Ineplep NI (Jup 1) 1) Thochanesto Incurrapusix cuex opol najorbannas cuma necibo SI cogepnayel bu Bojnomme ige west 2) Mis, T.x De Gammonimus arroyne nergen 3) $\Omega = \{1,2,3,4,5,6\}$ 4) AUBUC 5) (-0;0) um (1;+0) Momes Does 4 1 4 0 Parua 1 8) Bornemos comproper beforeshory noene nan nangreno znamma o pegges ratex Jeonepumenta,

9) 1 & n non pabrobeporerrors meniorisaporors menopumerios

Упр 21 Допуским про выпадает на n-от эксперитент, гозда Ω-{1, 01, 001, 0001, ..., 0....1, 3

$$P(VA_i) = EP(A_i)$$

1) B = A V(B(A;)P(B) = P(AV(B(A))) = P(A) + P(B(A) > P(A)

2)
$$P(A \cup B) \leq P(A) + P(B)$$

$$P(A \cup B) = P(A \cup (B \setminus A)) = P(A) + P(B \setminus A) \leq P(A) + P(B)$$

$$P(B \setminus A) \leq P(B) \quad \text{Before no 1 synasy}$$

beparances or beginning buya < ayume supermitien

· Cepaemocou pasnor, noya costrons ne repecuasasus.

- nperybyena na evanne 19(70) H2- apayleyena na 2coanne P/3 Myesto A- numerine coopissie $P(A) = \frac{7}{10} \cdot \frac{4}{100} + \frac{3}{100} \cdot \frac{1}{100} - \frac{28}{1000} + \frac{3}{100} = \frac{31}{1000}$ 0,031 ygeme opyrano xopomus, ou P(H, A) = P(H, A) - P(H,) P(A)H,) + P(H2) P(A)H2 P(H) = 0,95 P(H2) = 0,05 IP(A/H,) = 0,05 TP(A/H2) = 0,8

$$= \frac{\frac{4}{10}}{\frac{9}{10} \cdot P(A/H_1) + \frac{12}{100} \cdot P(A/H_1 H_2) + \frac{6}{10} \cdot \frac{8}{10} \cdot \frac{1}{10} \cdot \frac{P(A/H_1 H_2)}{1}}{\frac{1}{1}}$$

$$=\frac{\frac{4}{10}}{\frac{4}{10}+\frac{12}{1000}}=\frac{400}{\frac{400}{1000}}=\frac{400}{\frac{400}{1000}}=\frac{400}{\frac{400}{1000}}=\frac{400}{\frac{400}{1000}}=\frac{400}{\frac{400}{1000}}=\frac{400}{\frac{400}{1000}}$$