

数Ⅲ (三角関数と極限②)

〇 次の極限を求めよ。

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

$$\textcircled{2} \lim_{x \rightarrow \frac{\pi}{2}} \frac{\cos x}{2x - \pi}$$

$$\textcircled{3} \lim_{x \rightarrow 0} \frac{\cos 3x - \cos 2x}{x^2}$$