

Mandelbrot

$$\text{Rayon}^2 = \text{Re}\{Z_n\}^2 + \text{Im}\{Z_n\}^2$$

$\text{Rayon}^2 > 4 \Rightarrow \text{stop itérations}$

$\text{Rayon}^2 < 4 \Rightarrow \text{itération}++$

itérations == n \Rightarrow stop

