

極限の7公式

$$\circ \lim_{x \rightarrow 0} \frac{\sin x}{x} = 1$$

$$\circ \lim_{x \rightarrow 0} \frac{1 - \cos x}{x^2} = \frac{1}{2}$$

$$\circ \lim_{x \rightarrow 0} \frac{\tan x}{x} = 1$$

$$\circ \lim_{n \rightarrow \pm\infty} \left(1 + \frac{1}{n}\right)^n = e$$

$$\circ \lim_{t \rightarrow 0} (1+t)^{\frac{1}{t}} = e$$

$$\circ \lim_{t \rightarrow 0} \frac{\log(1+t)}{t} = 1$$

$$\circ \lim_{t \rightarrow 0} \frac{e^t - 1}{t} = 1$$