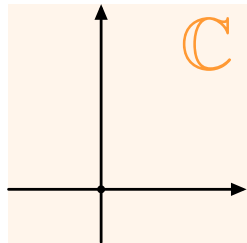


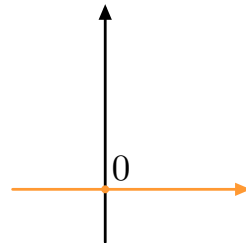
# NÚMEROS COMPLEJOS

$i$

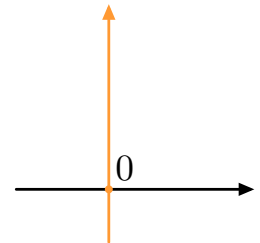
Unidad imaginaria



Plano complejo, números complejos

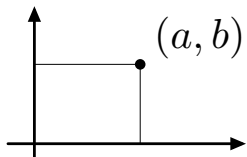


Eje real



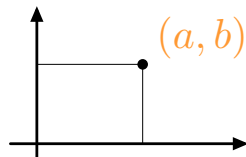
Eje imaginario [número imaginario puro]

$$z = a + bi$$



Parte real, parte imaginaria

$$z = a + bi$$



Coordenadas cartesianas (coordenadas rectangulares)

$$z = a + bi$$

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

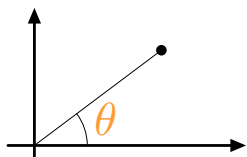
Conjugado complejo

$$z = a + bi$$

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

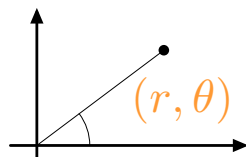
Valor absoluto (módulo)

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



Argumento

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

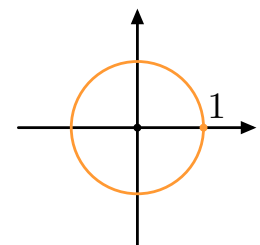


Coordenadas polares

$$e^z$$

$$\log(z)$$

Exponencial compleja, logaritmo complejo



Círculo unitario

ANÁLISIS