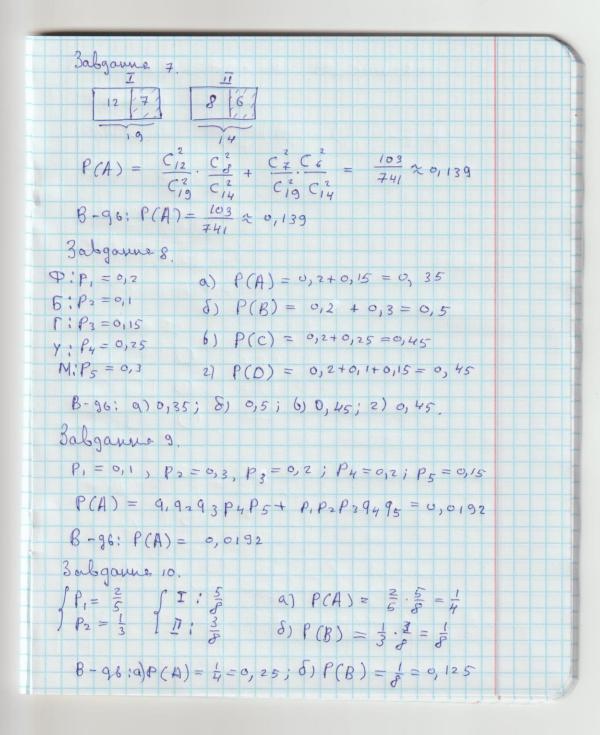


```
B-96: n= {0,1,2,3,4,5}
  3 ab gover 5.
  B-96: 5! = 120
 Babganne 6.
  A_n^2 = 7 A_{n-4}^2
  \frac{n!}{(n-2)!} = 7. \frac{(n-4)!}{(n-6)!}
   n(n-1) = 7(n-4)(n-5)
  Onebugus n=7
B-96: n=7
3 ab ganne 7.
 C20 = 1140
 B-96: 1140
 Babgarne 8.
 P(A) = \frac{m}{n}
 m \Rightarrow \{(1;6), (2;5), (3;4), (4;3), (5;2),
        (6,1), (7,0) => m = 7
  n=> {10,11,12,...,99} = 99-10+1=90 = h
:. P(A) = \frac{7}{90}
B-96: P(A)= = = 0,0778
```

	Babganna	9						- 3	
	James	4 01		6 mon	oai .	USK	. 8.	m	
	PCA) -	C35 C, '0							
		C3.		nune	1 1	1000	16 r	lik	
				10 9 1					
	13-96:	P(A)	= 0						S I
	2 1						Tran (		
	3 ab gans	4 10.						Ħ	
7	PIN	3	3 - 0			1		A	
<del></del>	1 (A) =	$\frac{3}{C_5} =$	10 15						
				111-117					
	B-96;	PCAS =	0,3	4	7 .		179	1	
	3 al gas	ug 11	2 - 10	4			1		
	300 900							. 6	
~	[x + a +	7 = 100				104			
7								7-	
	1 (2 4	, €) € [25	: 35)						
		) =							
		1	- 0 1			27			
	P(A) =	35-25	0,1					20	
		1	500			OHVI			
	B-96: F	(H)=10	-0,0						
<b>*</b>							U-V-U		
					(A) NA				
							= (		
							1		
_		1 4				9 11	1		
						1.0			
	N - 8	2 2 2 2 2	AB A				1		

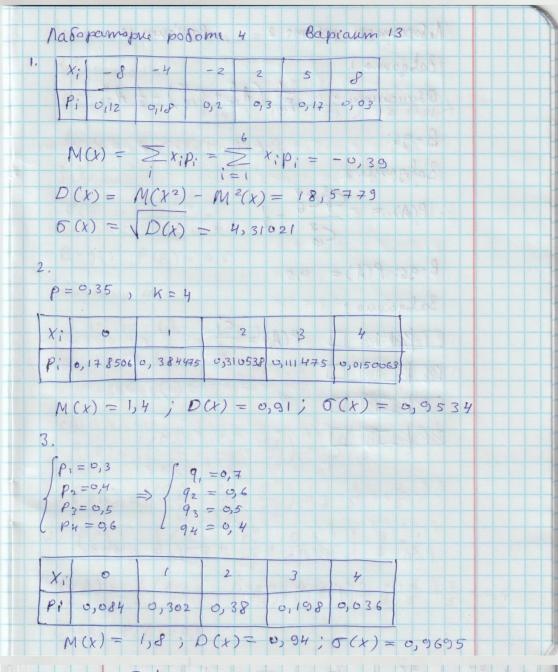
Лаборатория робота г Варгант 13 Babganno 1 OSwamm; P (A6+C15)-1 A4 B-96: = -71819,99996 3 abganne 2  $P(A) = \frac{C_{3}^{3} C_{6}^{4}}{C_{7}^{7}} = \frac{1}{2}$ B-96: P(A) = 0,5 3abganne 4 1-120 D+00  $P(P_{i}) = \frac{1}{3} \left( \frac{C_{ij}}{C_{ij}^{i}} + \frac{C_{3}^{i}}{C_{5}^{i}} + \frac{C_{2}^{i}}{C_{5}^{i}} \right) = \frac{1}{3} \cdot \frac{9}{5} = \frac{3}{5}$ (2)  $P(A_2) = \frac{1}{3} \left( \frac{C_3'}{C_5'} + \frac{C_2'}{C_5'} + \frac{C_1'}{C_5'} \right) = \frac{1}{3} \cdot \frac{6}{5} = \frac{2}{5}$ (3)  $P(A_3) = \frac{1}{3} \left( \frac{C_2'}{C_5'} + \frac{C_1'}{C_5'} + \frac{O}{C_5'} \right) = \frac{1}{3} \cdot \frac{3}{5} = \frac{1}{5}$  $P(A) = \frac{1}{3}(P(A_1) + P(A_2) + P(A_3)) = \frac{1}{3} \cdot \frac{6}{5} = \frac{2}{5} = 0,4$ B-98: P(A)=0,4

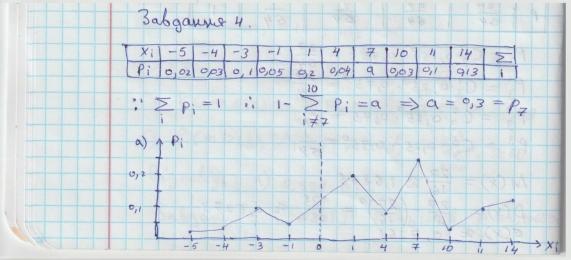
3abgarne 3  $\begin{cases} P_1 = 0, 85 \\ P_2 = 0, 8 \end{cases} \Rightarrow \begin{cases} q_1 = 0, 15 \\ q_2 = 0, 2 \\ q_3 = 0, 1 \end{cases}$ P(A) = P, 4293+ 9, P293+ 9,92 P3 = 0,056 B-96: PCA) = 0,056 Balgarne 5. P, =0,8, 9, =0,2 P2-0,9 , 92=011 P3=0,5 , 93=0,5 1) P(A) = \frac{1}{3}(0,8+0,9+0,5) = \frac{11}{15} 20,7334  $P_A(B_3) = \frac{1}{3} \cdot 0.5 = \frac{5}{22} \approx 0.2273$ B-96; 1) P(A) = 11 20,7334 2) PA (B3) = 5 2 2 0,2273 Balganne 6. P1=0,05, p2=0,08, p3=0,1 P(A) = 1-P(A) = 1-P,P2P3 = 0,9996 B-96: P(A) = 0,3996



Bapianin 13 Лаборатори роботе 3 3 abganne 1. n= 13, m=4, p=0,5 Pn= Cmpmqn-m P 4 = 0,0872 B-96: P(A) = 9,0872 3 abganne 2. B-g6: Mo= 6, P(A) = 0,2256 3abganne 3. 3abganus 3. n=10, p=0,6 a) P10 = 0,200 658 8) P10 (m < 4) = P10 (0 < m < 4) = 0,166239 6) Pio (3 ≤ m ≤5) = Pio+Pio+P5 = 0,354602 B-96: a) 0,2007; 8) 0,1662; 6) 0,3548 3 abgarna 4.  $\begin{cases} n = 2000 \\ p = 0,001 \end{cases} \Rightarrow \lambda = 2$ a)  $p_{2000}^{5} \approx p_{5} = \frac{2^{5}}{5!} \bar{e}^{2} = 0,0361$ 8) P2000 (m(3) = P2000 + P1000 + P2000 + P2000 = 0,8571.

13-96: 0) 0,0361; 8) 0,8571 3abganne 5 P=0,1, n=400; a) P400=0 8) Prov (305 m (50) = P(1,66) - P(-1,66): 2 \$ (1,66) = 2.0,4515=0,903 6) P400 (m <30) = P(4,66) - P(-6,66) = = -0,4515 = 0,0485 B-96: a) 20; 6) 0,903; 6) 00485 3abganne 6. p=0,9, m7, 1500 P1500 = 0,96 (1500 0,91500 n-1500 = 0,96 Pn (m>, 1500) = Pn (1500 < m < n) = 0,96 36iqu macus n = 1691 B-96: 1691 pencil. Requirement  $P(m_1 \leq m \leq m_2) = P(k_1) - P(k_2)$   $P(x_i) = \sqrt{n_1} \int_{0}^{k_1} e^{\frac{t^2}{2}} dt$ ,  $x_i = \frac{m_i - np}{\sqrt{npq}}$ 





5) 
$$\begin{pmatrix} c, & x \leq -5 \\ c, & 0 \geq 2, & -5 \leq x \leq -4 \\ o, & 0 \leq 5, & -4 \leq x \leq -3 \\ o, & 0 \leq 5, & -4 \leq x \leq -3 \\ o, & 0 \leq 5, & -3 \leq x \leq -1 \\ o, & 0 \leq 1, & 0 \leq x \leq 1 \\ o, & 0 \leq 1, & 0 \leq x \leq 1 \\ o, & 0 \leq$$

$$A_{s} = -0.0262$$

$$A_{s} = \frac{M_{4}}{\delta_{4}} - 3 = \frac{1}{\delta_{4}} (V_{4} - 4V_{1}V_{3} + 6V_{1}^{2}V_{2} - 3V_{1}^{4}) = 3$$

$$E_{s} = -1.077$$