

$$N \in \{0, 1, 23\}$$
 $N \to 2$ 
 $P_0, P_1, P_2$ 
 $P_0, P_1, P_2$ 
 $P_1, P_2, P_3 \in [0, 1]$ 
 $P_1, P_2, P_3 \in [0, 1]$ 
 $P_2, P_3 \in [0, 1]$ 
 $P_3, P_2, P_3 \in [0, 1]$ 
 $P_4, P_2, P_3 \in [0, 1]$ 
 $P_4, P_4, P_4, P_5$ 
 $P_5, P_1, P_2, P_3 \in [0, 1]$ 
 $P_6, P_$ 

$$g(x) = \overline{w}^T x + w_0$$

$$Goard : Find \overline{w} \text{ and } w_0. \quad W = \begin{bmatrix} w_0 \\ \overline{w} \end{bmatrix}$$

$$weight$$

$$vockst$$

$$bous$$

$$V = \begin{bmatrix} y_1 \\ y_2 \end{bmatrix}$$

$$V = \begin{bmatrix} y_2 \\ y_3 \end{bmatrix}$$

$$V = \begin{bmatrix} y_2 \\ y_4 \end{bmatrix}$$