22-06-2017

lunedì 2 aprile 2018 19:20

19:22/20:22

$$\oint \oint (x) = x + \frac{3|x|}{x}$$

9) $k \propto = \times + \frac{3! \times !}{\times}$ esintet in insieme di def.

dom
$$f = (-\infty, 0) \cup (0, +\infty)$$

- · tim × 3 x = 600 ~ No origa.
- · lim × + 3× +00 7
- · lim × + 3 = 3 > No verticale · lim × -3 = -3 1
- · lim $g(x) = \lim_{x \to +\infty} 4 + \frac{3x}{x^2} = 9 = m$ $f(x) mx = \lim_{x \to +\infty} x + 3 x = 3$ · lim $g(x) mx = \lim_{x \to +\infty} x 3 = 9 = m$ · lim $g(x) = \lim_{x \to +\infty} x 3 = 9 = m$ · lim $g(x) = \lim_{x \to +\infty} x 3 = 9 = m$ · lim $g(x) = \lim_{x \to +\infty} x 3 = 9 = m$ · lim $g(x) = \lim_{x \to +\infty} x 3 = 0 = m$ · lim g(x) = 0 = m· lim

- り(x)=(1+女) x2 x2 log(1+女) D[1+女]= x2 (x2)

$$= e^{x^2 \log(1+\frac{1}{2})} \left(2 \times \log(1+\frac{1}{2}) = \frac{x^2}{x^2 + x} \right)$$

$$\begin{cases}
\frac{1-\cos x}{x^2} & \text{se } x \neq 0 \\
\frac{1}{2} & \text{se } x \neq 0
\end{cases}$$

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\end{cases}$$



$$a_{m} = \frac{(m+1)! - m!}{m^{2}(m-1)!}$$
 $m \ge 1$ links

$$\frac{(m+1)m! - m!}{m^2(m-1)!} = \frac{m!((m+1)-1)}{(m-1)!} = \frac{m!((m+1)-1)}{(m-1)!} = \frac{m!(m+1)!}{(m-1)!}$$



$$5 \lim_{m \to \infty} \frac{(m-1)^m}{e^m \log m} = \frac{(m-1)^m}{m^m} = \left(100\right)^m =$$

$$GF: |R-|R| F(x) = \int_{1}^{\infty} \frac{\operatorname{arotom}(t^{2}-1)}{1+t^{2}} dt$$

$$F(x) = \frac{\text{porcton}(x^2-1)}{4+x^2} = \frac{\text{porcton}(0)}{2}$$



$$F'(x) > 0$$
 preton (x2-1) $\Rightarrow 0 \Rightarrow \text{preton (x2-1)} > 0$