Demanence jaganine N5. N1. X=0-CB. +6>0: P(X=6) < e-2me2 N-0,200 Ebe2(m-1)x2) < m $P(x \ge \varepsilon) = 1 - P(x < \varepsilon) \le e^{-2m\varepsilon^2}$ F(8) = 1-e-duco $E_{1}^{2}e^{2(m-1)x^{2}} = \int_{0}^{\infty} e^{2(m-1)t^{2}} p_{x}(t)dt = \int_{0}^{\infty} e^{2(m-1)t^{2}} dt$ $\int_{0}^{\infty} e^{2(M-1)t^{2}} dF_{x}(t) = \int_{0}^{\infty} u = e^{2(M-1)t^{2}} du = 4(M-1)te^{2(M-1)t^{2}} du = 4(M-1)te^{2$ = e 2(m-1) to Fx/t) - S4(m-1) te2(m-1) t2 Fx/t) dt < < e 2/m-1) at - f4/m-1) te 2/m-1) t2 - dm t2) dt = = e 2(m-1)th Fx(a) - fy(m-1)te 2/m-1)t2 dt + f4/m-1)te e 2/m-1)t2 = e 2(m-1) a2 (n) - fe 2(m-1) t2 (2(m-1) t2) + fy/m-1) te 2t2 H= $= e^{2(m-1)\Omega^{2}} f_{x}/\Omega - (e^{2(m-1)\alpha^{2}} - 1) + (m-1) \int e^{-2t^{2}} dt^{2} =$ $= 1 - e^{\alpha(M-1)\alpha^{2}} (1 - F_{x}/\alpha) + (M-1) \cdot (1 - e^{-\alpha t^{2}})$ Ehe 2/11-1/2/ 5/+ /1-e-2t2/(11-1) 5 /+ 11-1 = 11.

H- konesnuci knace unotes P-fabrican pag Q: Q/hs/=1, hs Q(h)=0, heH, hths. (3. 0: Lo (hs) < hs(hs) + / lu(H) + lu(8) 1 Boenonozyemen rechemoci gml PAC - Basile vy neksme. $L_D(Q) \leq L_S(Q) + \sqrt{\frac{D(QIIP) + ln(\frac{14}{5})}{2(m-1)}}.$ M. A. P. - fabricules paenhepeneno mas maccourt TO P/h)=/H/ D(QIIP) = Ener & lu (Q(h)) } = = lu Q(h) Q(h) = |Q(h)=s/= = | (Q(h)=s)=s/= | (Q(h)=s/=s/= | (Q(h = lu (1/hs). Olhs) = lu flhs) = lu/(H/). M.k. Q(hs)=1, 00 holhs)=Lo(Q) n bo(hs)=ls(Q). => Fonyruel, 200 Lo(hs) < ls(hs) + / lu(141) + lu(8) 2. Spuba Okkama: Кражее объевенение (прожае пилогуя) скорев всего gne operson Okkanea: Lo(h) < Ls(h)+ 1 14/4 ln 3 u Lo(a) < Ls(a+) ln(141)+ln(18)

Аписионично монено с формерифовано

Menouver romernant inace runosez entree beevo repruse, reser Sonomeris.

Kan bugno uz nepabenecha, nfu opinandan nunupurenem puene ovenna ma true risk Syset menome y runotezu uz knaeca e menomen monprocoso.