

Esercizi

$$\lim_{x \rightarrow 2} \frac{x-2}{x},$$

$$\lim_{x \rightarrow -1} \frac{x+1}{x-1},$$

$$\lim_{x \rightarrow +\infty} \frac{x+\sin x}{x^2+1},$$

$$\lim_{x \rightarrow -\infty} \sqrt{1-x} + x,$$

$$\lim_{x \rightarrow +\infty} \sqrt{x^2+1} - x + 1,$$

$$\lim_{x \rightarrow -\infty} \sqrt{x^2+1} - x + 1,$$

$$\lim_{x \rightarrow 0} \frac{e^x}{x},$$

$$\lim_{x \rightarrow \pi} \frac{\sin x}{x-\pi},$$

$$\lim_{x \rightarrow \pi} \frac{\sin(x-\pi)}{x-\pi},$$

$$\lim_{x \rightarrow 0} \frac{\tan x}{x}.$$