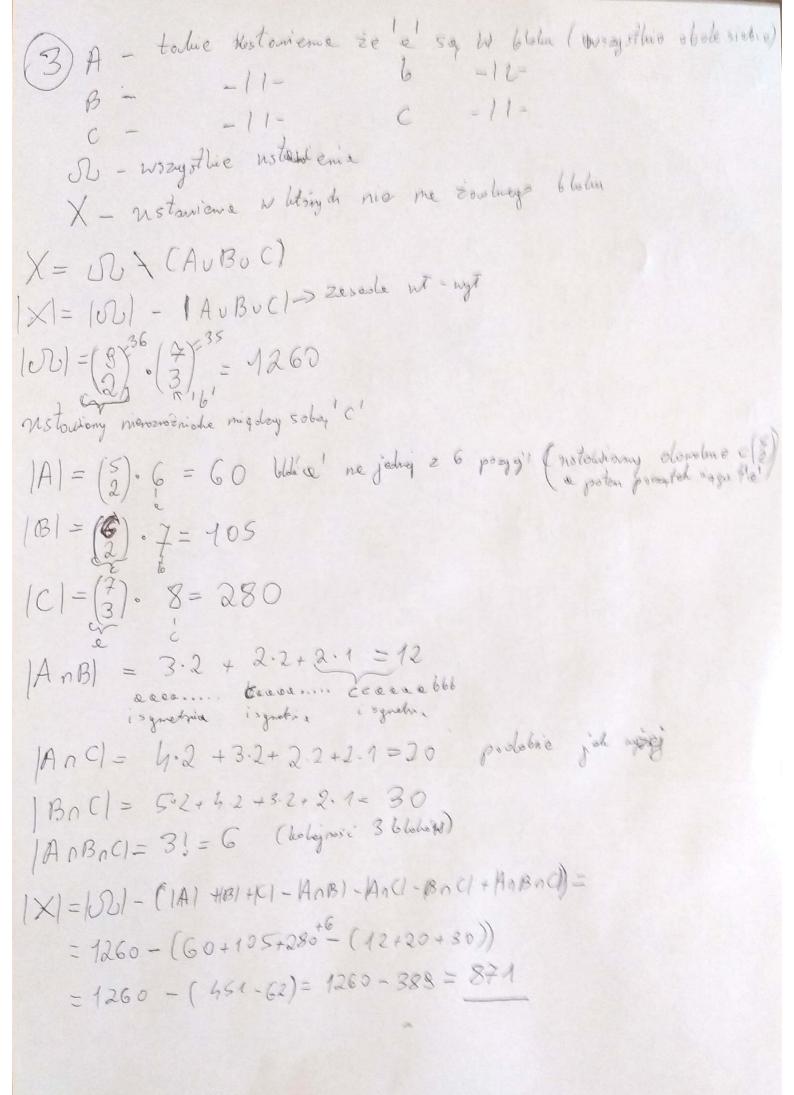
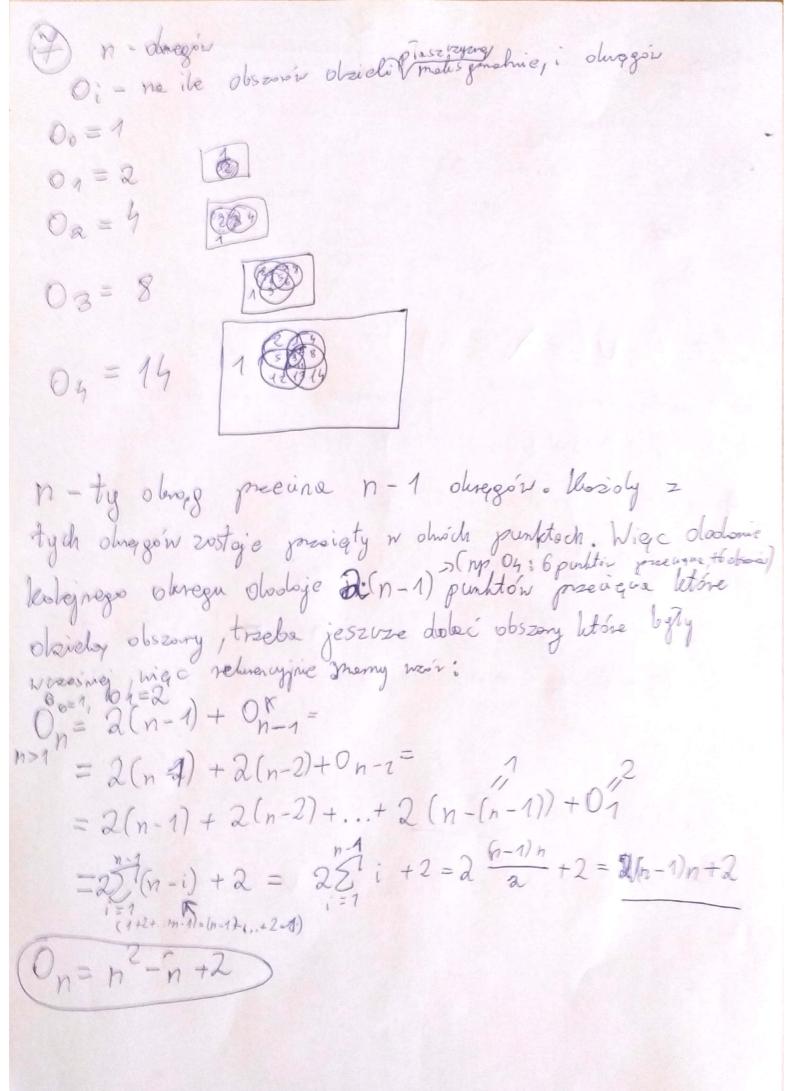
2) A6 - hosby pooleiche prez 6 z 1,2, ..., 800 Ay - lieby podeiche prez 7 z 1,2,...,800 Ag - lisby postaiche proce 8 = 1,2,...,800 X = A & U A 8 > ((A & n A 7) U (A 8 n A 7)) me podsiehe prez 7, de voie probaiehe prez 6 lub 8 |A6|= 133 \ \(\frac{1}{4}, \frac{1}{6}, \frac{1}{6}, \frac{1}{6}, \frac{1}{133} \cdot \frac{1}{9} \] $|A_8| = 100$ $|\{1.8, 2.8, ..., 100.8\}\}$ $|\{2.4, 48, ..., 32.24\}\}| = 33$ $|A_6 \cup A_8|^2 = |A_6| + |A_8| - |A_6 \cap A_8|^2 = 200$ [A 6 n A 7) n (A8 n A7) = |A 6 n A7| + |A8 n A7| = |A6 n A7 n A8| = (**) 13 = | \(\frac{13}{42}, \frac{13}{13}, \frac{12}{13} \]
14 = | \(\frac{14}{56}, \frac{112}{12}, \frac{14}{78} \]
18 = | \(\frac{1}{68}, \frac{336}{507}, \frac{672}{12} \] (*) = 13+14-4=28 X=200 - 28 = 171 [{x: x ∈ N, 1 ≤ x ≤ 800, 7 + x ∧ (6 | x w 8 | x)} = 171



(4) A - permitage iggu n-elementswego (A) = n! A: - abisi tobich permtey: ze i EN, jest ne sworm miejsau Uteoly meporzadhi z zoolania olnesta wzór: Oln = Al (Aju Azu...u An) = A (U A;) Konsystamy ze wenn me sune zbisnów z zesosty wi- nyt; $n! - (n \cdot (h-1)! \bar{A} \binom{n}{2} (n-2)! + ... + (-1)^{n-1} \binom{n}{n-1} \binom{n}{2} \binom{n}{2} \binom{n}{2}$ $n! \left(1 - \left(1 - \frac{1}{2!} + \frac{1}{3!} - ... (-1)^{n-1} \frac{1}{n!}\right) =$ $n!\left(\frac{1}{2!}-\frac{1}{3!}+\frac{1}{n!}-\frac{1}{n!}\right)=dn$



10
$$n=1 \Rightarrow 1: (1)$$

 $n=2 \Rightarrow 2: (1/1) (2)$
 $n=3 \Rightarrow 3: (1/1) (1/2) (2/1)$
 $n=h \Rightarrow 5: (1/1,1) (1/1,2) (1/2,1) (2/1) (2/2)$
 $n=h \Rightarrow 5: (1/1,1) (1/1,2) (1/2,1) (2/1) (2/2)$
Ne $n-ty$ stopien moine wejsić ze stopme $n-1$ -ego lub
 $(n-2)$ -ego. Wszystlie możlimski obreśla
 $(n-2)$ -ego. Wsz

czyli
$$S_n = F_{n+1} = \frac{1}{\sqrt{s}} \left(\left(\frac{1 + \sqrt{s}}{2} \right)^{n+1} - \left(\frac{1 - \sqrt{s}}{2} \right)^{n+1} \right)$$

