

Esercizi del 12/10/2022

Calcolare i seguenti limiti

$$\lim_{n \rightarrow +\infty} \sqrt[n]{2^n + 3^n}$$

$$\lim_{n \rightarrow +\infty} n^2 2^{-\sqrt{n}}$$

$$\lim_{n \rightarrow +\infty} \left(1 + \frac{7}{n}\right)^{2n}$$

$$\lim_{n \rightarrow +\infty} n \left(\sqrt[3]{8 + \frac{1}{n^2}} - 2 \right)$$

$$\lim_{n \rightarrow +\infty} \sqrt[n]{\binom{2n}{n}}$$