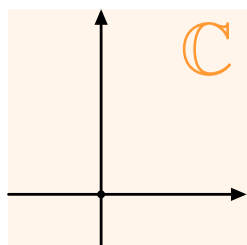


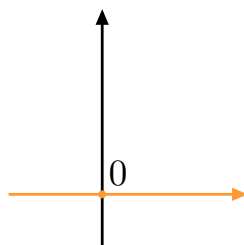
NUMRAT KOMPLEKS

i

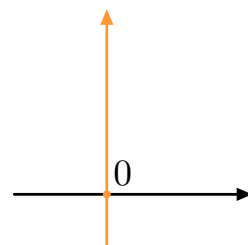
Njësi imagjinare



Rrafshi kompleks,
Numrat kompleks

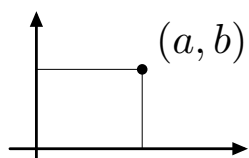


Boshti real



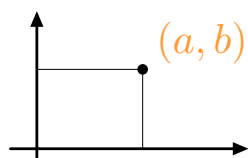
Boshti imagjinare [numrat
e thjesht imagjinare]

$$z = a + bi$$



Pjesa reale,
Pjesa imagjinare

$$z = a + bi$$



Koordinatat karteziane
(koordinatat drejtkëndore)

$$z = a + bi$$

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

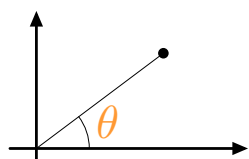
I konjuguari i
numrit kompleks

$$z = a + bi$$

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

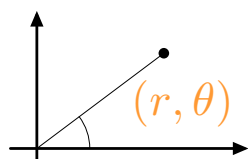
Vlerë absolute (modul
i numrit kompleks)

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



Argumenti

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

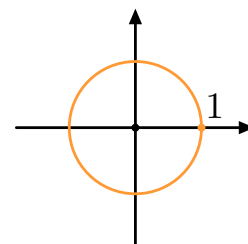


Kordinatat polare

e^z

$\log(z)$

Forma eksponenciale,
Logaritmi kompleks



Rrethi njësi

ANALIZA