bisen v 5 26.12.20 1. Baviam rumanna nagical konverm Mkljin. 2. a) Ofwarm mpanzimibne zamirania

gra dihappiro bignomenta P.

P= (1 0 1 0) Q= (0 0 1 1)

(0 0 1 1) (0 1 1 1)

goyrron — $P = P \times P = \begin{pmatrix} 1 & 0 & 1 & 0 & 1 & 0 \\ 0 & 1 & 1 & 0 & 1 & 0 \\ 0 & 0 & 1 & 1 & 1 & 0 \\ 0 & 0 & 1 & 1 & 1 & 0 \\ 0 & 0 & 1 & 1 & 1 & 0 \\ 0 & 0 & 1 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 0 & 1 & 1 \\ 0 & 0 & 0 & 1 & 1 \\ 0 & 0 & 0 & 1 & 1 \\ 0 & 0 & 0 & 1 & 1 \\ 0 & 0 & 0 & 1 & 1 \\ 0 & 0 & 0 & 1 & 1 \\ 0 & 0 & 0 & 1 & 1 \\ 0 & 0 & 0 & 1 & 1 \\ 0 & 0 & 0 & 1 & 1 \\ 0 & 0 & 0 & 1 & 1 \\ 0 & 0 & 0 & 1 & 1 \\ 0 & 0 & 0 & 1 & 1 \\ 0 & 0 & 0 & 1 & 1 \\ 0 & 0 & 0 & 1 & 1 \\ 0 & 0 & 0 & 1 \\ 0 & 0 & 0 & 1 \\ 0 & 0 & 0 & 1 \\ 0 & 0 & 0 & 1 \\ 0 & 0 & 0 & 1 \\ 0 & 0$ $P^{3} = P^{2} P = \begin{pmatrix} 1011 \\ 1011 \\ 1011 \end{pmatrix} \begin{pmatrix} 10010 \\ 1011 \\ 10011 \end{pmatrix} = \begin{pmatrix} 1011 \\ 1011 \\ 10011 \end{pmatrix}$ answer P = P, no un granimu inerim janurana $\hat{P} = P \cup P^{3} \cup P^{3} = \begin{pmatrix} 1010 \\ 0119 \\ 0019 \end{pmatrix} \cup \begin{pmatrix} 1011 \\ 1011 \\ 1011 \end{pmatrix} = \begin{pmatrix} 1011 \\ 1011 \\ 1011 \end{pmatrix} = \begin{pmatrix} 1011 \\ 1011 \\ 1011 \end{pmatrix}$

 $= \begin{pmatrix} 1011 \\ 1111 \\ 1011 \end{pmatrix} \quad \begin{pmatrix} 1111 \\ 1011 \\ 1011 \end{pmatrix} = \begin{pmatrix} 1111 \\ 1011 \\ 1011 \end{pmatrix}$ b) Obucumu hameramurue gogbanus Ju pozhoginy Tyacona. Fighogie Tyalora: $f(2, K) = \frac{2^{k} e^{-2}}{K!}$ $M(X) = \sum_{k=0}^{\infty} k \cdot P(X = k) = \sum_{k=0}^{\infty} k \cdot \frac{2^{k} - 2}{k!} \cdot e^{-2} =$ $= e^{-2} \cdot 2 \cdot \sum_{k=1}^{\infty} \frac{2^{k-1}}{(k-2)!} = e^{-2} \cdot 2 \cdot \left(1 + \frac{2}{1} + \frac{2}{2!} \cdot \frac{2^{k}}{3!} + ...\right) =$ $=e^{-2} \cdot 2 \cdot e^2 = 3$ Turens h, many innerpar un zanishoero

na helig entry your rowan - 20,1,2...} C) Kepetipumu un sinapne bignomenne Q & aumengurpum $Q = \begin{pmatrix} 0 & 0 & 1 & 1 \\ 1 & 1 & 1 & 0 \\ 0 & 1 & 1 & 1 \end{pmatrix}; \quad Q = \begin{pmatrix} 0 & 1 & 0 & 0 \\ 0 & 1 & 1 & 1 \\ 1 & 1 & 1 & 1 \end{pmatrix};$ Acurenjuye Egywretyor-ye bignomensa, gu gworo 2 12 = p. (referruh z odynemin glas rynny whoming) 1 (0011) (0100) (0000 = 0110 0111/1111 Outrosser and 70, mo dipape bignomense are & crawempurgury

a) Oznavenja popravonoi herimjoi unomuju Resair A-herimora supomura z belienmana o z ynibepearopioi supomuru li supomurus Blumboro sup 1, (21) nozbero Buromoro herinski usomusu A. Mogi, usomuna A dyge nopravsnow y Gurayso kom zuvæng i busom ogge pilnur 1, vootno верхна пета ст другий have morni. Sup MA(D)=1, J) Branemer justificow; Ceparition reparaty

Tipapuos bignomenna. Bepanir heremung (2+121) Egrowenin R,
gryanor na unoprum bilulamil A, nozubanno
unoprum, gina bunohyr grobu:
2+(11)={y EA ((9,21) E R); Mominoso-Horier bigroup Delrehma z Mazoboros Mominy, giva 201)={y (A/(11,4)+R} I furling: Magin whoming buginery braphe lighowens 2 (2)={1,2}; 2 (5)={1,5} 2 (3)= { 1,3}: R'(6)= {1:2;3;6}

A purmin hepenness, zigno y reober. Riun-{4}-2(1)={1,2,3...6} 2(5)={5} 2(2)={2,4,6} [2](3)={3;6}; 1216)={6}' C) Dame oznaremu moguma negianu Moga - ye wake znavern z unonum busipas un hyunusmo vairamine. Megiana - ye rake znarebus uso znaxognowo pocepegishi jamobanoi uposeumi (feutipixu).
Todhio cepegne benvina zninobasoi znam, gwa niemimora b cepegum przy, przuruseporo b ropogry znorranna ato arogano znasy.
Thus kirkimo zparem hapna mo zgumo cloght um glova ruram w cefegui. 4. Davime runang pagicol Korenerm rekyir.