

$$\begin{array}{cccc}
 & \left(\begin{array}{cccc} P & \overrightarrow{X}_{P} & \overrightarrow{X}_{T} \\ \hline
 & \left(\begin{array}{cccc} P & \overrightarrow{X}_{P} & \overrightarrow{X}_{T} \\ P & \vdots & \ddots & \vdots \\ \hline
 & A & \overrightarrow{W} & = b \end{array} \right) & \overrightarrow{A}_{P} & \overrightarrow{A}_{P$$

Feature transformation

$$X \longrightarrow f(x)$$

General Case

$$\frac{1}{4} = \begin{bmatrix} \frac{1}{4} \\ \frac{1}{4} \end{bmatrix} \quad \frac{1}{4} = \begin{bmatrix} \frac{1}{4} \\ \frac{1}{4} \end{bmatrix}$$

$$G(\tilde{M}) = \sum_{p=1}^{p} (\tilde{A}_{p} \tilde{M} - \tilde{A}_{p})^{2}$$

$$Ax = b$$