4 goebrana Mante 1. VA, BER => ADBER, ADBER non-11, 2mo AUBERUABER Morga R-Raisyo. AUB = (ADB) D (ANB) => AUBER AVB = (A & B) n A => A B & R 2. B- Dopereberal 6-avregna-cobra jaem c 6-aurespote, nocompoennou ra ompegnase => YAEB => AELL U- Mux. 6-arrectora, noempoennail ra ompegrax [a, 2a], a e a V& 6, C ∈ Q [6, C] = [6, 26] Ja,660; a,6>0 A = U [a.2" a.2 n+1] = [a, a, 1] 2ge a. 2 Net > 6 => Ne > loge 6 -1 => => N1 = [loge 6 - 1] +1 = [loge 6], narruner.

omjegrance sa, 63; a, 6 € Q, romanae 6 cboxo orerege cobragaem B1-m.e. ll = B1. 2. 2a $(a, k) = (a, k+1); a, b \in C =$ => MCB1 JGEB1 $\exists G \in \mathcal{B}'$ $\forall x \in G \exists Mo \ni x, Mi \in \mathcal{U}, Mongq$ g = Q Mi, no m. r. un-bo el crémno, Mi => Black

4. Оборкании ип-во всех такия morer K. Janenum como 80/1/60 K = (0,3;0,5) (1(0,03;6,05) (100,13;0,15) 450,23;0,25)4...4(0,93;0,95)4 (0,005;0,005)450,013;0,015)4. 2, K = 0,2 + 0,02.8 + 0,002.82+ == $= \frac{2}{2} \frac{2}{n=0} \frac{2}{(0,8)^n} = \frac{1}{5} \frac{5}{n=0} \frac{(0,8)^n}{(0,8)^n} = \frac{1}{5} \frac{5}{n=0} \frac{(0,8)^n}{(0,8)^n} = \frac{1}{5} \frac{5}{(0,8)^n} = \frac{1}{5}$ $= \frac{1}{5} \lim_{n \to \infty} \frac{1}{0.8} \frac{1}{0.8} \frac{1}{0.1} = \frac{1}{5} \frac{1}{0.2} = 1$ Ombern: 1 3. Lyncho gor-me nougaggumulpours obséria u-obséria ra P; A, A, A2, ..., A, EP lemma (lloromon ochèma) Dic A, CA => ge (PX) < ge (R D To onp. nougranaga A\A, = [10] Morga A = A, U M Qj u

u(A1) + 2 u(Qj) => e(A1) & u(A), m. r. Roker. aggam je novegran je (A)= unal (Yeur. moromor, octobra) [] Ri CA => 3 u (A) su (A) transverro, no depien A LA Ac = MOis DOR-BO A'i= An Ai EP. Monga no Cb-by O A = I L Cis rolgroubya A = Rij CAi CAi, Qij EP To leune 2 11 Qij CAi aggamebroome et: $u(A) = \underbrace{\xi}_{i=1}^{m_i} \underbrace{u(Q_{ij})}_{i=1}^{m_i} \underbrace{\xi}_{i=1}^{m_i}$

rover aggain se nosegram se (A)= = u(A1) + 5 u(Qj) => ee(A1) 5 u u(Qj) =0 j=1 lemal Gene moromore octiona 11 Ri CA => 3 u (A) su (A) D transverko, ko deren DOR-BO P. Morga no cb-by rolgrol6ya Que Ai CAi, Qij E P ag gamebroence et: $\mu(A) = \mathcal{E} \quad \mathcal{E} \quad \mu(Q_{ij}) \leq \mathcal{E} \quad \mathcal{E} \quad$

00 A = 0 A_n , $A_n = (n - \frac{2^n}{3^n}), n + \frac{3^n}{4^n}$ VAn & Bri - Pn - 2n i+1, & Bri = [n - 2n + 1], n + 3n 4n изиримы 21 Cni = [n-2n, n+3n+ Bri CAn C Cri & (BritChi) = 2 -> VE>O Ji: x (Britani) (E. => An uguerano In no spameрию изперимости ик-ва. Banemun, 2000 Ao DA, DA2 D. M. R. $\lim_{N\to\infty} \left(\left(\frac{\binom{3}{4}}{3} \right)^{N} - 1 \right) + \left(\frac{\binom{2}{3}}{3} \right)^{N} - 1 \right) = 0$

Omben: 7. 6. L(x,y) = sign cos(xy)Sayara rea 1R2 = I act>a= (0, a>1 () 2 a < -1 // 2. A, -15000 (-15850 B, 0 = a < 1 (0 < f = 1) $B = \{(x,y) : \cos(xy) > 0\} =$ = $\{(\alpha, y): \alpha y \in \{-\pi + 2\pi k; \pi + 2\pi k\}$ $A = \{ (\alpha, q) : \alpha q \in [\pi, 2 + k; 3 + 2 + k] \}$ A, B - jaurnymore (40 reorponurennose) их-ва, огражитекные гиперевого. => A, B - uzu.