

## PARI e DISPARI

$$y = \sqrt{x^2 - 4} \quad \text{PARI}$$

$$f(x) = \sqrt{(-x)^2 - 4} = \sqrt{x^2 - 4} = f(x)$$

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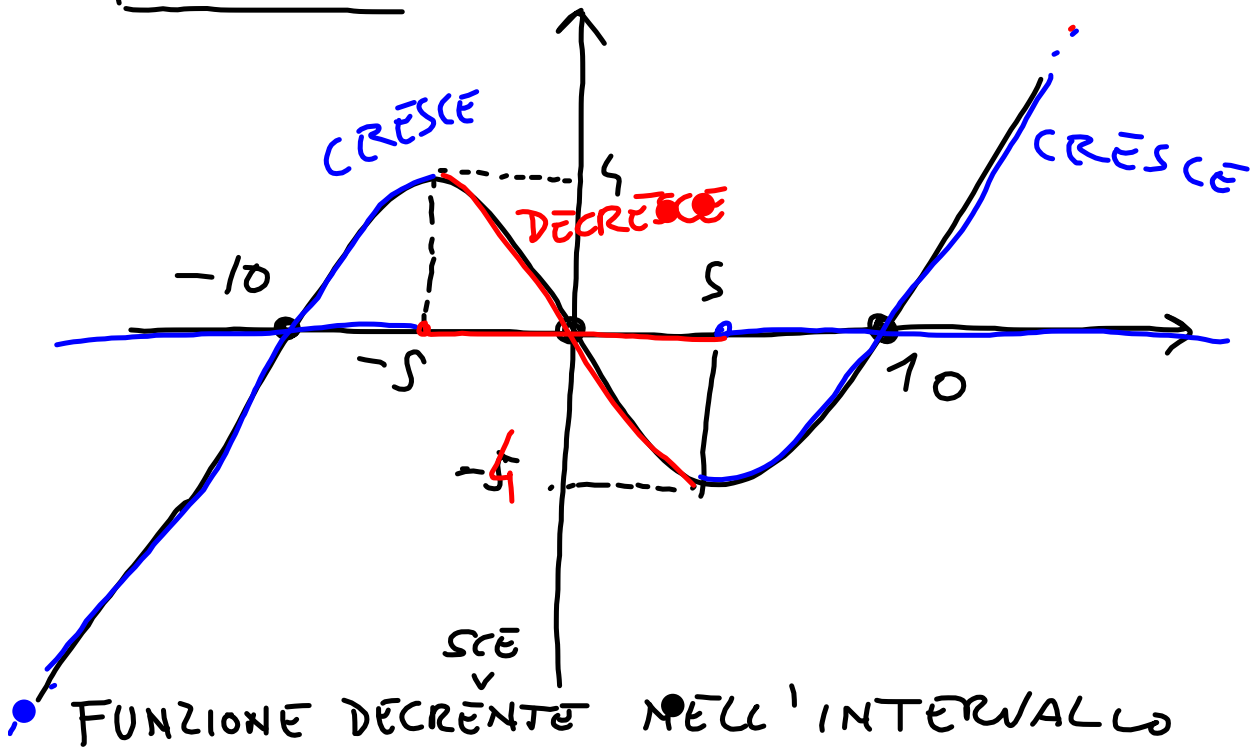
$$y = \sqrt{3x^3 - x}$$

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

NPND

$$y = 3x^3 - x \quad \text{DISPARI}$$
$$f(-x) = 3(-x)^3 - (-x) =$$
$$= -3x^3 + x = -(3x^3 - x) = -f(x)$$

# CRESCENZA E DECRESCENZA FUNZIONE



$$-5 < x < 5$$

FUNZIONE CRESCENTE NELL'INTERVALLO  
 $x < -5 \vee x > 5$