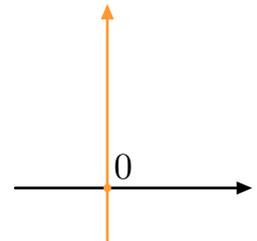
Unité imaginaire



Plan complexe,
Nombres complexes

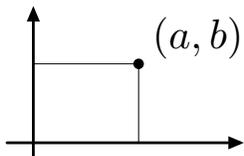


Axe réel



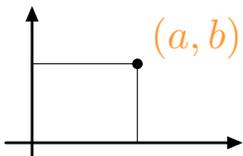
Axe imaginaire
[nombres imaginaires purs]

$$z = a + bi$$



Partie réelle,
Partie imaginaire

$$z = a + bi$$



Coordonnées
cartésiennes

$$z = a + bi$$

$$\bar{z} = a - bi$$

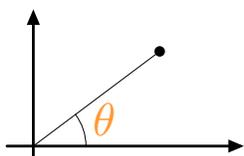
Conjugué complexe

$$z = a + bi$$

$$|z| = \sqrt{a^2 + b^2}$$

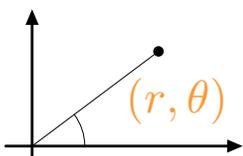
Valeur absolue
(module)

$$z = re^{i\theta}$$



Argument

$$z = re^{i\theta}$$

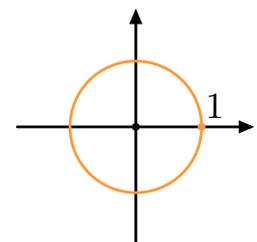


Coordonnées
polaires

e^z

$\log(z)$

Exponentielle complexe,
Logarithme complexe



Cercle unité