多层神经网络(Multiple Layer Neural Net works)

$$X = \begin{bmatrix} X_1 \\ X_2 \end{bmatrix} \quad \begin{array}{c} X_1 \rightarrow 0 \\ X_2 \rightarrow 0 \end{array} \quad \begin{array}{c} w_{11} & b_1 \\ w_{12} & a_2 & f(a_1) & a_2 \\ w_{12} & 0 & w_{13} \end{array} \quad \begin{array}{c} y_1 \\ y_2 \\ y_3 \\ y_4 \end{array} \quad \begin{array}{c} y_2 \\ y_4 \\ y_5 \\ y_6 \end{array} \quad \begin{array}{c} y_1 \\ y_4 \\ y_5 \\ y_6 \end{array} \quad \begin{array}{c} y_2 \\ y_5 \\ y_6 \\ y_6 \end{array} \quad \begin{array}{c} y_1 \\ y_1 \\ y_2 \\ y_3 \\ y_4 \end{array} \quad \begin{array}{c} y_2 \\ y_1 \\ y_2 \\ y_3 \\ y_4 \\ y_6 \\$$

y= WIf(WIIXI+WIZ XL+b)) + Wzf(Wz)XI+WzzXz+b)

可处理所有非线性模型