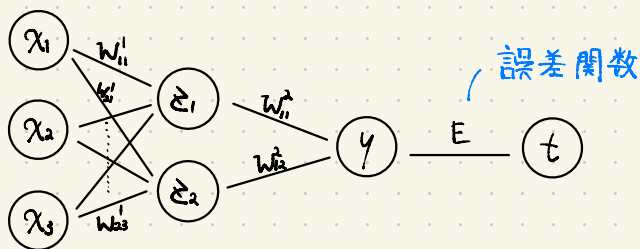


## STEP 5



$$z_1 = \sigma(w_{11}^1 x_1 + w_{12}^1 x_2 + w_{13}^1 x_3 + b^1)$$

$$\sigma(u) = \frac{1}{1 + e^{-u}}$$

$$y = f(w_{11}^2 z_1 + w_{12}^2 z_2 + b^2)$$

$$f(v) = v$$

$$E = \frac{1}{N} \sum_{i=1}^N (y_i - t_i)^2 \rightarrow \text{TW 2 Ba 式 2 表 23}$$

## STEP 7

