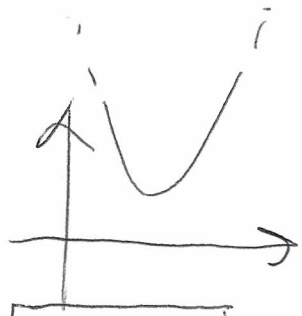
$$\frac{x^2+9}{6x^2-x-1} > 0$$

$N > 0 \Rightarrow \quad x^2+9 > 0 \quad \Delta < 0$



$\forall x \in \mathbb{R}$

$D > 0$

$$6x^2-x-1 > 0$$

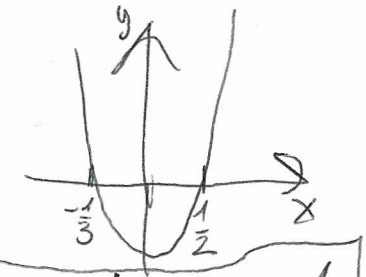
$$6x^2-x-1 = 0$$

$$x_{1,2} = \frac{1 \pm \sqrt{1+24}}{12} = \begin{cases} \frac{1+5}{12} = \frac{6}{12} = \frac{1}{2} \\ \frac{1-5}{12} = -\frac{4}{12} = -\frac{1}{3} \end{cases}$$

	$-\frac{1}{3}$		0		$\frac{1}{2}$	
N	$+$		$+$		$+$	
D	$+$		$-$		$+$	
	$+$		$-$		$+$	

$x < -\frac{1}{3} \vee x > \frac{1}{2}$

SOLUZIONE



$x < -\frac{1}{3} \vee x > \frac{1}{2}$