

Funktionsgrenzwerte

Was passiert an der Stelle 0?

$$f_1(x) = \frac{\sin(x)}{x}$$

$$f_2(x) = \frac{\cos(x) - 1}{x}$$

$$f_3(x) = \sin\left(\frac{1}{x}\right)$$

$$f_4(x) = \frac{|x|}{x}$$

$$f_5(x) = x \cdot \sin\left(\frac{1}{x}\right)$$

$$f_6(x) = \frac{(\sin(x))^2}{x}$$

$$f_7(x) = \frac{\tan(x)}{x}$$

$$f_8(x) = x \cdot \cos\left(\frac{1}{x^2}\right)$$

$$f_9(x) = \frac{x \cdot \cos(x) - x}{x^2 - x}$$

$$f_{10}(x) = x - x^2 \cdot \sin\left(\frac{1}{x}\right)$$
