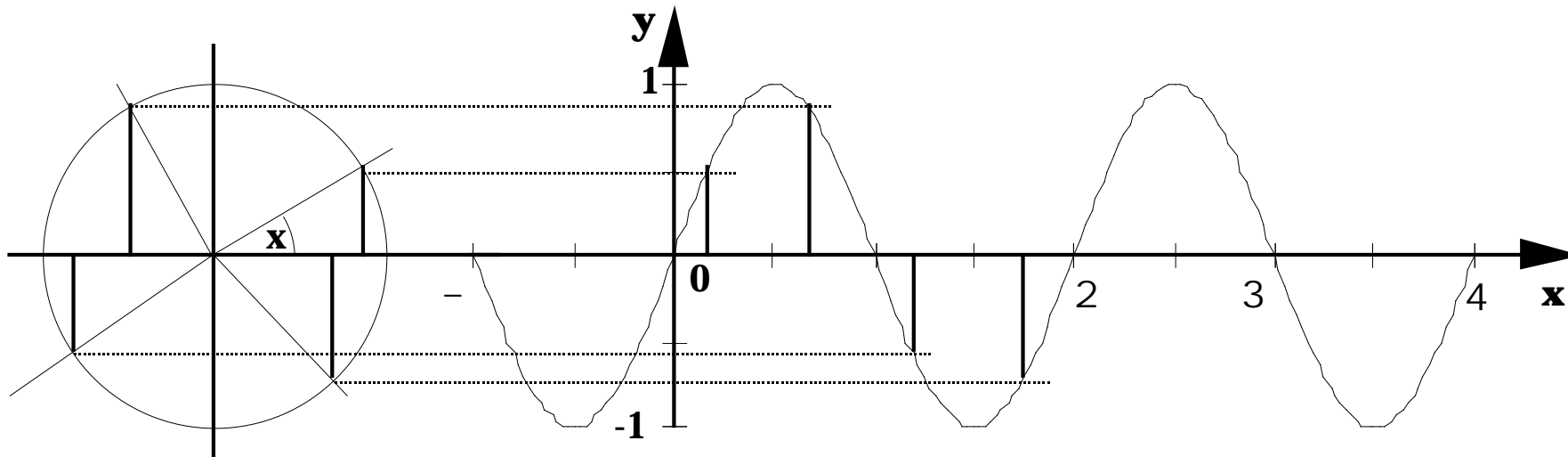


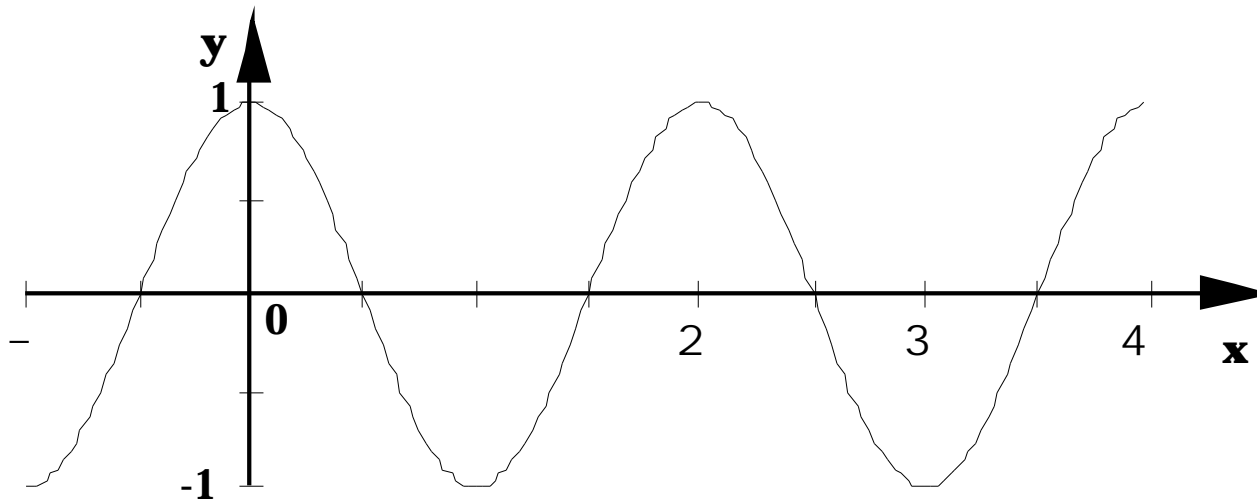
# Sinus-Funktion

$$f: \mathbb{R} \rightarrow \mathbb{R}$$
$$x \mapsto y = f(x) = \sin(x)$$



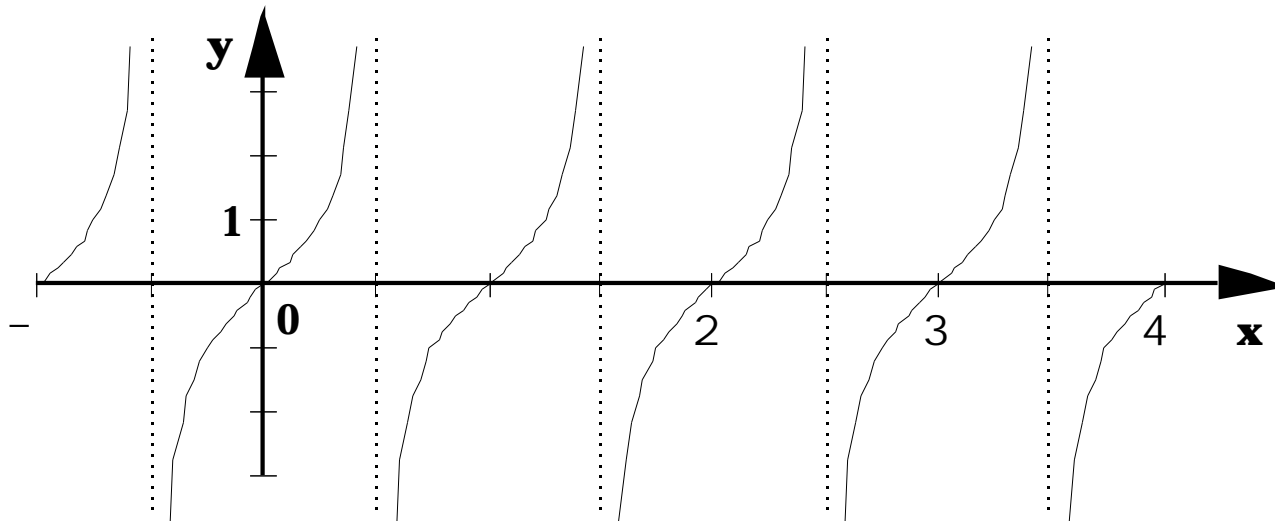
# Cosinus-Funktion

$$f: \mathbb{R} \rightarrow \mathbb{R}$$
$$x \mapsto y = f(x) = \cos(x)$$



# Tangens-Funktion

$$f: \mathbb{R} \setminus \left\{ \frac{\pi}{2} + k \cdot \pi, k \in \mathbb{Z} \right\} \rightarrow \mathbb{R}$$
$$x \mapsto y = f(x) = \tan(x)$$



# Cotangens-Funktion

$$f: \mathbb{R} \setminus \{k\pi, k \in \mathbb{Z}\} \rightarrow \mathbb{R}$$
$$y = f(x) = \cot(x)$$

