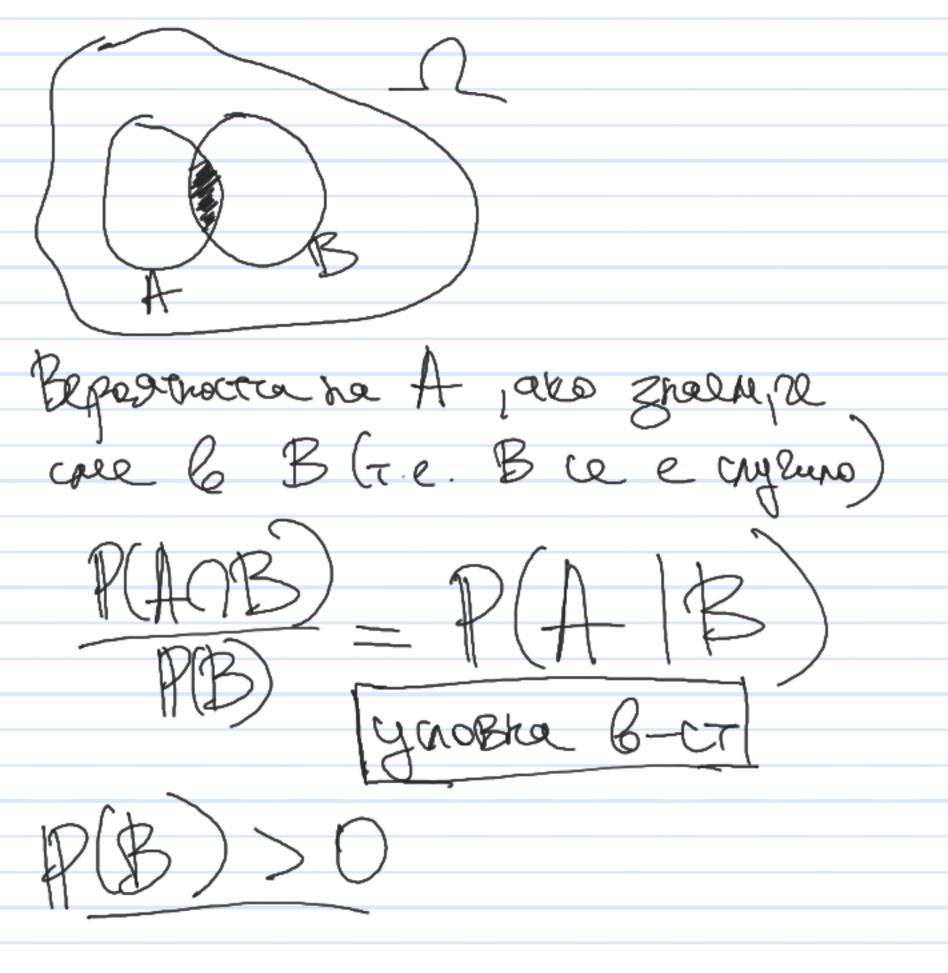
309.8 = [xog str tea repays A= 3 nocempolar > 1 recap J AnB = AUB P(A) = 60 % => P(A) = 40 % P(AUB) = P(A)+P(B)-P(A)B) B = { no comador xupypr} P(AnB)-P(A).P(B(A) P(B)=17% =60%.15%P(or Brako znaen, recort)=15% $=\frac{360}{100}\cdot\frac{15^{3}}{100}$ Barken P(AnB) $=\frac{9}{100}=\frac{9}{0}$ P(A) = P(I)



Au Boan Hezarbucum P(A)-P(B)-P(A)B) ALO P(B)>0, TO DOPROTO P(AnB) = P(A/B) = P(A), re. "Bruse tou A". An Baraguear Kelsburgum, ako P(A-17B) = 0 (unu ANB= Ø) z

P(A)
$$P(B) = \sqrt{P(AB)}$$

=>He a Hezabrana.

299.7

2 ans young X

P(ga yyan u 2-re) = 1/2

2 - X = 1 => X = $\frac{3}{4}$

399. 9 2 3apa P(cynaca 28) Hezertha) A=> Cognara < 83 B= 3 -11- c xuzerag P(A1B)=? Hezabuann nu ca? Penerul: (creg toBa-309 13, 4, 16, 17, 18, 19) Harrigane P(A), P(B), P(AOB) -> P(AMB) - P(AMB) => P(A) P(B)=P(A)B)?

Cyna 2 3 4 5 6 7 8 9 10 11/12 January 1 2 3 4 5 6 5 9 3 2 1 P(A) = 1+2+3+4+5+6 $=\frac{21}{36}=\frac{7}{12}$ $P(B) = \frac{2+4+6+4+2}{36} = \frac{18}{36} = \frac{1}{2}$ $P(AnB) = \frac{12}{36} = \frac{3}{3}$ => $P(A|B) = \frac{13}{12} = \frac{2}{3} = \frac{2+u+6}{3}$ => $P(A|B) = \frac{13}{12} = \frac{2}{3} = \frac{2+u+6}{3}$ P(A).P(B) = 72. 2 + 2 = P(A)B) => re ca rezerencum.

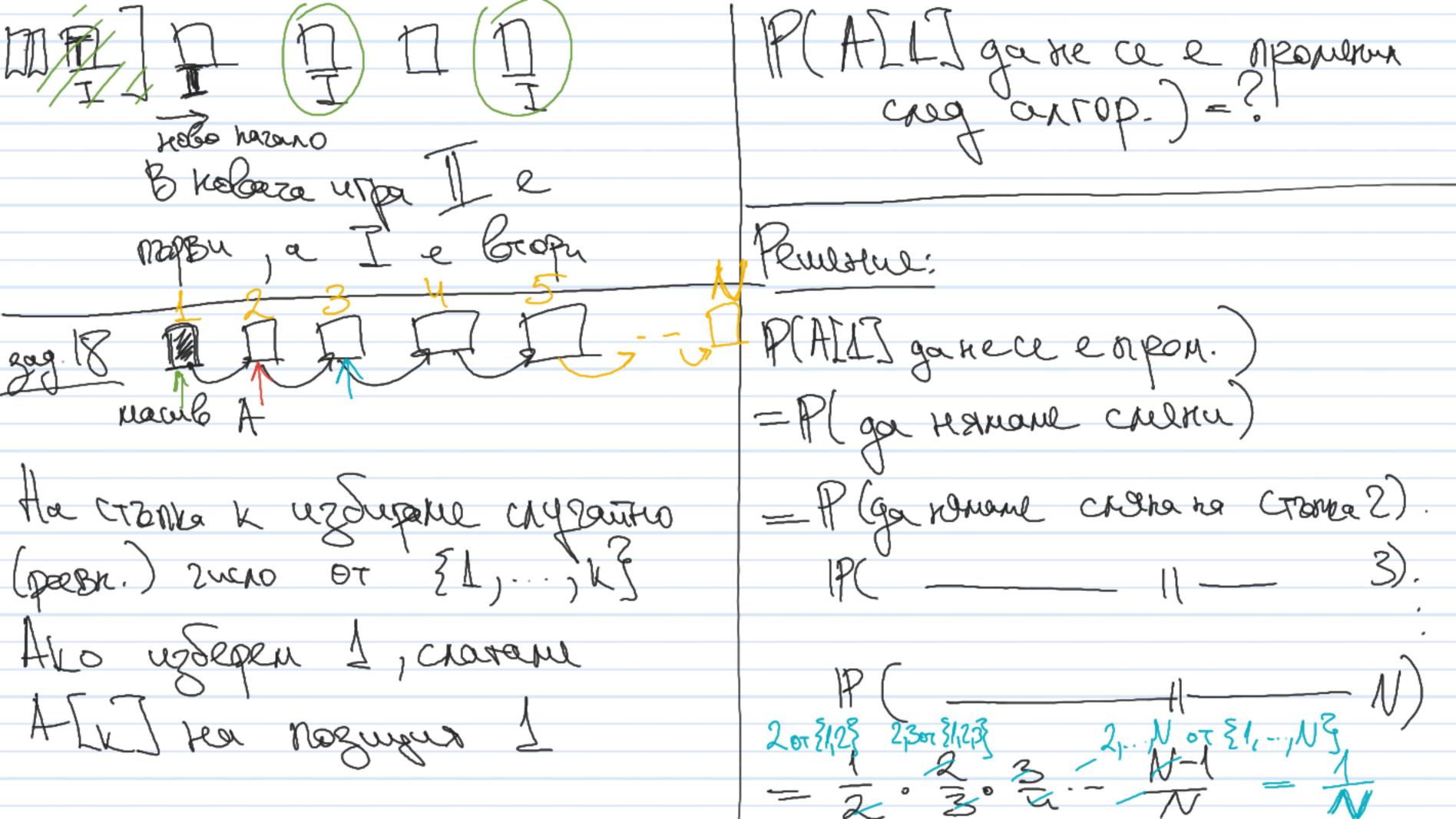
Brez - Dugo Lacar \$ (Aig) = ? P-e: 6.0.0. remere de contant a coccou Branch chylain useans

Epereto y pe

Promea garbaria 3110 0116 1110 \$(4h) Anthe) + .. + P (Antho)

300 B In I ce pegyber. I e napsen Mezeru 1-8t , x Bopmin ezu P(I)=? P(I) = 1 - P(I) TTTT Chegos.

 $=\frac{1}{2}\left(1+\frac{1}{4}+\left(\frac{1}{4}\right)^{2}+\left(\frac{1}{4}\right)^{3}+\cdots\right)$ * (+X+2+.- = 1-x=2x) 3a (x) -1 $2nx = x + 2x + 3x^{2} + \cdots = \frac{x}{(1-x)^{2}}$ $=\frac{1}{2} \cdot \frac{1}{1-\frac{1}{4}} = \frac{1}{2} \cdot \frac{4}{3} = \frac{2}{3}$ Agro pewether: Type has I-9 $P(I) = \frac{1}{2} + \frac{1}{2}P(I) = \frac{1}{2} + \frac{1}{2}(1-P(I))$



Reservoir sampling Herzannust ALSJøa l ha nog. I calg ans.) =? = P(tor crossers) Mercun A[3] Ako znaem N 125. Bucho Chyr. zucho El, ..., 13-X · Plantana ausur crea ct. S) UZXOg - A[X] $=\frac{1}{3}\cdot\frac{3}{4}\cdot\frac{1}{5}$ Avone groven N-arr. 6 pays (2poz #1156 upos) cryz-er. Mpn Tolog c t apostrbane Apararusno P(kar. AIX) ga e

ha 1-ba noz crag an.) = 1 × k+1 k+2 ... N-1 = 1