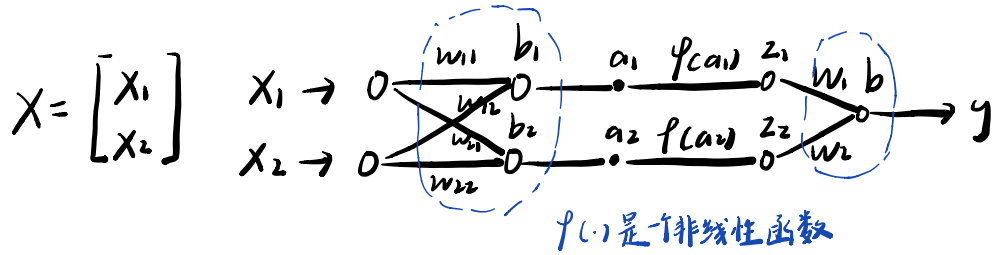


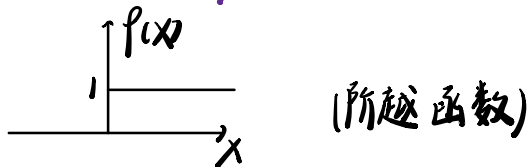
多层神经网络 (Multiple Layer Neural Networks)



$$\begin{cases} a_1 = w_{11} \cdot X_1 + w_{12} \cdot X_2 + b_1 \\ a_2 = w_{21} \cdot X_1 + w_{22} \cdot X_2 + b_2 \\ z_1 = f(a_1) \\ z_2 = f(a_2) \\ y = w_1 z_1 + w_2 z_2 + b \end{cases}$$

$$y = w_1 f(w_{11} X_1 + w_{12} X_2 + b_1) + w_2 f(w_{21} X_1 + w_{22} X_2 + b_2) + b$$

非线性函数 $f(x)$ 是什么?



↑ 可处理所有非线性模型