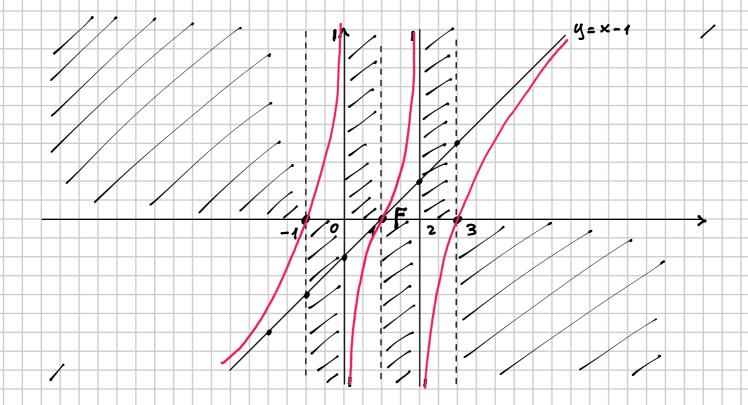
STUDIO COMPLETO DI FUNZIONE

$$y = \frac{x^3 - 3x^2 - x + 3}{x^2 - 2x}$$

1) DOMINIO
$$\times^2 - 2 \times \neq 0 \times (\times - 2) \neq 0 \Rightarrow \times \neq 0 \vee \times \neq 2$$

$$D = (-\infty, 0) \cup (0, 2) \cup (2, +\infty)$$



2) INT. 4551

$$\left(q = \frac{x^3 - 3x^2 - x + 3}{x(x - 2)} = \frac{x^3 - 3x^2 - x + 3}{(x^2 - 4)(x - 3) = 0} = 0\right)$$

(x-1)(x+1)(x-3)=0

INT. ASSE y nou c e feiche x=0 nou (1,0) (-1,0) (3,0)

