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$$\lim_{x \rightarrow +\infty} \frac{\sqrt{\cosh^2 x + 3} + \sin 3x + 1}{3 \cosh x + 2 + \cos 3x} =$$

$$= \lim_{x \rightarrow +\infty} \frac{\cosh x \left(\sqrt{1 + \frac{3}{\cosh^2 x}} + \frac{\sin 3x}{\cosh x} + \frac{1}{\cosh x} \right)}{\cosh x \left(3 + \frac{2}{\cosh x} + \frac{\cos 3x}{\cosh x} \right)} =$$

$$= \frac{1}{3}$$

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$$\lim_{x \rightarrow +\infty} \frac{(\operatorname{tgh} x) \log(e^x + 3x \operatorname{arctg} x + 1) + 2}{2x e^{\frac{1}{x}} + \operatorname{arctg} x + 1} =$$

$$= \lim_{x \rightarrow +\infty} \frac{(\operatorname{tgh} x) \left[x + \log \left(1 + \frac{3x}{e^x} \operatorname{arctg} x + \frac{1}{e^x} \right) \right] + 2}{x \left[2e^{\frac{1}{x}} + \frac{\operatorname{arctg} x}{x} + \frac{1}{x} \right]} =$$

- 96 2P
- ~~1 - dBase IV 3 dischetti: 1.44 DATABASE (DOS)~~
 - ~~4 - Data Fax Lite 4.1 COMUNICAZIONE (WINDOWS)~~
 - ~~5 - DataComm Lite COMUNICAZIONE (WINDOWS)~~
 - ~~6 - Data Fax / Dos Lite 1.50 COMUNICAZIONE (DOS)~~
 - ~~7 - DataComm / Dos Lite 3.2 COMUNICAZIONE (DOS)~~
 - ~~8 - Dos 5 2 dischetti: 1.2 Mb SISTEMA OPERATIVO (DOS)~~
 - ~~10 - Doom 1.2 4 dischetti: 1.4 Mb GIOCO (DOS)~~
 - ~~14 - Dos 6 4 dischetti: 1.44 SISTEMA OPERATIVO~~
 - ~~18 - DOS 6.2 3 dischetti: 1.44 SISTEMA OPERATIVO~~
 - ~~21 - Po guide DOS 8 dischetti: 1.44 AUTOSTRUZIONE (DOS)~~
 - ~~29 - dBase III Plus 4 dischetti: 1.44 DATABASE (DOS)~~
 - ~~30 - dBase Borland DEMO DATABASE (WINDOWS)~~
 - ~~31 - DISPLAY 1 dischetto 1.44~~
 - ~~32 - De f com 1 vers. 1.1 GIOCO (DOS)~~
 - ~~33 - Draw Poker 1.0~~

$$= \lim_{x \rightarrow +\infty} \frac{(\operatorname{tg} x) \left[1 + \frac{\log \left(1 + \frac{3^x}{e^x} \operatorname{arctg} x + \frac{1}{e^x} \right)}{x} \right] + \frac{2}{x}}{2e^{\frac{1}{x}} + \frac{\operatorname{arctg} x}{x} + \frac{1}{x}}$$

$$= \frac{1}{2}$$