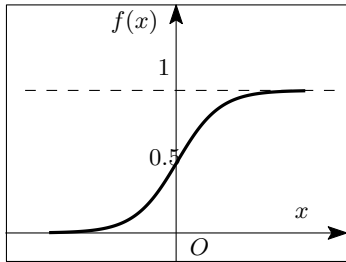


单极型Sigmoid函数

$$f(x) = \frac{1}{1 + e^{-x}} \quad f'(x) = f(x)(1 - f(x))$$



双极型Sigmoid函数

$$f(x) = \frac{1 - e^{-x}}{1 + e^{-x}} \quad f'(x) = \frac{2}{1 + e^{-x}} \left(1 - \frac{1}{1 + e^{-x}} \right)$$

