$X = (x_1, x_2)$

$P(x_1 = 1) = 0.4$

$P(x_1 = 2) = 0.6$

$P(x_2 = 0) = 0.5$

$P(x_2 = 1) = 0.5$
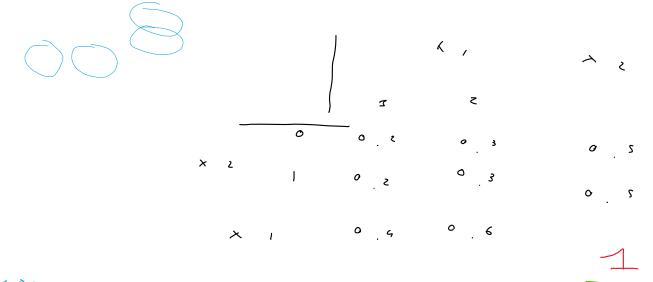
MEDIA

$E(X_1) = 1 \cdot 0.4 + 2 \cdot 0.6$

$= 0.4 + 1.2$

$= 1.6$

$E(X_2) = 0 \cdot 0.5 + 1 \cdot 0.5$

	x_1	2	T 2
0	0.2	0.3	0.5
x_2 1	0.2	0.3	0.5
x_1	0.4	0.6	

1

INCOGNITA

$\dfrac{0.5 \cdot 0.4}{1} = 0.2$

$0 \quad 2 \quad \dfrac{0.5 \cdot 0.6}{1} = 0.3$

$1 \quad 1 \quad \dfrac{0.5 \cdot 0.4}{1} = 0.2 \quad \times 2 \quad \times 1$

$1 \quad 2 \quad$

$\dfrac{0.5 \cdot 0.6}{1} = 0.3$

$0 \quad 1$

$$= 0.5$$

$$E(x_1^2) = 1^2 \cdot 0.4 + 2^2 \cdot 0.6$$

$$= 0.4 + 2.4$$

$$= 2.8$$

$$E(x_2^2) = 0^2 \cdot 0.5 + 1^2 \cdot 0.5$$

$$= 0.5$$

$$2.8 - (1.6)^2$$

$$= 2.8 - 2.56$$

$$= 0.24$$

Vero

Vero

$P(x_1 = \quad P(x_2 = \quad = \quad =$

$P(X_1 = \quad P(X_2 = \quad = \qquad\qquad = \qquad$ Vere

$P(X_1 = \quad P(X_2 = \quad = \qquad\qquad =$ Vere

NoN

1)   1   0.4   0.5   0.2

2)   1   0.6 $\cdot$ 0.5   0.3