$$| M(x) = \frac{1}{n} \sum_{i=1}^{N} x_i$$

$$| M(a + bx) = \frac{1}{n} \sum_{i=1}^{N} (a + bx)$$

$$\sum_{i=1}^{\infty} \alpha_i + \frac{1}{2} \sum_{i=1}^{\infty} b_{X_i}$$

$$\sum_{i=1}^{\infty} \left( \frac{1}{2} \sum_{i=1}^{\infty} x_i \right)$$

$$\left(\frac{1}{n} \stackrel{?}{Z}_{1} x\right)$$

Lover, atby) = 1 % (k: max) · ((atby) - matby)

= 1 1/2 (x; -m(x)) · (atby; -a -bm(y))

$$= \frac{1}{N} \sum_{i=1}^{N} (x_i - m_{ix}) \cdot (b_i y_i - m_{iy})$$

$$= bx \left( \frac{1}{N} \sum_{i=1}^{N} (x_i - m_{ix}) \cdot (y_i - m_{iy}) \right)$$

3)

= b2 52











