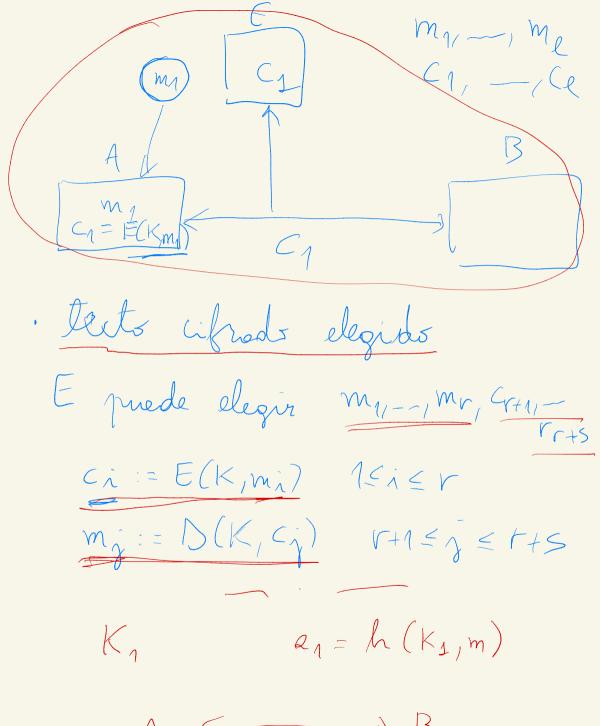
23-3-21 C:=E(Kim) m: texto plans C: texts cifrods · telts afrods: c · texts plons: (m,c) · teuto plono elegido m₁, _, me (Ei) E(K, mi)



$$K_{1}$$

$$K_{2} = h(K_{1},m)$$

$$Q_{1} = h(K_{2},m)$$

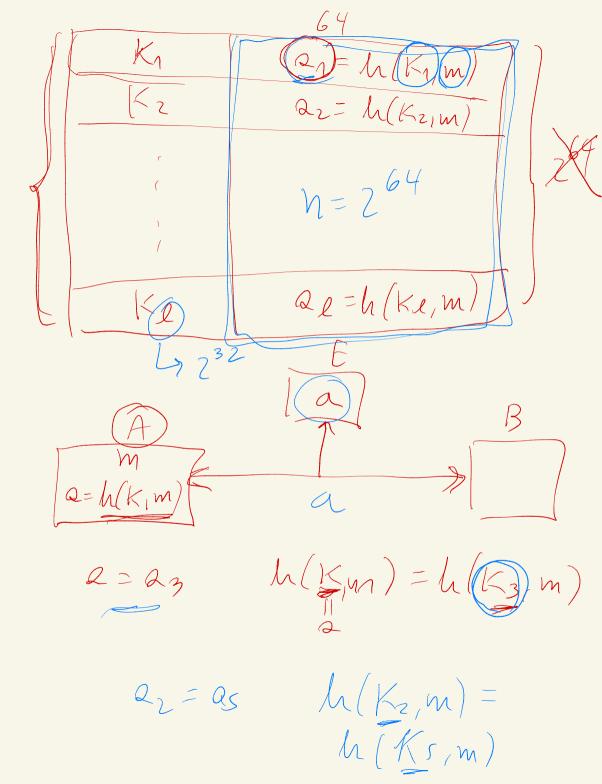
$$Q_{2} = h(K_{2},m)$$

$$Q_{3} = h(K_{1},m)$$

$$Q_{4} = h(K_{1},m)$$

$$Q_{5} = h(K_{1},m)$$

$$Q_{6} = h(K_{1},m)$$



Pr (k persones nocietan en días distintos)

=
$$\frac{(365-0)(365-1)}{365}$$
 $\frac{(365-2)}{365}$ $\frac{(365-(14))}{365}$ $\frac{(365-(14))}{365}$ $\frac{(365-2)}{365}$ $\frac{(365-2)}{365}$ $\frac{(365-2)}{365}$ $\frac{(365-2)}{365}$ $\frac{(365-2)}{365}$ $\frac{(365-2)}{365}$ $\frac{(365-2)}{365}$ $\frac{(365-2)}{365}$ $\frac{(365-2)}{365}$

 $Pr\left(X=4\right) = \frac{m-0}{n} \left(\frac{n-1}{n}\right) \left(\frac{n-2}{n}\right) \cdot \frac{3}{n}$ $1 \quad 2 \quad 3 \quad 4$

$$Pr(X = 4) = (1-p)^{3} \cdot p$$

$$Pr(X = n+1) = \frac{(n-0)(n-1)}{n} \cdot \frac{(n-(k-1))}{n}$$

$$= \frac{1}{n} \cdot \frac{1}{n} \cdot \frac{1}{n} \cdot \frac{1}{n}$$

$$= \frac{1}{n} \cdot \frac{1}{n} \cdot \frac{1}{n} \cdot \frac{1}{n} \cdot \frac{1}{n}$$

$$= \frac{1}{n} \cdot \frac{1}{n} \cdot \frac{1}{n} \cdot \frac{1}{n} \cdot \frac{1}{n} \cdot \frac{1}{n}$$

$$= \frac{1}{n} \cdot \frac{1}{n} \cdot \frac{1}{n} \cdot \frac{1}{n} \cdot \frac{1}{n} \cdot \frac{1}{n}$$

 $Pr\left(X=n+2\right)=0$ $E\left(X\right) \approx \sqrt{n}$