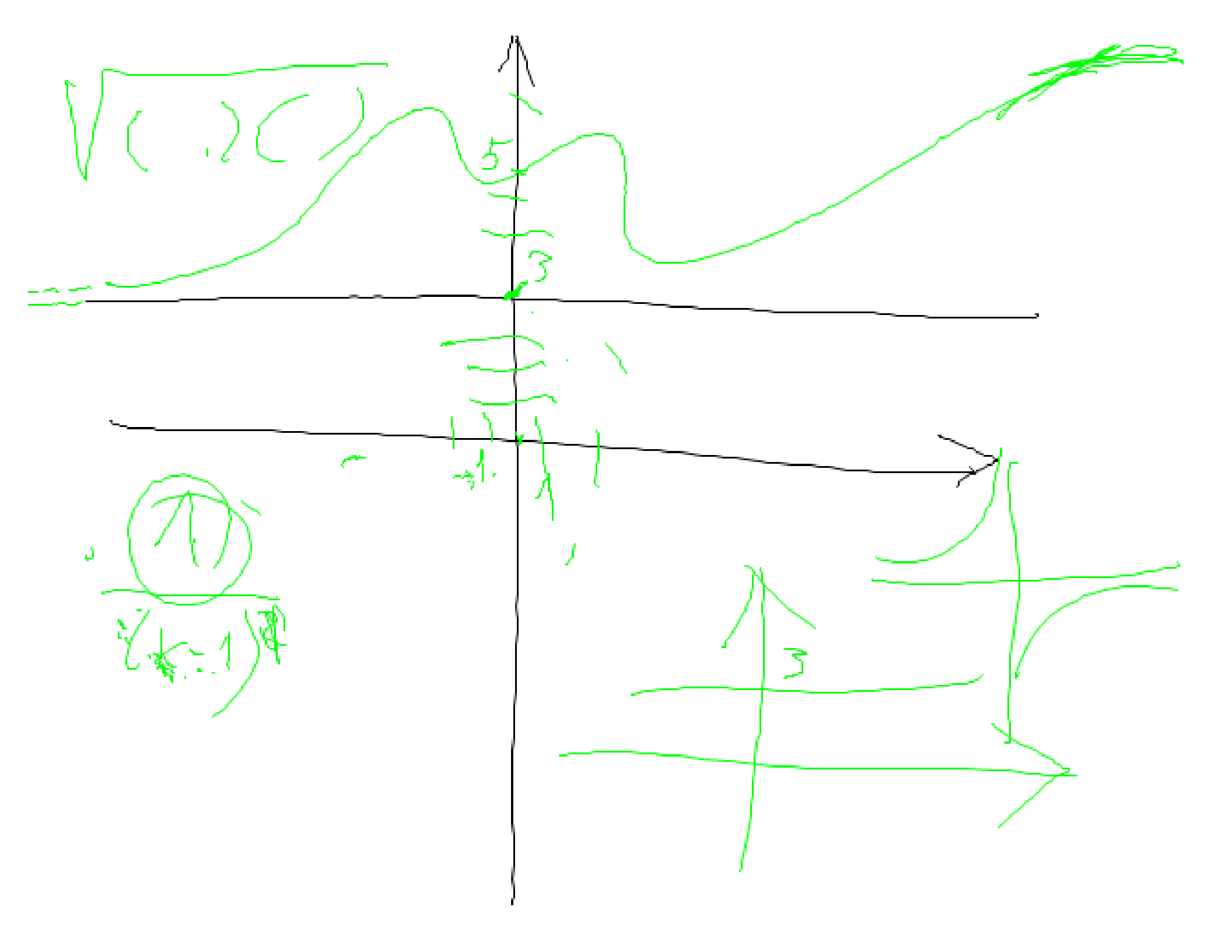
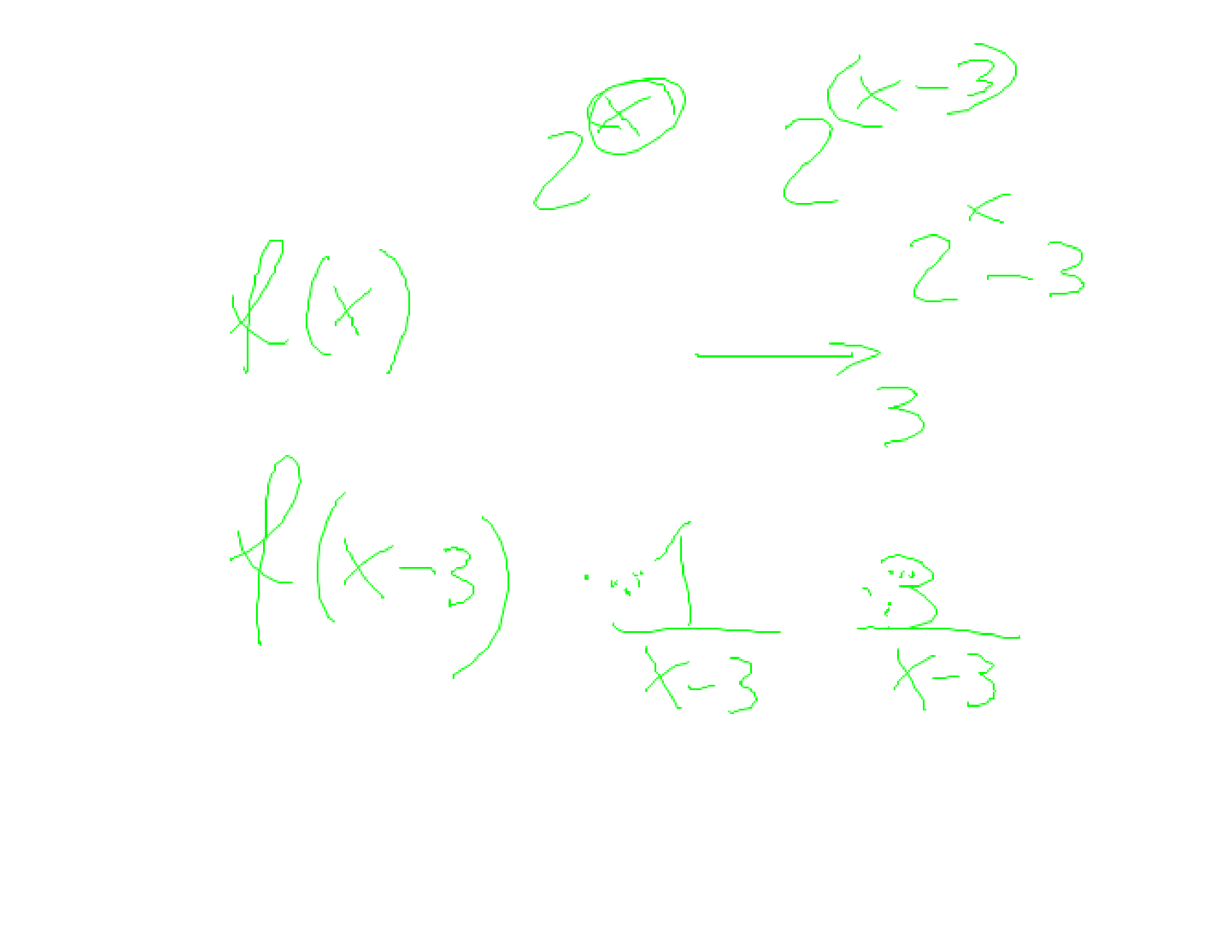
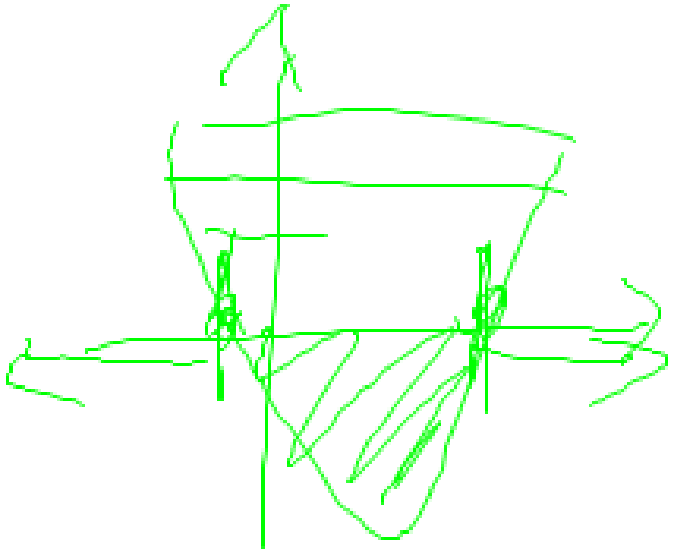



2^x
$2^{(x-3)}$
$f(x)$
$2^x - 3$
3
$f(x-3)$
1
$x-3$
3
$x-3$

$f(x) \sqrt{x^2 - 3x + 2}$



$x^2 - 3x + 2 \geq 0$

SCOMPUNE IN FATTORI E STUDIO SEGNO

PARABOLA

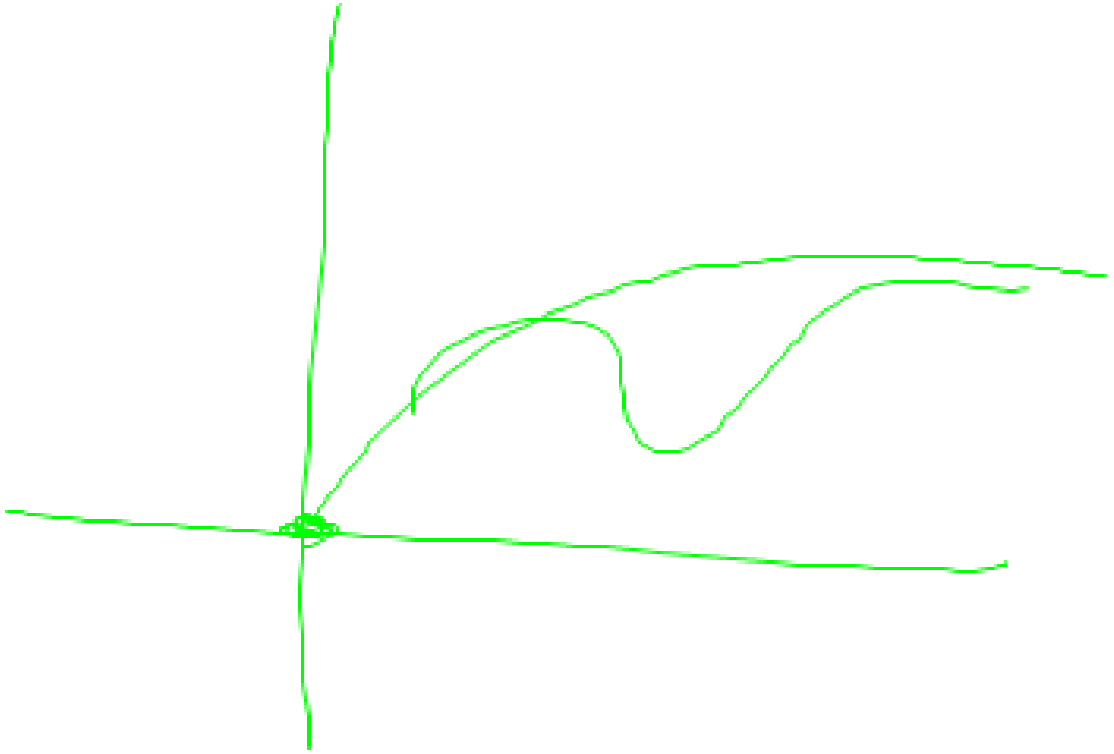
$y = x^2 - 3x + 2$

$0 = x^2 - 3x + 2$

$x_1 = 2$

$x_2 = 3$

$D = (-\infty; 2] \cup [3; +\infty)$



$$f(x) = \sqrt{(x-2)(x-3)}$$

$$(x-2)(x-3) \geq 0$$

$$(x-2) = (x-3)$$

DOMINIO DI UNA $f: X \longrightarrow Y$

$\frac{A}{B}$ $\quad B \neq 0$

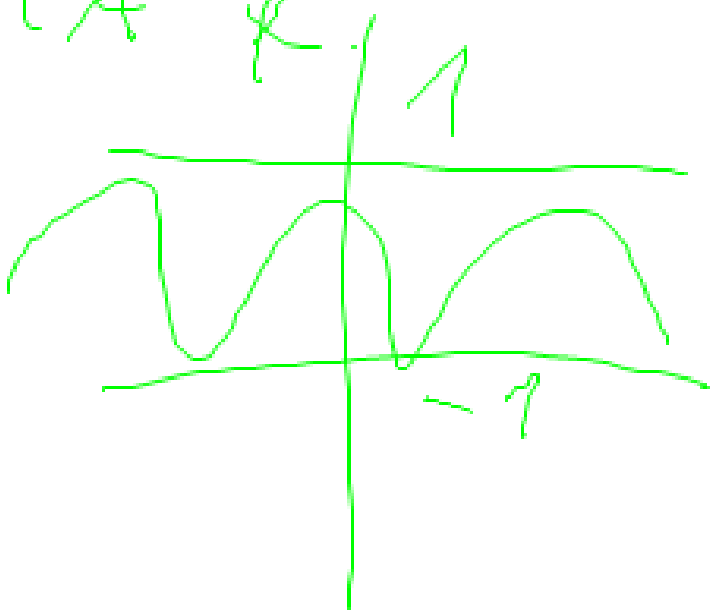
$\sqrt{A}$ $\quad A \geq 0$

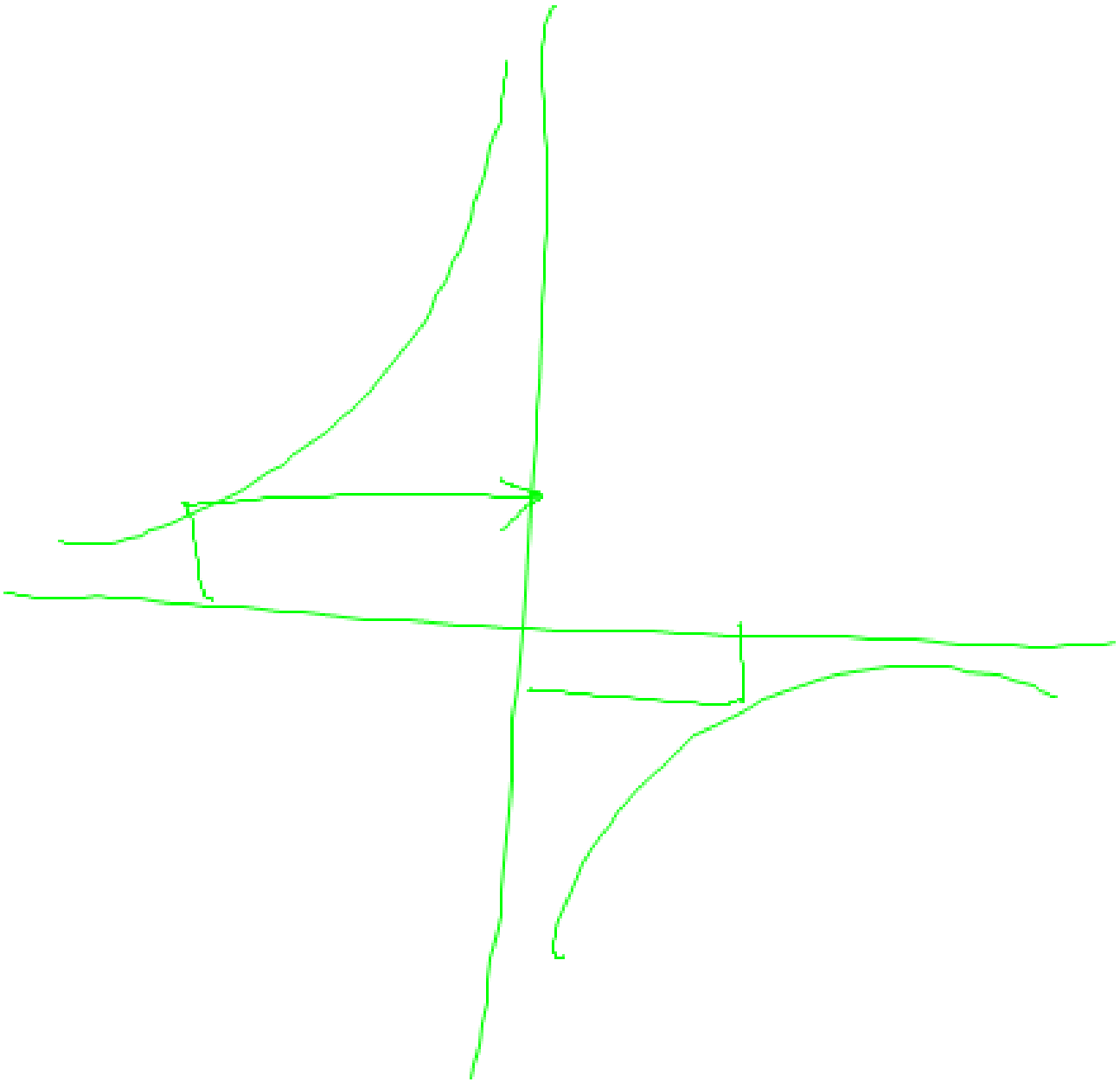
$\log_a A$ $\quad A > 0$

CODOMINIO DELLA f

y?

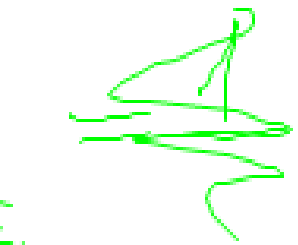
$f(x) = \frac{1}{x}$





$$\lim_{x \to x_0} f(x) = l$$

$$y = \frac{1}{x^2}$$



$$y = 3x$$

$$f(x_0)$$

$$f(x) = \frac{1}{2+x}$$

$$x \neq -2$$

$$x$$