

$$\sin(x) \leq 1 \tag{1}$$

$$\arctan(+\infty) = \frac{\pi}{2} \tag{2}$$

$$\sin(x) \leq 1 \tag{3a}$$

$$\arctan(+\infty) = \frac{\pi}{2} \tag{3b}$$

$$\sin(x) \leq 1$$

$$\arctan(+\infty) = \frac{\pi}{2}$$

$$\sin(x) \leq 1 \tag{4}$$

$$\arctan(-\infty) = -\frac{\pi}{2} \tag{5}$$

$$\sin(x) \leq 1$$

$$\arctan(-\infty) = -\frac{\pi}{2}$$

$$f(x) = \begin{cases} x^3 & \text{se } x \geq 0 \\ 0 & \text{se } x < 0 \end{cases} \tag{6}$$