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ı					U		

Вероятночое пр-во

52-71-61 4CX 0161 (Blingsehre opna una MoreTku)

Р- зиск. плотность верогт-и

 $p: \Omega \rightarrow [0, 1] \cup \sum_{w \in \Omega} p(w) = 1$

JUCKP. Report np-Bo: II- Konern unu crein.

1/p.:

1) reg-al vohera

1 = { 0, 1 }

 $\rho(0) = \rho(1) = 1/2$

2) HERECTH MOHETG

l = {0,1}

 $\rho(1) = \rho \neq \rho(0) = 9, \quad \rho + 9 = 1$

3) rea. urp-ae Kocob

St = { 1, 2, 3, 4, 5, 6}

p(W)=1/6

(u cryzań Hoe cod 617 ve)

Codutue - Mekotopoe un-lo an ucropol

ACSZ

BEPORTHOLD COSSITUR: P(A) = E p(W) unu [P(A) unu P, (A)

$$P(E) = \{2,4,63\}$$

$$P(E) = p(2) + p(4) + p(3) + \frac{1}{2}$$

$$P(E) = p(2) + p(4) + p(3) + \frac{1}{2}$$

$$P(E) = 0 + \frac{1}{2}$$

$$P(E) = 0 + \frac{1}{2}$$

$$P(E) = 0 + \frac{1}{2}$$

$$P(E) = \frac{1}{2}$$

$$P(E = E) = \frac{1}{2}$$

pour beginne begoet-blx np-b.

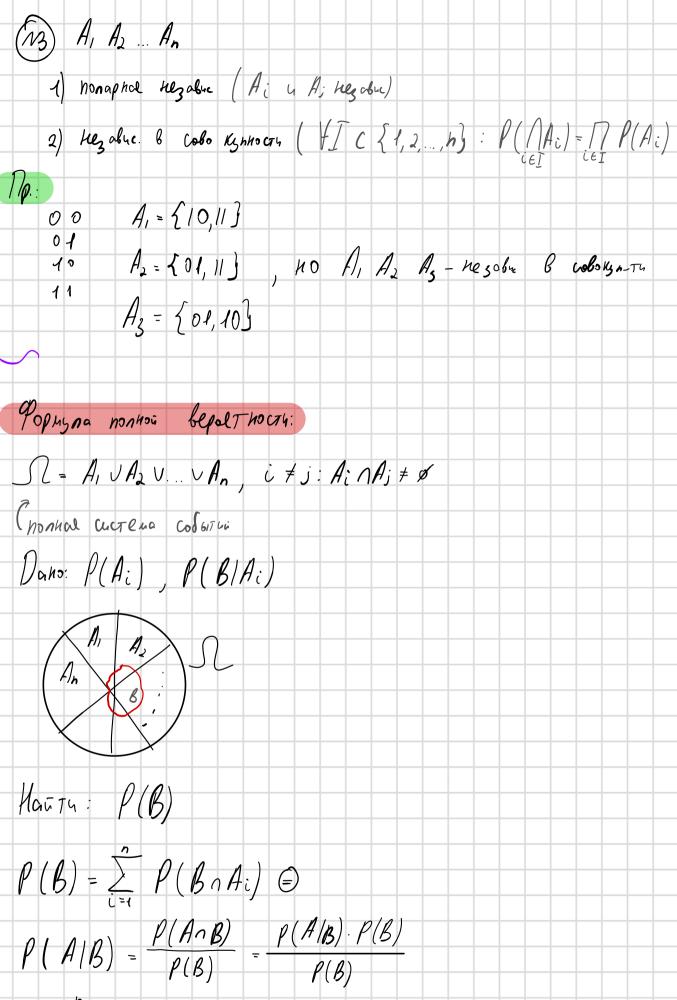
$$\begin{array}{ccc}
S_{1}, \rho, & S_{2} = S_{1} \times S_{2} \\
S_{2}, \rho_{2} & \rho\left(\langle \omega_{1}, w_{2} \rangle\right) = \rho_{1}(\omega_{1}) \cdot \rho_{2}(\omega_{2})
\end{array}$$

$$\rho\left(\langle \omega_{1}, \nu_{2} \rangle\right) = \rho_{1}(\omega_{1}) \cdot \rho_{2}(\omega_{2})$$

leope ma:

A, x
$$\Omega_2^{\text{e}}$$
 4 Ω , $\times A_2$ - HCz ab u cur bie

$$= \sum_{\alpha \in A_1} \rho_1(\alpha) \left(\sum_{\alpha \in A_2} \rho_2(\beta) \right) = \rho_1(A_1) \cdot \rho_2(A_2)$$



€ ∑ P(B/Ai). P(Ai) ← popuyna nonHoù

bepost no cru

$$P(A_{j}|B) = \frac{P(A_{j} \cap B)}{P(B)} = \frac{P(B|A_{j}) \cdot P(A_{j})}{\sum_{i=1}^{n} P(B|A_{i}) \cdot P(A_{i})} \leftarrow \text{gopuson} \quad \text{Equipos}$$

$$P(A/B) = \frac{0.6 \cdot 0.02}{0.6 \cdot 0.02 + 0.04 \cdot 0.08} \approx \frac{12}{12+40} = 0.23$$