

Tad. 4 316055

def  $f(x)$  :

let  $b = \frac{1}{x}$

$b = b * b * b * b * b$

return  $b$ ;

def inv\_f\_root( $a, x, x_s$ ):

let  $c = f(x)$

if ( $a - c < 10^{-10}$ )

return  $c$

let  $x_n = x - (c - a) / ((c - f(x_s)) / (x - x_s))$

return inv\_f\_root( $a, x_n, x$ )