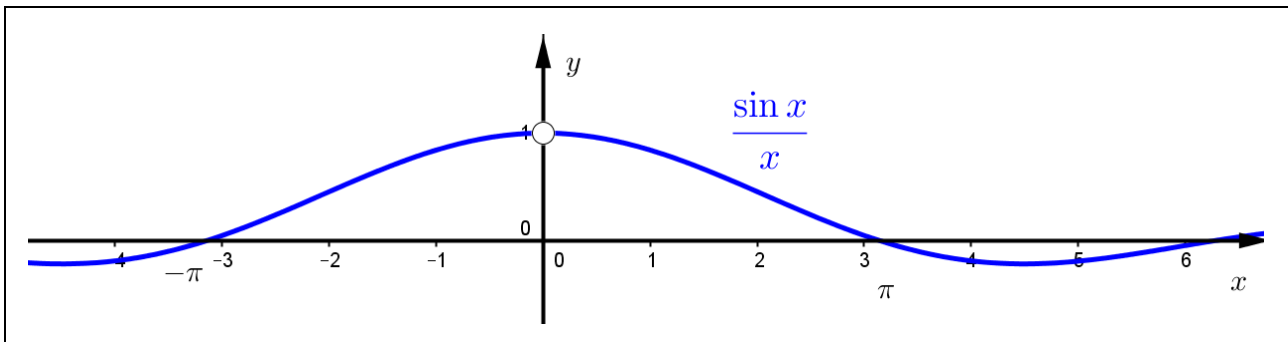
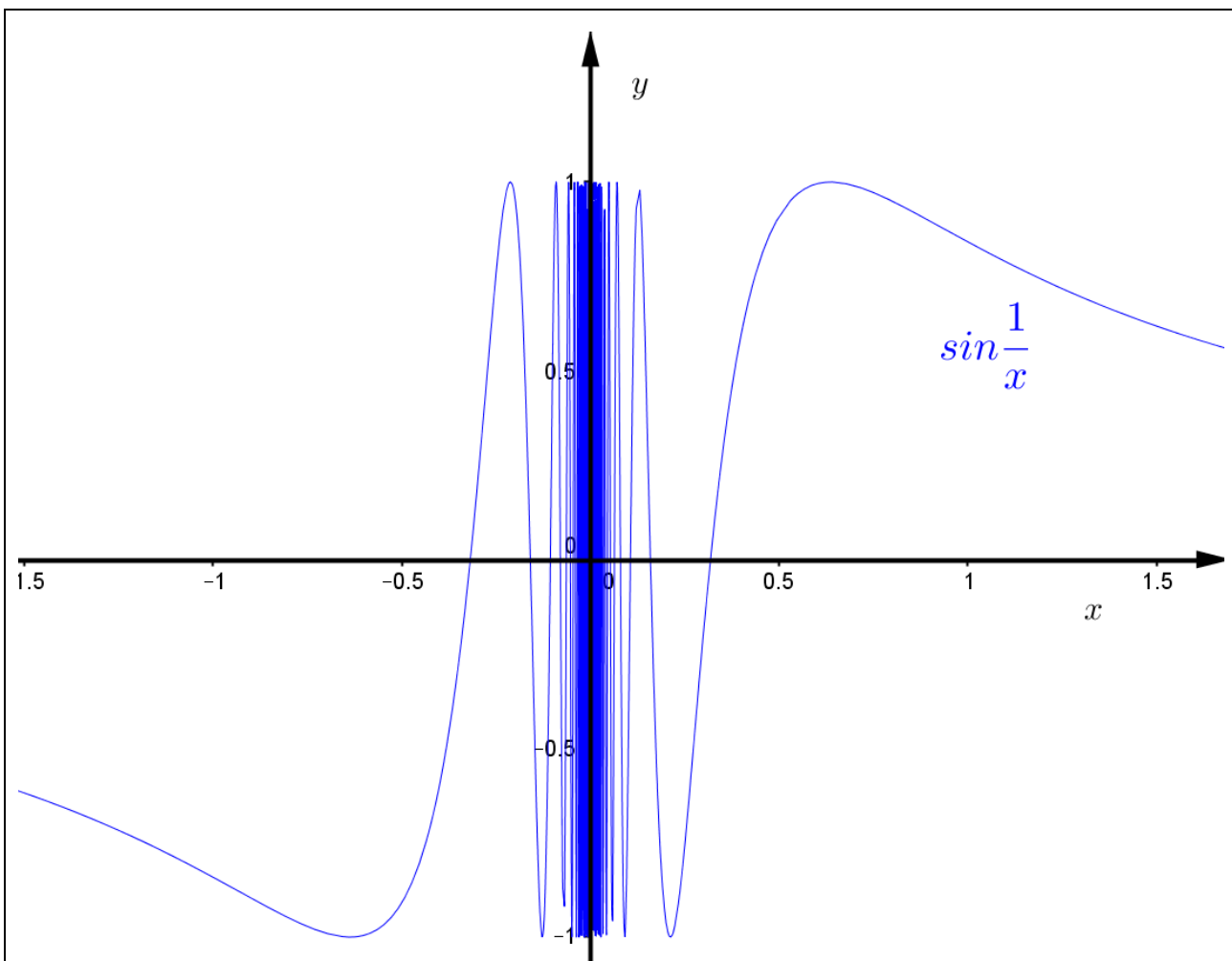


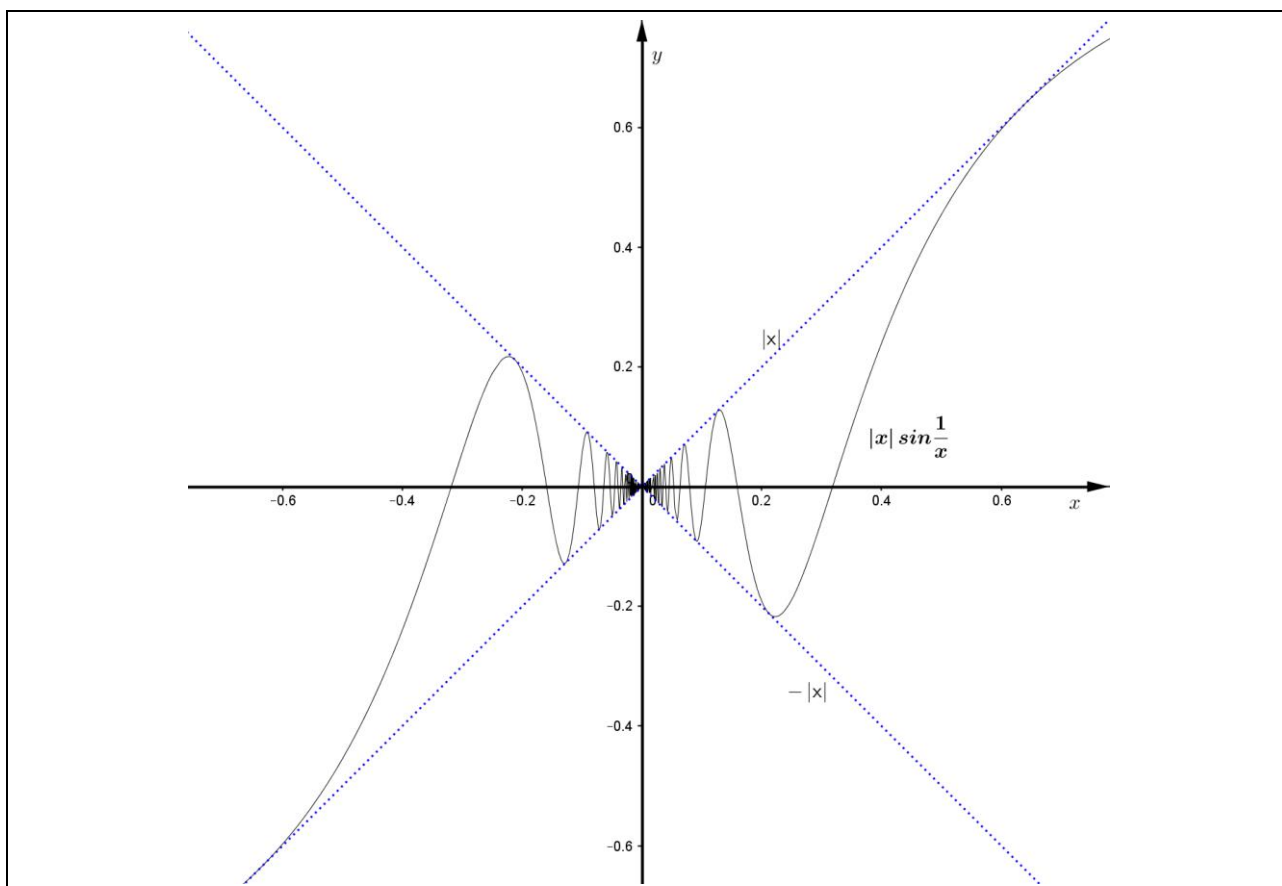
Curiosità sulla funzione seno



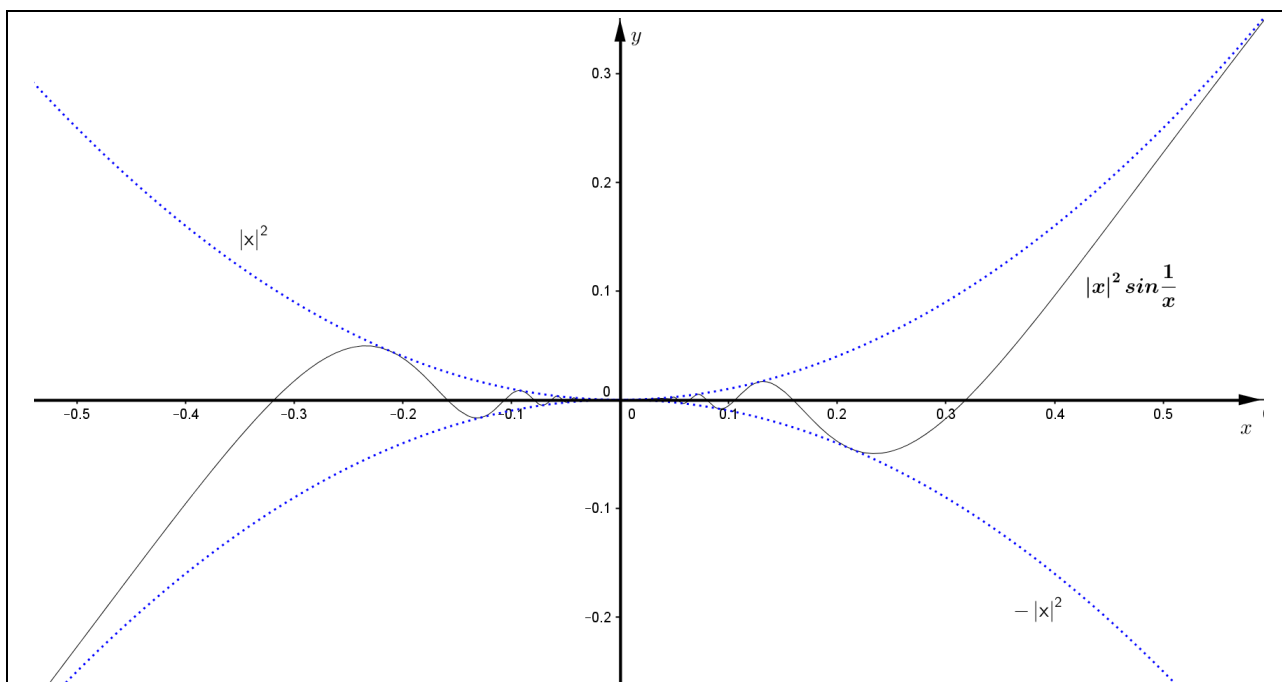
$$f(x) = \frac{\sin x}{x}, \quad x \in \mathbb{R} \setminus \{0\}$$



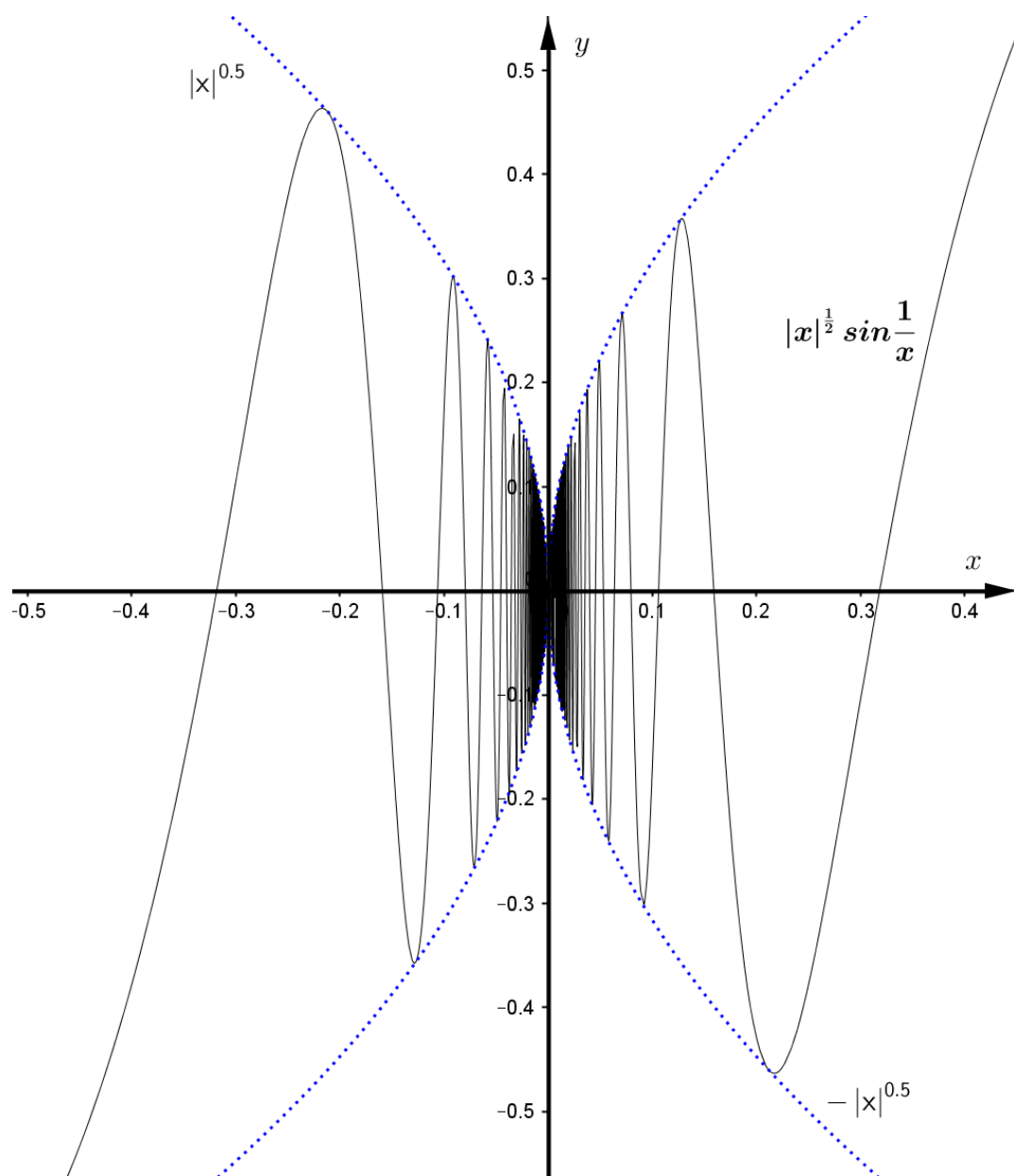
$$f(x) = \sin \frac{1}{x}, \quad x \in \mathbb{R} \setminus \{0\}$$



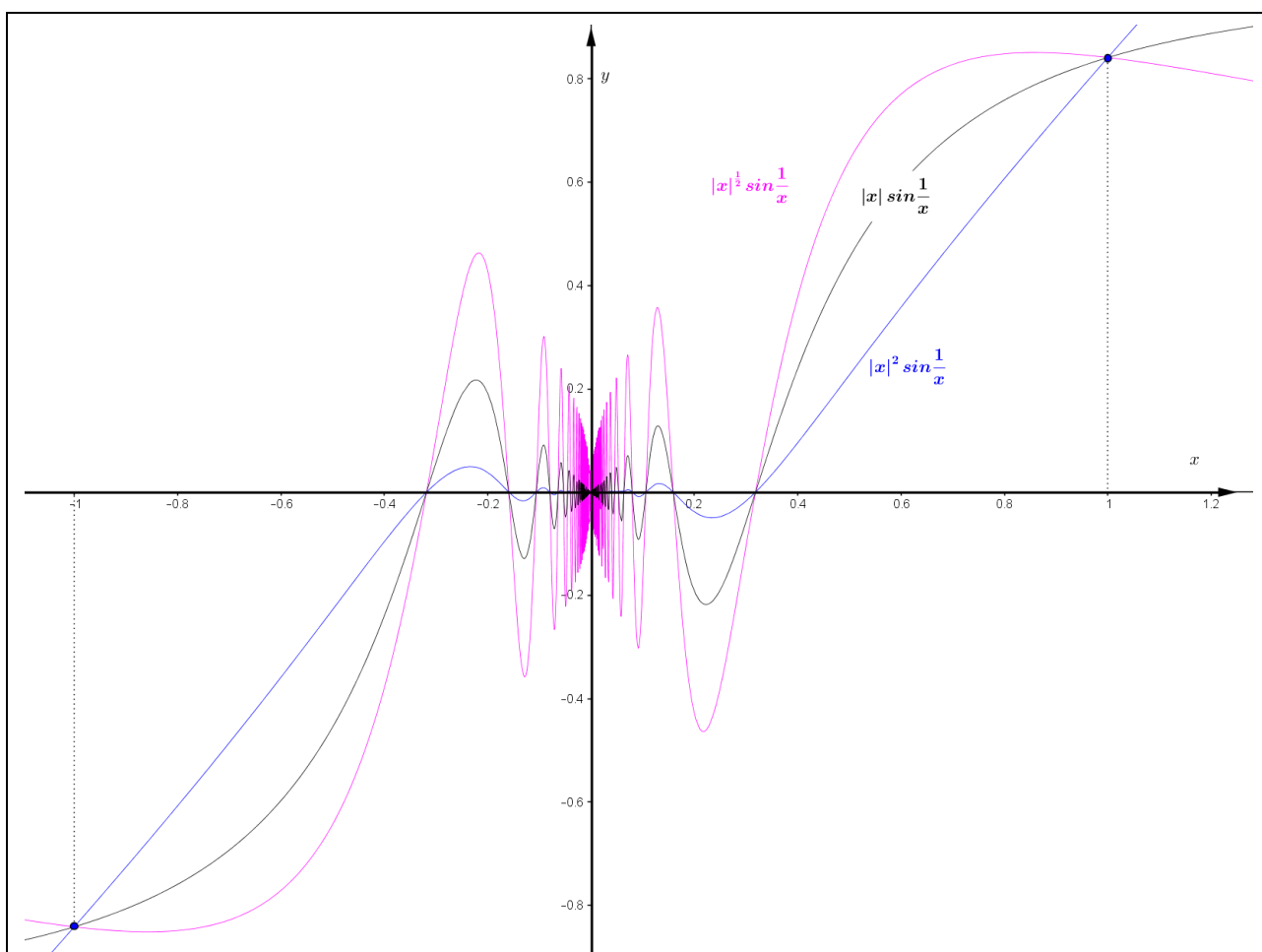
$$f(x) = |x| \sin \frac{1}{x}, \quad x \in \mathbb{R} \setminus \{0\}$$



$$f(x) = |x|^2 \sin \frac{1}{x}, \quad x \in \mathbb{R} \setminus \{0\}$$



$$f(x) = |x|^\alpha \sin \frac{1}{x}, \quad x \in \mathbb{R} \setminus \{0\}$$



$$f(x) = |x|^\alpha \sin \frac{1}{x}, \quad x \in \mathbb{R} \setminus \{0\}$$