Tryent f- ognochigation in bollicular zor p(n), n=1x1 Through  $f(\alpha, x) = \alpha f(x)$ , se  $|\alpha| = p(n) - Collicans$ Dony cumu, yellen nopolles odjenyame Fla, x), morga yueun u f(x) - gonillen cultima a reportex) odpannen u bozallen x up nadyterhate nonn lax) nocue agragemen, mallin fix) - recognocinguisas протоворене. Значит, Е(а,х) - односторинам и po bullille za Melle, rangueguen Gee mullund Tunguna, Tyong M7 намер Машин, хоторая вычисает 7- одностранного Pyriques, burucunigro ja Miruto. Tyremo gn (x) = = M1(x) M2(x). . Mn(x), ge M; (x) - perfuence potentin M: Max; repres 1x1 ecursor, Thorga escur 7 ognocongruman f, mo I u I, morga I no: 3 copemum reguman f(x), Tuoya, ean gnot - were oframen Mo byth appearable No. - NMF-1, XMF1. Xn, BULLING regularine M1(x1). MMZ-1(XMZ-1). ALEXMMZ+1(XMZ+1). Mn(xn) u yunurd ux x F(x), of fromun nasyanoe quarence u buganus ommyga La, nagyun objectmumus gista f na ora

одностороная, противанение, зменит, 9 применя унаргания,

KOMERSE a) Tyong E(x) - allenoognoemegronum  $f(x) = \xi(x)$  $g(x) = \begin{cases} \xi(x), & \chi \neq 0^n, \chi \neq 7^n \\ \xi(x), & \chi \neq 0^n, \chi \neq 7^n \end{cases}$ Thorpa  $g(x) = \xi(x)$  begge, known 2 pursually, zerous, fixe a gen - cutheroguer monomes, a f +9 h (x) = { & (x) | 1 , i ? 2 you x = 0", x = 1". Morgo har= E(x) beyon, spew z znami, znami har - custologneengamuse. 9(xy)= { x/1/2, 122 δ) f(xy) = { y| 1/2 ξι(x) | 名2(y)まくり7) +197年 Typeme & (A): (0,7/2) -> do, 7/23, × gun [2] , y gun [2] , mo eans w внутут И(ху) содержения сами хиу, змачит, h (141 - gance me chase opnochimination. Донустий, вскух-не синонодноступния, жоды 3 P VIR UNINEN: POW FOR(FOX/1))=f(xg)} = In

то ести провишно ображили кома вы 2 пол замений 1 nagurrun y - 2 12 , moga cem maren yo, umo a.f 0 3H > pan gu  $P_{x}(\xi(x'(\xi(x))) = \xi(x)) \ge \frac{1}{p(n)} \Longrightarrow \xi(x) - \frac{1}{p(n)} = \frac{1}{p(n)} \Longrightarrow \xi(x) - \frac{1}{p(n)} = \frac{1}{p(n)} =$ EMMINE ZHAMETHE YO apraironners g(xy) - unbolosogirenners. 0.1 8.) f(x) = { superpresent fant) = 1/1 f(x) - try nymema o (y namembra man) flox) Alfa(x), fig mymmaa  $f(x) = \begin{cases} f_{\sigma}(x), ease x = Q_{\sigma}(x), \\ f_{\sigma}(x), ease x = 7x, \end{cases}$ to, for it is nymenos a u o commencemo. oranolly g on =  $\{g_{\sigma}(x) \mid een x = 0x_{7}\}$ R Mayor con x=0x+, mo h=ho, morum, h verso dince натя би на помовине х, змине, п- не шли одниция ean x = 1x1, mo h=ha, u marin no navolum x п сложено облатить, значим, п - слово односточного cac f и 9 - именеодносточние, т.к. да, до и fa, fo - стомонодожного. 14

at Tyomb 9 - og hormgrender, u g(o") to" norm Oppegallin  $f(x) = \begin{cases} g(x), & x \neq 0^n \end{cases}$  Than was upulling marestile madero se 1 oppularme up 2", mo 8 The works ogramment  $P_x(f(R(f(x))) = f(x)) \leq P_x(g(R(g(x)) = g(x)) +$ + In < p(x), ye p-marein, cam g down couldress ognoстугонией, и Ст 1- фуд), сем слав одностраний znarun, f - ognormenen. anadoment a collection of a collection of the co Px(--) & P por) + ac(ixi) < \frac{1}{p\_1(x)} \ \land{m. n. min begins of remains для шинодриней, анашини для шабодностроный ECUA GEX) = x gra game Box co(1x1) B(1x1) > a(1x1), mo: econ 3 p (N): par < B(IXI), mo que ognammense R = id Sygem  $P_X(g(R(g(x))) = g(x)) \ge \frac{\beta(|x|) \cdot 2^n}{2^n} > \frac{1}{\beta(|x|)}$ значим, д-не синно одноступничеся. ean to(1x1) peix1) < a(1x1) < p(1x1) < p(1x1) < p(1x1) , mo cyclored zomeny na your B(121)-a(121), you g(x)=x na ga 7x Marga no regretten Ramurelma ograngelma y Remunia ree

u gypungus ocumus fatture, rea rea p(1x1)-a(1x1), gresemonoureen 9; не обядательно будет проглаговной, и это не завист ecun h(x) munumaem o ma 2<sup>n-1</sup> znamenum a 1 ma 2<sup>n-1</sup> measurement, mo  $h_1(x) = \begin{cases} h(x), x \neq 0 \end{cases}$  remunically o um 1 ma 2 n-1-1 ynaremma, u bié eme conserver тузуний битии, так как значение изменено na in Jane, Trospa g: (x) ne abrillemen repremanablesi, M. K. Ha Kattol i-Mai noguyan ou 1 yearmanouter разное кампиество под, где 9: - жо 9: с зашемо в на в. ecus h(x) yunacem our 1 ma rea = 2 "- 1 zacomos ma g:(x) - me abuseemest igneementouris.

Ny. Xn ~ U(0, 13 16(5)). 6'(s) = 0 16/511, ear s cop. pobes 15/2 equally, u 6'(s)=6(s)4446. Pr(An(Xn) Tycom 151=n, 15(51)=k Pr(An(Xn)=1)-Pr(An(600)=1)/=//r(An(X)=1)-Pr(An(610)=7)/-- [Pr (An(6(s))=1) - Pr(An(6(s))=7) > > | Pr (An(6(5) = 7)) - Pr (An(6'(0))=7) | - pow Vp-nauman Pr (An(6(s))=1) - Pr (An(6'(s))=7) = ++ (8s police 8 - Ls: Bs poeno & egaruju 3 C- 25 Bs police He = county 3 = 1 Pr(B) . (Pr(An(G(S))=1 | B) - Pr(An(G'(S))=1 | B) + + Pr(C) (Pr(An(G(S))=7)() - Pr(An(G'(S))=7/C) = = |Pr(8) . (Pr(An(6(5))=7/8) - Pr(An(0)=7/8)) + + Pr(C) , (Pr(An(G(S))=1/C)-pr(An(G(S))=7/C)= = Pr(B), [Pr(An(6(5))=718)-Pr(An(04)=718)]  $Pr(B) = \frac{Cn}{2n} \sim \frac{2}{\sqrt{2n}} = \frac{1}{\sqrt{2n}} - \frac{1}{\sqrt{2n}} = \frac{1}{\sqrt{2n}}$ Bozullew An: An(oK) = 1, where An(x) = 0 An(x) = 7, each  $x = o^{K}$ , where An(x) = 0Thorges Pa (An(Xn)=7) = In , marin, u Pr(An(6(s))=7) ( sorpin) Yp-nammama

 $=\frac{\left(\frac{n^{2}}{2^{n}}\right)}{2^{n}}\left(1-\lambda(n)\right), \quad \text{ for } \lambda(n) \in \overline{\text{for }} \text{ } \lambda(n) = name a$   $=\frac{\left(\frac{n^{2}}{2^{n}}\right)}{2^{n}}\left(\frac{n^{2}}{2^{n}}\right), \quad \text{ for } \lambda(n) \in \overline{\text{for }} \lambda(n) = name a$   $=\frac{\left(\frac{n^{2}}{2^{n}}\right)}{2^{n}}\left(\frac{n^{2}}{2^{n}}\right), \quad \text{ for } \lambda(n) \in \overline{\text{for }} \lambda(n) = name a$   $=\frac{\left(\frac{n^{2}}{2^{n}}\right)}{2^{n}}\left(\frac{n^{2}}{2^{n}}\right), \quad \text{ for } \lambda(n) \in \overline{\text{for }} \lambda(n) = name a$   $=\frac{\left(\frac{n^{2}}{2^{n}}\right)}{2^{n}}\left(\frac{n^{2}}{2^{n}}\right), \quad \text{ for } \lambda(n) \in \overline{\text{for }} \lambda(n) = name a$   $=\frac{\left(\frac{n^{2}}{2^{n}}\right)}{2^{n}}\left(\frac{n^{2}}{2^{n}}\right), \quad \text{ for } \lambda(n) \in \overline{\text{for }} \lambda(n) = name a$   $=\frac{\left(\frac{n^{2}}{2^{n}}\right)}{2^{n}}\left(\frac{n^{2}}{2^{n}}\right), \quad \text{ for } \lambda(n) \in \overline{\text{for }} \lambda(n) = name a$   $=\frac{\left(\frac{n^{2}}{2^{n}}\right)}{2^{n}}\left(\frac{n^{2}}{2^{n}}\right), \quad \text{ for } \lambda(n) \in \overline{\text{for }} \lambda(n) = name a$   $=\frac{\left(\frac{n^{2}}{2^{n}}\right)}{2^{n}}\left(\frac{n^{2}}{2^{n}}\right), \quad \text{ for } \lambda(n) \in \overline{\text{for }} \lambda(n) = name a$   $=\frac{\left(\frac{n^{2}}{2^{n}}\right)}{2^{n}}\left(\frac{n^{2}}{2^{n}}\right), \quad \text{ for } \lambda(n) \in \overline{\text{for }} \lambda(n) = name a$   $=\frac{\left(\frac{n^{2}}{2^{n}}\right)}{2^{n}}\left(\frac{n^{2}}{2^{n}}\right), \quad \text{ for } \lambda(n) \in \overline{\text{for }} \lambda(n) = name a$   $=\frac{\left(\frac{n^{2}}{2^{n}}\right)}{2^{n}}\left(\frac{n^{2}}{2^{n}}\right), \quad \text{ for } \lambda(n) = name a$   $=\frac{\left(\frac{n^{2}}{2^{n}}\right)}{2^{n}}\left(\frac{n^{2}}{2^{n}}\right), \quad \text{ for } \lambda(n) = name a$   $=\frac{\left(\frac{n^{2}}{2^{n}}\right)}{2^{n}}\left(\frac{n^{2}}{2^{n}}\right), \quad \text{ for } \lambda(n) = name a$   $=\frac{\left(\frac{n^{2}}{2^{n}}\right)}{2^{n}}\left(\frac{n^{2}}{2^{n}}\right), \quad \text{ for } \lambda(n) = name a$   $=\frac{\left(\frac{n^{2}}{2^{n}}\right)}{2^{n}}\left(\frac{n^{2}}{2^{n}}\right), \quad \text{ for } \lambda(n) = name a$   $=\frac{\left(\frac{n^{2}}{2^{n}}\right)}{2^{n}}\left(\frac{n^{2}}{2^{n}}\right), \quad \text{ for } \lambda(n) = name a$   $=\frac{\left(\frac{n^{2}}{2^{n}}\right)}{2^{n}}\left(\frac{n^{2}}{2^{n}}\right), \quad \text{ for } \lambda(n) = name a$ marin, 6'(s) - Me 1704. 6"(5)=0 k, econ 8 8 poeno 3 egunus, a 6"(5)=610 mare |Pr(An(Xn)=1) - Pr(An(6"(5))=1) | = = (Pn(An(Xn)=1) - Pn(An(6(s))=1)(+1 Pn(An(6(s))=1)-Pn(An(6(s))-1) Z = 1 + 1 P(B) (Pr(An(G(S))=11B) = Pr(An(G'(S))=71B)) + 8 = 5 : 8 s poblo  $\frac{1}{3}$  egunua  $\frac{3}{3}$  egunua  $\frac{3}{3}$ + Pr(C) · Pr(An(G(S))=1(C) - Pr(An(G"(S))=1(C)) < = f(n) + Pn(B) = (1+7) + Pn(c) = | Pn(An(6W)=7/0) -- Pr(An(6(8))=7/C) | = p(n) + 2 Pr(8) < p(n) = 2 p(n) + 2 pr(8)  $Pr(\theta) = \frac{(\frac{1}{3})^{\frac{3}{2}}}{2^{\frac{3}{2}}} \sim \frac{1}{\sqrt{2\pi}} \cdot \frac{1}{\sqrt{3}} \cdot \frac{1}{\sqrt{3}} \cdot \frac{(\frac{3}{2})^{\frac{3}{2}}}{\sqrt{2}} = \frac{1}{\sqrt{2\pi}} \cdot \frac{1}{\sqrt{3}} \cdot \frac{1}{\sqrt{3}} = \frac{1}{\sqrt{2\pi}} \cdot \frac{1}{\sqrt{3}} \cdot \frac{1}{\sqrt{2\pi}} \cdot \frac{1}{\sqrt{2\pi}} = \frac{1}{\sqrt{2\pi}} \frac{1}{\sqrt{2\pi}}$ 

Pr(B) < 7 (n) Yg-nounewea 27 c 7, znamm, < pm + 2 museum, znown, (Pr(An(Xn)=7) = Pr(An(6Ms))=7/2 pin Vp-naumaro 7 Mel 4 11 - 1764 of => as gus f(x,y) g(x,y) - me mpygnen, m.x. cans agrania : ( Hornwey A - Oce X u y many your xuy reassurances co)  $C(T(x,y)) = T(x,y)|_{1} = \begin{cases} g(x,y), & \text{een } x \in A \\ f(x,y)|_{1}, & \text{een } x \notin A \end{cases}$ P(C(F(x,y)) = g(x,y) = 34 gongomun, 9- ne ognocompronos. Prx (9(R(y(xy))) = 9(xxy)) = 7- Fins Prx (g(R(g(xy))) = g(xy) | X A). P(X A) + Prx (g(R(g(xy))) = g(xy) (A) Rr(A) = 1-1 Pr(A) = 3/ Prx(g(r(g(x,y)))=g(x,y) |A) = 7

Pro (9(R(f(xy)) = f(xy)), 7 > 4 - 1000 morgia c Beneaumocurero nomos de 7 - 7000 Vp-neumen HULBU OSTALIONE FIXY, NO ONE CUMINOGENERING monwanera. v8. noemabuut, ka weene Konkanelelluu Kuy; Tyoms 6(xy)-171(4. 1X1=141=n  $G_{1}(x,y) = 2 G(x,y), exact x + y - maxim 2^{2n} - 2^{n}$   $G_{1}(x,y) = 2 G(x,y), exact x + y - maxim 2^{n}$ [Pr(An(Xn)=7)-Pr(An(6,(xy))=7)] < = (Pry (An(Xn)=7) - Pry (An(G(xy))=7)/+ + (Prxy (46(x,y))=1/x=y), Poxy - Prxy (An(6,(x,y))=7/x=y)/x XPr(X=y) + 1Prxy (An(6(xy))=7) XFy) = 1 Prxy (An(6(xy))=1) (x+y) 1 · PV(x+y) < p(n) + 2 · 2n + [Pry(An(6(xy))=1/x+y)-P-noullessa - Poxy (An(6(xy))=1/x+g)/ " = p(n) + 2n-7 < q(n) ty-nown Measur, 6-1 (xy) - 1704 G1 (x,x) = 0K - HE FTICY, HOGI-TTICY