

LIMITI

Calcolare, se esistono, i seguenti

LIMITI DI SUCCESSIONI

$$\bullet \lim_{n \rightarrow +\infty} \frac{n-1}{n+5} =$$

$$\bullet \lim_{n \rightarrow +\infty} \frac{2n^2 + n - 1}{n^2 + 3} =$$

$$\bullet \lim_{n \rightarrow +\infty} \frac{1}{n^3 + (-2)^n} =$$

$$\bullet \lim_{n \rightarrow +\infty} \frac{n^{5/2} - 3n + 7}{n^3 + \sqrt{n} - 3n^2} =$$

$$\bullet \lim_{n \rightarrow +\infty} \frac{2^{n+1} - 4^{n-1}}{3^n} =$$

$$\bullet \lim_{n \rightarrow +\infty} \frac{4 \cdot 10^n - 3 \cdot 10^{2n}}{3 \cdot 10^{n-1} + 2 \cdot 10^{2n-1}} =$$

$$\bullet \lim_{n \rightarrow +\infty} (2^n + 3^n)^{1/n} =$$

$$\bullet \lim_{n \rightarrow +\infty} \left(\sqrt{(n+1)(n+2)} - n \right) =$$

$$\bullet \lim_{n \rightarrow +\infty} \frac{3\sqrt[3]{n^2+1} - \sqrt[3]{n^2+2}}{\sqrt[3]{n^2}} =$$

$$\bullet \lim_{n \rightarrow +\infty} \left(1 + \frac{1}{n} \right)^{n+5} =$$