$$b = 1$$
 (pax) v_{00} , $(v_{10})^{v_{00}} = 5$
 $Q = 5$ ($v_{11}^{(1)}$) $v_{00}^{(1)}$, $(x_{11}^{(1)})^{v_{00}}$

$$\overline{X} = \frac{1}{4} (1+5+5+1) = 3$$
 $\overline{Y} = \frac{1}{4} (4+1+6+1) = 3$

$$Y = \frac{1}{4}(4+1+6+1) = 3$$

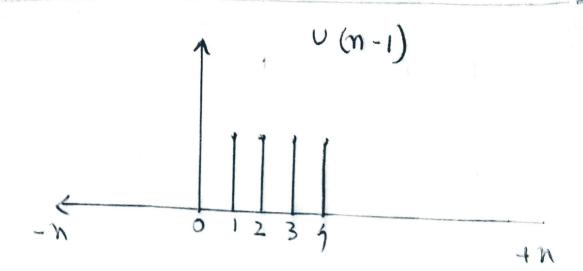
Convariance Madries

$$\operatorname{cov}(\mathbf{x},\mathbf{x}) = \frac{1}{N+1} \sum_{k=1}^{N} \left(\mathbf{x}_{1k} - \mathbf{x} \right)^{\nu}$$

$$=\frac{1}{3}\left\{ (1-3)^{2}+(5-3)^{2}+(5-3)^{2}+(1-3)^{2}\right\}$$

$$=\frac{1}{3}\times 16$$

$$cov(x_{1}y) = \frac{1}{N-1} \sum_{k=1}^{N} (x_{1}k + 1x) (y_{1}k + 1x) (y_{1}$$



$$\Gamma(n) = \begin{cases} n, & n \geq 0 \\ 0, & n < 0 \end{cases}$$

