

1,00

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2do Semestre de Economía

24/10/2024

- Resolver el siguiente ejercicio

$$\lim_{x \rightarrow \infty} \frac{\sqrt[3]{2x^6 + 2}}{\sqrt{3x^4 + 1}}$$

$$\lim_{x \rightarrow \infty} \frac{\sqrt[3]{2(\infty)^6 + 2}}{\sqrt{3(\infty)^4 + 1}}$$

$$\lim_{x \rightarrow \infty} \frac{\sqrt[3]{2 \cdot \infty + 2}}{\sqrt{3 \cdot \infty + 1}}$$

$$\lim_{x \rightarrow \infty} \frac{\sqrt{\infty + 2}}{\sqrt{\infty + 1}}$$

$$\lim_{x \rightarrow \infty} \frac{\sqrt{\infty}}{\sqrt{\infty}}$$

$$\lim_{x \rightarrow \infty} \frac{\infty}{\infty} \quad \text{Indeterminado}$$

$$\lim_{x \rightarrow \infty} \frac{\sqrt[3]{2x^6 + 2}}{\sqrt{3x^4 + 1}}$$

$$\lim_{x \rightarrow \infty} \frac{\sqrt[3]{2x^6 + 2}}{\sqrt{3x^4 + 1}}$$

$$\lim_{x \rightarrow \infty}$$

$$\frac{\sqrt[3]{2 + \frac{2}{x^6}}}{\sqrt{3x^2 + 1}}$$

$$\lim_{x \rightarrow \infty}$$

$$\frac{\sqrt[3]{2 + \frac{2}{(\infty)^6}}}{\sqrt{3(\infty)^2 + 1}}$$

$$\lim_{x \rightarrow \infty}$$

$$\frac{\sqrt[3]{2 + \frac{2}{\infty}}}{\sqrt{3 \cdot \infty + \frac{1}{\infty}}}$$

$$\lim_{x \rightarrow \infty}$$

$$\frac{\sqrt[3]{2 + 0}}{\sqrt{\infty + 0}}$$

$$\lim_{x \rightarrow \infty}$$