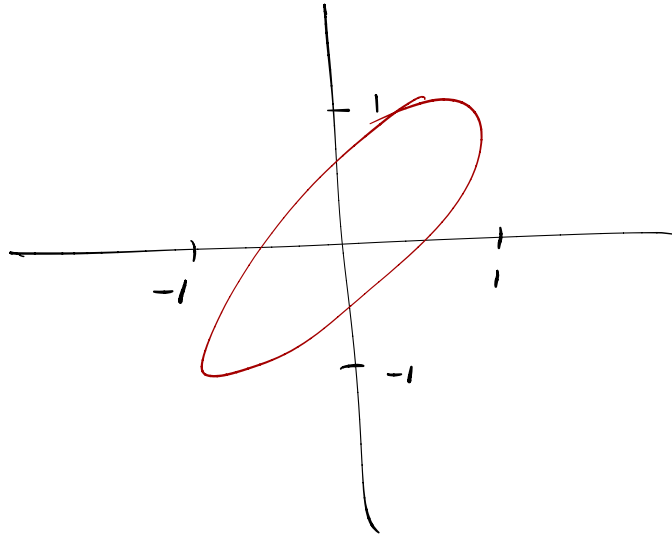


$A_1 \quad A_2 \quad \dots \quad A_n$

$$A_i^* = \frac{A_i - \mu_A}{\sigma_A}$$

$B_1 \quad B_2 \quad \dots \quad B_n$

$$B_i^* = \dots$$



$$r = \frac{A_1^* \cdot B_1^* + A_2^* \cdot B_2^* + \dots + A_n^* \cdot B_n^*}{n}$$

$$B^* = r \cdot A^*$$

↑



$$\frac{B - \mu_B}{\sigma_B} = r \cdot \frac{A - \mu_A}{\sigma_A}$$

$$B = \mu_B + r \cdot \frac{\sigma_B}{\sigma_A} (A - \mu_A)$$

$$B = \mu_B - r \frac{\sigma_B}{\sigma_A} \mu_A + r \frac{\sigma_B}{\sigma_A} \cdot A$$