

Algoritma di biseksi

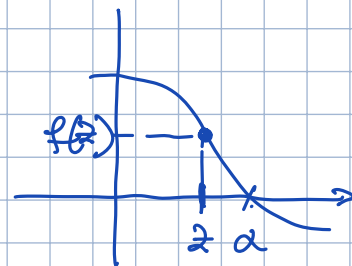
Input : f , a , b , ϵ , K_{max}

Output : z , K , res

↑
approx
di z

↑
iter

↑
residuo $f(z)$



$K=0$, $err = 1 + \epsilon$, $z = []$

while $err > \epsilon$ & $K \leq K_{max}$

$c = \frac{a+b}{2}$; $y = f(c)$; $err = \frac{b-a}{2}$

if $(y = 0)$

$err = 0$

else

if $y * f(a) < 0$

$[a = a]; b = c;$

else

$a = c; [b = b];$

end

$K = K + 1$

end

end

$z = c$

$res = y$

