Límits

2022 - 2023

1 Exercicis

$f(x) = \frac{1}{x}$

$Dom\left(\frac{1}{x}\right) = x \in \mathbb{R} - \{0\}$

$\lim_{x \to 0} \frac{1}{x} = \frac{1}{0} = \infty$

$f(x) = \frac{\sqrt{x^4 + 1} + x^2}{\sqrt[3]{x + 1} + 2x}$

$\sqrt[3]{x + 1} + 2x = 0$

$\sqrt[3]{x + 1} = -2x$

$x + 1 = -8x^3$

$1 = -8x^3 - x$