

2. Find the equation f(x) = ax + b of the least square line for the points (1,0), (-1,2), (2,1).

$$W' = A - \frac{\langle M^2 M^2 \rangle}{\langle M^2 M^2 \rangle} M'$$

$$M^{3} = \langle \Lambda_{x}^{y} \rangle - \frac{\langle M', M' \rangle}{\langle M', M' \rangle} \langle M'M'$$

$$\begin{bmatrix} 9 & 1 \\ -1 & y \\ 1 & 0 \end{bmatrix}$$

ARXY 2 MAL WALLOWER

$$A = \begin{bmatrix} 1 & 3 \\ -1 & 3 \\ 2 & 1 \end{bmatrix}$$

 $A^T \cdot A \times = A^T b$

$$\begin{bmatrix} 1 & -1 & 3 \\ 0 & 3 \end{bmatrix} \begin{bmatrix} 0 & 0 \\ 0 & 5 \end{bmatrix} = \begin{bmatrix} 1 & -1 & 2 \\ 0 & 2 & 1 \end{bmatrix}$$

$$\int f(x) = 30x - \lambda$$