Xo e(a;b): xo pto mox, min

$$f(x)$$
 definita [a;b]
$$\begin{cases} f(x) & \text{definita } [a;b] \\ f(x) & \text{definita } [a;b) \end{cases}$$

E SUFFICIENTE! Also, pather blue caushe cauche
$$\text{VIII. FLESSO} \ \ \hat{J}(x_0)_{=0} \neq \text{unim., mox}$$

$$\int_{a}^{b} (x_{0}) = 0$$

$$\int_{a}^{b} (x_{0$$

x→x0?

$$\begin{cases}
(x_0 + h) \leq f(x_0) & x_0 - h & x_0 \neq x \neq x_0 + h \\
f(x_0 + h) \leq f(x_0) & (x_0 + h) - f(x_0) \leq 0
\end{cases}$$

$$\begin{cases}
(x_0 + h) \leq f(x_0) & (x_0 + h) - f(x_0) \leq 0 \\
f(x_0 + h) = f(x_0) \leq 0
\end{cases}$$





dim.

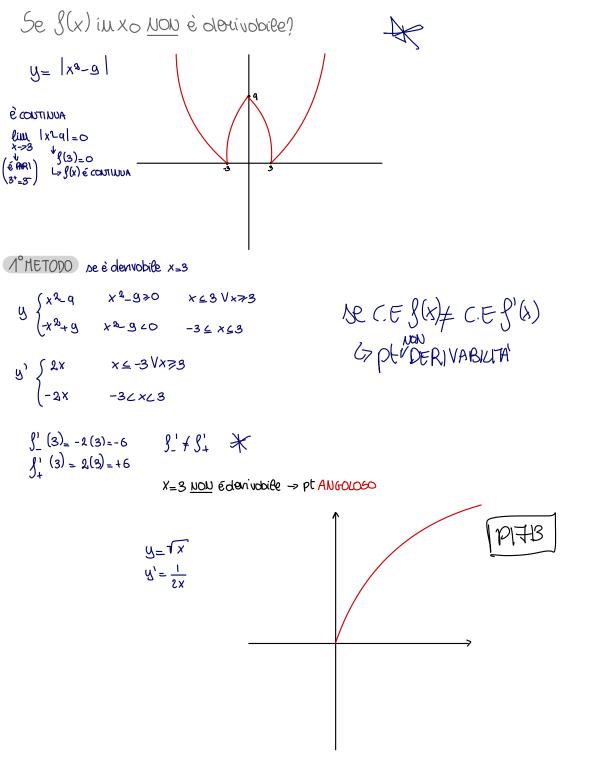




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h < 0 $\frac{\int (x_0 + h) - \int (x_0)}{h} > 0$

 $\lim_{h\to\infty} \frac{\int (x_0+h)-\int (x_0)}{h} = \int_{-\infty}^{1} (x_0) > 0 \qquad \qquad hp. \quad \int (x) \notin \frac{\text{DERIVABLE}}{h} (x_0) = 0$ $\lim_{h\to\infty} \frac{\int (x_0+h)-\int (x_0)}{h} = \int_{+\infty}^{1} (x_0) \le 0 \qquad \qquad hp. \quad \int (x) \notin \frac{\text{DERIVABLE}}{h} (x_0) = 0 \qquad \qquad \Rightarrow \int_{-\infty}^{1} (x_0) = 0$



$$P|745 \text{ N° 279}$$

$$U = X^{2} + \frac{1}{X} \qquad \text{C.E } X \neq 0$$

$$= \frac{X^{3} + 1}{X} \qquad \text{Xe } (-\infty;0) \cup (0;+\infty)$$

$$P|R| \circ \text{DEFRRI?}$$

$$\int (x) \neq \int (x)$$

$$\int (x) \Rightarrow \int (x) \Rightarrow$$

$$X^{3}+1=0 \quad X=1 \quad A(-1;0)$$

$$X^{2}+\frac{1}{X} \quad 70 \quad \Rightarrow X^{3}7-\frac{1}{X} \quad -\frac{1}{X} \quad +\frac{1}{X} \quad +\frac{1}{X}$$

$$\frac{X^{3}+1}{X} = \frac{3x^{2}-x^{3}-1}{X^{2}} = \frac{2x^{\frac{3}{2}}-x^{\frac{3}{2}}}{X^{2}}$$

$$\frac{1}{X^{3}-1} = \frac{1}{2} = \frac{1}{2} = 0$$

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$$\int (X) SINNETRICA U=2$$

$$P = \frac{2 \times ^{9} - b}{2 \times ^{9} + b} \qquad y=1 \text{ As Cruit}$$

$$y' = \frac{20 \times ^{9} + 20 \times ^{9} + 20 \times ^{9} + 20 \times ^{9}}{2 \times ^{9} + 20 \times ^{9} + 20 \times ^{9}}$$

$$y' = \frac{20 \times ^{9} + 20 \times ^{9} + 20 \times ^{9}}{2 \times ^{9} + 20 \times ^{9} + 20 \times ^{9}}$$