

Лысцев Никита ИУ7-53Б

06 Ноября 2023

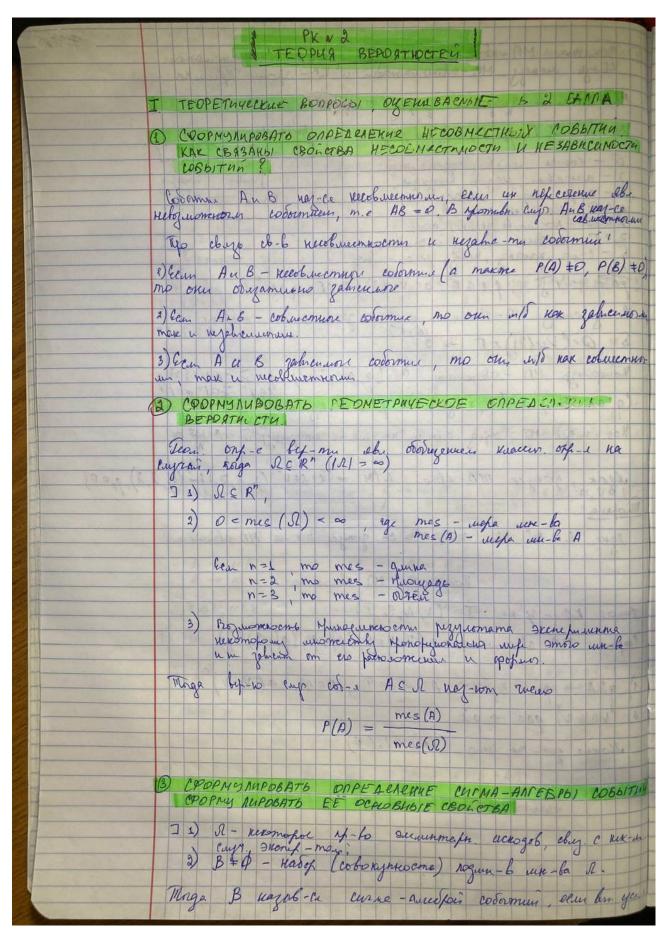


Рисунок 1 – Вопросы 1-3

```
(2) Ean A = B, mo A = B;
(2) Ean A, B, EB, mo A, + ... + A, + ... & B
        Ocnobine cb. la (resecondise) en orpeg-a curaca-assessor 1
     1 Ste B

2° De B

3° Cen A, An EB mo A...An ...EB

4° Cen A, B & B', mo A B & B
     (4) CROPHY INPOBATO AKCHONATHY OCKOE ONPEDENCHUE BEPORTHOCTU.
              2) B - curus - arceps zagannas has a.
       Moga lepoimmocmon (bepoimmocmnon nepon) reas-ce que
                                                                                                                                   PiB -> R
     oluag. Ruez eb-sen!
     1. + A & B P(A) > D (axanona neompryamenencemu)
2º P(R) = 1 (axanona neompryamenencemu)
3º Ecm = A, , A, , - nonepus necobnicmen codormia, mo
                                                                                    P(B, + .. + A, + ...) = P(B,) + ... + P(An) + ... (pacumpinuae
                                                                                                                                                                                                                                                                                                                                           Chomeener)
         Ochobure ch-la lif-min:
  1. P(A) = 1 - P(B).

3. P(A) = 0.

3. P(A) = 0.

4. P(A) = 0.

4. P(A) = 0.

5. P(A + B) = P(A) \le P(B).

5. P(A + B) = P(A) + P(B) - P(A \cdot B), P(A \cdot B) = 0.

6. P(A + B) = 0.

6. P(A) = 0.

7. P(A) = 0.

8. P(A) = 0.

9. 
                                                                        P(A_1 + ... + A_n) = 
= \sum_{i=1}^{n} P(A_i) - \sum_{1 \leq i \leq n} P(A_i \cdot A_i) + 
1 \leq i \leq n
                                                           + \( \bigg| P(\beta_1 \cdot \beta_2 \cdot \beta_1) + (-1) P(\beta_1 \cdot \cdot \beta_n) \\
\[ \frac{1 \leq (1 \cdot \beta_n \cdot \
BEPORTURETA AKCHONES CHOKE MUG BEPORTUROCTEM PACINIPPORTURED AKCHONES CHOKE HUS BEPORTUROCTEM U ANCHONES KETHERSIBHOCTEM BEPORTUROCTEM U ANCHONES KETHERSIBHOCTEM BEPORTUROCTU
        Accused Comenie.
  Due & Konornon reasofa nonapro recoluciemente colomuni Az, An copalgunto?
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Рисунок 2 – Вопросы 3-5

```
P(A3+1-+An) = P(A3)+1+P(An)
  Accading nespepalaro emil
Die V ucy inbanquen hoen-mi consmus A, E A, E ... E An C u wol-e A = A, + A, + ... + Bn + ...
                   P(A) = \lim_{n \to \infty} P(A_n)
  Jacem perna e akuoma cumenna
  Ecm I As, ... An, ... - nonafus ucobucemene colormul, mo
             P(A,+..+ P, +...) = P(A,) + ... + P(Ap) + ...
  Chips mengy music
Рассинфинае октона спотемия экванить оксионе
6) CROPHYMUPOBATE COPPEDENEUNE SCHOBLION BEPORTHOCTH
    WEE OCHOBREDIE CBOLCIBA
  2) Bab - 2 col-e, chajaneure e oguen cuy man;
a) Boronnumeurono infremus, mo 6 forme mentp-ma
programo col-d B.
Maga yearboon by no ouyerearbo col- P you yearboon P(A|B) = \frac{P(AB)}{P(B)}, P(B) \neq P
  Occurbane cb-la year fig-men
  ] 1) 3apuxey no cole B, P(B) +0;
2) P(AB) +- ae non q-yn colormue A.
  Morge P(18) doug been chin degree box mus
1° P(A/B) = 0

8° P(R/B) = 1

3° ∀ nonepus mesolin cod. As, ..., An,
             P(B+ + + P+ 18) = P(B, 18) + + P(B, 18)
T) COOPMYNUPORATE TEOPENIS O POBLYMAX THROXEHUS BEPOSTURETED AND 2-X COBUTAIN 4 AND REOUSBONSHOTO WICH COBUTAIN
THE PODMINAS WINDLEMMA BEDOGENOCTION 419 2-X COBSITHIN
  2) 1 A 3 - cohamus
 Maga
                    P(AB) = P(A) P(BIA)
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Рисунок 3 – Вопросы 5-7

```
11th Popujus yapomeuns beforemen comeis que n colormuis
   7 1) A, A, - coromin. , 2) P(A, ... An) > 0;
   Mage P(A. ... An) = P(A) P(B, A) P(A, A, A).
  EN LESABUCINACIO ABUX COBOTTAL CRAZALIO C SCADBILINA
     BEPOTTHACTAMU UX OCHURCTENERUA!
   7 An B - 2 col-1, obegannore e une-1, engr. Frenchemens
   Colomne An B ray-a regahermone, even P(AB) = P(A) P(B)
   1) ] P(B) >0
   Morge An B unaherum (=> P(BIB) = P(A)
   2) 3 P(A) >0
     Maga A & B ugaherum ( ) P(B/A) = P(B)
(9) CODPMY MEDBATS OFFRE CHERUL MONAPHO KESABULENMIN COBUSTYM LESABULENMIN B COBOLYPHOCEN LAK IT CS-BA
LBF3BUG MEXAY COBOL ?
P(A, A) - P(A) P(A), it j ij ett, n}
воботи А. В обежуписти, сем сида. Экспериментом, наз-ге
  + k ∈ {2, ..., n}, ++ i, = ... < i, ego i; € {1, ..., n}, j € 1, k bon - cu
        P(A: ... P(A:) = P(A:) ... P(A:)
 Chego cb-b wengy colors
uyelicium horapus. The smen objemno wilefus.
(10) EXPORMS NUPOBATE OFFEL ENERGY ROTHERS PRYPOSE LOBBITURE BEPLUS AN 4THO REKOTORDE RESTORM 43 NOTHER MYTOM HOTEL BOTTO HESTIBLEMANDING
7 12 - 1/2- Ro 91. Werogob che - 2 c ma- a cup. sken-mon, a (10, 13, P) - hep-c 1/2- ho smoo cup - 20 sken-ma.
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Рисунок 4 – Вопросы 7-10

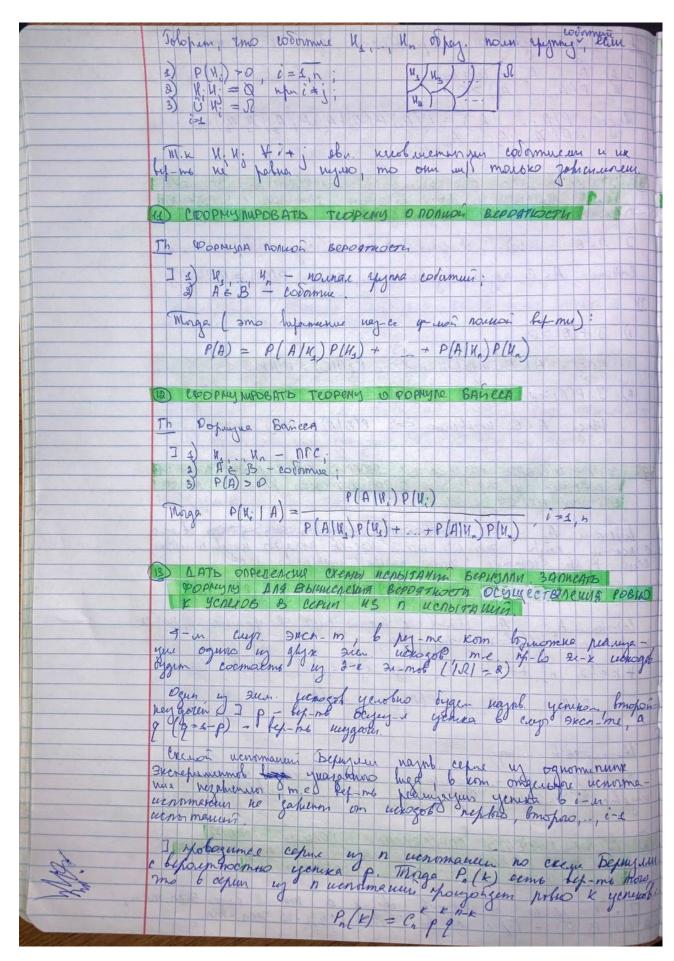


Рисунок 5 – Вопросы 10-13

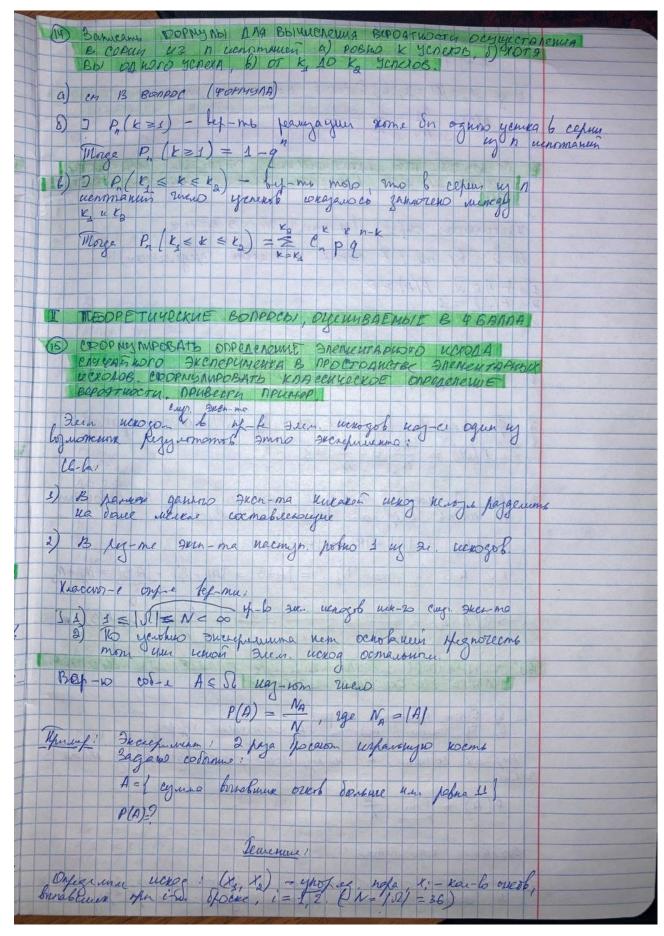


Рисунок 6 – Вопросы 14-15

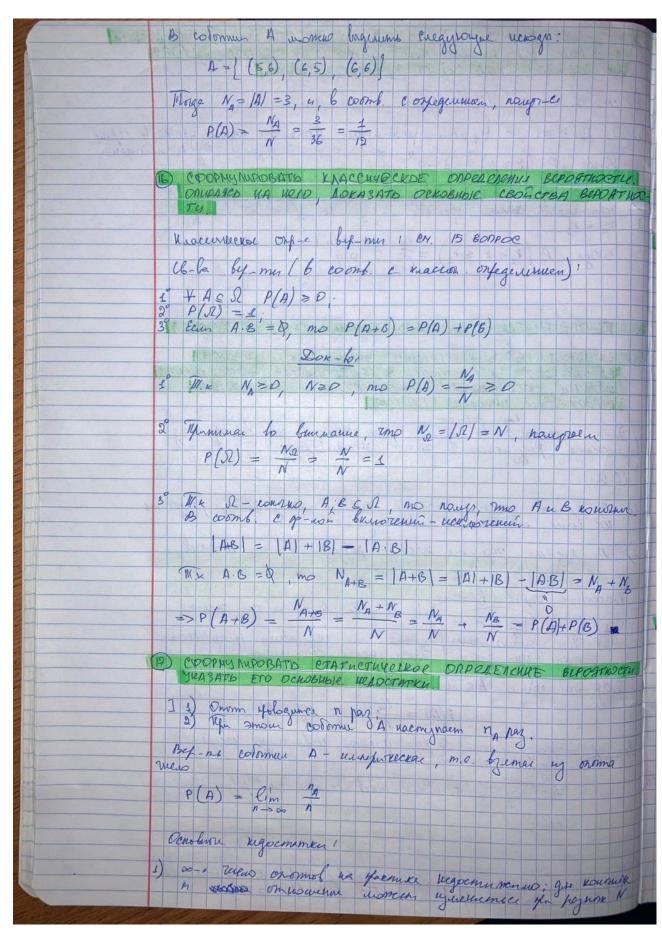


Рисунок 7 – Вопросы 15-17

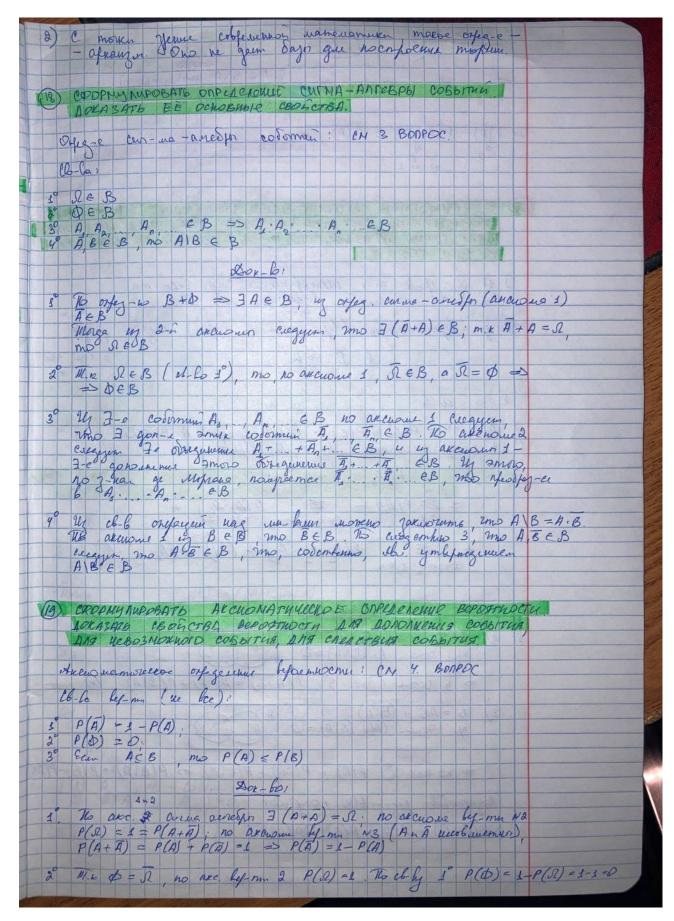


Рисунок 8 – Вопросы 17-19

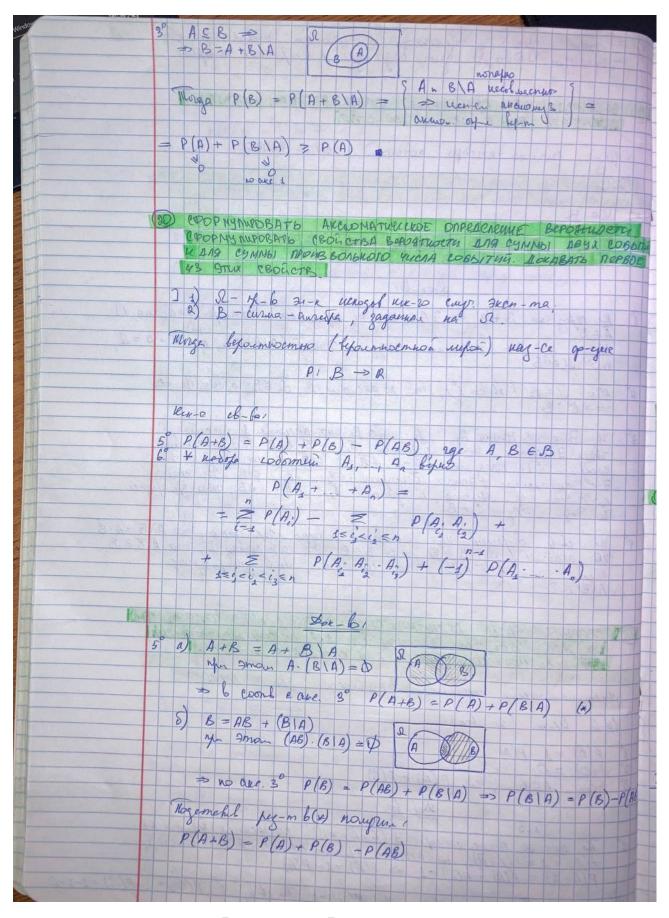


Рисунок 9 – Вопросы 19-20

```
CROPMY IMPOBATE ONDERENEUNC YCHOBRON BEPOST WOCTH, LOXA 3ATE
                        4TO OUR YOOBNETBODGET
ane lef n 3 = (cb-ho yumme e 1 = (cb-ho yumme e 1 = (cb-ho yumme e 1 necessaria)
             = P(A, 1B) + ... + P(A, 1B) .
         (2) APTASATE TEOPENEN O POPHYNAX YMPOXEKUE WUR IN
                         COBDIDAL U DAS DEOUSBONDHOLD VUCAR COBBITUR
         Th Pres gunorement beformers que 2-x colonners

] 1) AB - colonners;

2) P(A) >0
                  Maga P(AB) = P(A) P(B(A)
            Me P(A) > 0, mo orfegenera ye. fig-me P(B|A) = \frac{P(B|A)}{P(A)} by The Curgyen P(AB) = P(A) P(B|A)
     The Popular yumane by men que a communical A_{n} = A
                                                                                                                   DOK-61
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Рисунок 10 – Вопросы 21-22

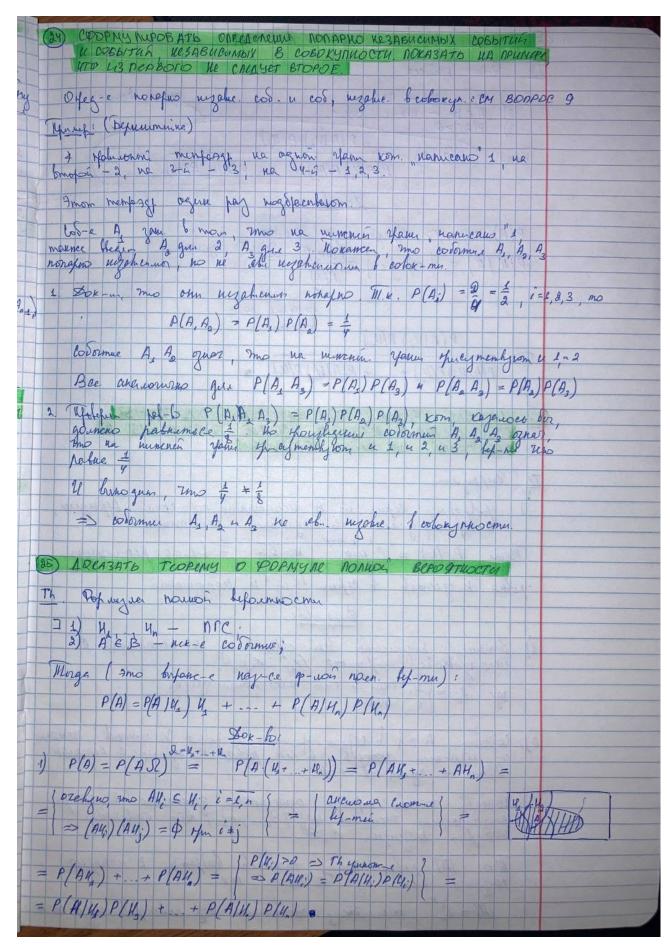


Рисунок 11 – Вопросы 24-25

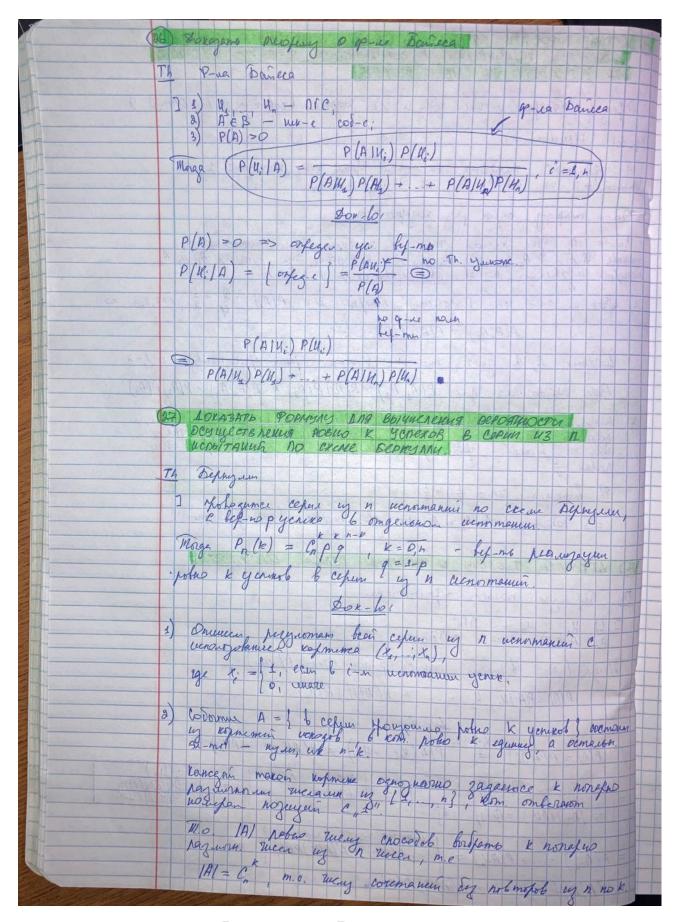


Рисунок 12 – Вопросы 26-27

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3) 7-u moughourn copmer us A:

(x, , , x_n) \in A

| large by no to passespan nome moughequeus her copeus:

| P (x_n, x_n) \in = P | \union \u
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Рисунок 13 – Вопросы 27