Big'Eurui Sinouia Noum poznogin. Hexañ npob. bunpor. Bepregani. Hexañ Eg (w) - ye uncho burposybano go ?- 20 " yenixy". Hexañ G(60)=1, rogi erpeg n bunpodybane byno r-1 nyemaib "

n-2+1 - " nebgar". Tomy P [ξ(ω) = n] = Cn p² (1-p) = Cn p²

Yett poznogin mazub. big'emmet binom. Mm r=1 macero reonerpurment poznogin. "Lacro pozurgaroso bunagnosy beneruruy & (w) - rueno " rebgor" go 2-20 yening", ragi PIE(w)=n3=Cniz-p (1-p)" "Yeu pozuagin rex big Eurum Sinomiano mui l'inepreduct princere poznofin. Merain & your N kyro, copeg ever M Sineex i N-M replux Mabreaume fuer marors n' + N kyro. Herait E(w) - re x-16 Timex kyro cepeg but kurax n kyro. Togi P3 &(w)= m3 = OMCN-H, max for n - (N-M)}=m= = min & n, M3 Herain n= M, n = N-M=> n = min Jul, N-M3. Togi Obmen i iz bunco poznoginy unobiprescret macino 1= = P = P = (W) = m } = = = 0 CM CN-M => = CN CN-M = CN tubupatore restrict n bupotit. In tues. 4000, uso cepeg men me binour & brandamen (Sémin (N,M)): (n= min (M N-MS)

The second second second second second		Up . Uce	sollo aber	& workers	n
bupotib.	Tog: P2 40	(w) = m3 = 0	in ch-me	3 utprocesses	
			CN		
a juare	176 P1E(w) 253 =	Σ P1 ξ(w)	= m }	

Pojnogiu Nyaccona Oznareseral Bunagroba benuruea & not popular Pyacconer y napametrone & $P(g = n) = \frac{1}{n!} e^{-\frac{1}{2}} n = 0, 1.$ (= 1 m) e = e - e = [recoperus Myaecona Moglorinea nocargo 6yenixy pu i nexació du lintok yenixis Thunganeer : pu lin P (Pn = k) = # . e 3a 1x6 ma eaplep Haglirumo pomento, 3a 0,001 имент мохе бути втражено. (найти иментай и занити Esparene. P(g=K) = C (0,001) K (0,989) 2000-K 1= 2000 0,001 = 2 P(Ph = K) = C1 K Pn K (7-Pn p-K = · 11- 2) -- (1- k-1) (1- Pn) (n.pn) (1-

Ly (x) = 1 11x2 , x + 12. Mamerianierre enogibaner дискрентой ветодовог Врикад. Неган им впортавше п даннових венигия, про шиной P(g. = xu) = Pu, k=1.m E 19 = XE E Z XE TO N 2/2 (n) = 2 15 - 4 m cheyo n-> & T x Dx(n) -> Z xx Px mareaucrurul anogi Barellel Умакения в дискрения винадкова веникина togi it west, emploanementages. tereno: nzi kn Pn = Eg sa grender, yo Z |x n | Pn < 0

Вистивості: tegens. \$ 966, 9:12 -> 12 =>
=> Egigi - 2 g (2.1) Pm (2 /9 (2.1) \ Pm 200) 6 MUNDEUMA P. = P(g-xa) = n-g(g) ∈ 2g(kn), n = 1 / = 2 × , × = 1) 1 En = = = = = P(g(g) = Zz) = Zz, P(U1 g= xn y) hig(xu)= Tex = Z g(xn) Pn A 2 teoperia (The Coureraboer HC) (a) EC=C, C= const (8) 8 30 => E 830 (8) Fleg) = CEg - ognopiquiers (2) E(g,+g2) = E(g,) + E(g2) - which elb (8) 9 = 9 => E9 = E92 - moreoroxiets
(8) 9 = 692 => E9 = E92 - moreoroxiets
(8) 9 = 692 => E93 = moreoroxiets top, lim & gu = En - menepephriets jung (a) Ec=c-1 = C (8) \$30 => \Xu =0 Eg = ExnPh 70 (6) P(G = Ka) = Pa => c & & dcxny Pn = P(cg = ch), c+0 Teg) = Z(cxn)pn = e Z xupu g = (g, g.) , P(gy=xn)=pn P(82=4x)=9x ge 1 (xn, ye), n=1, x7/9

P(g - (xn, yx)) = P(g = xn , 8 = yx) 9((x,y)) = x+y

E g(g) = E(g, + g, +) = Z (x+y) P(g = x, +, -y) = n=1 = ZZ xn P(g=+xn, g==ye)+ZZ yxP(==)= E P(g = x1, g = gk) = E & P(g= xn) + Zyu Z P(g= 4, g-yu) = = Z &u P(g, = xu) + Z yu P(g, = gx) = Eg, + Eg, 3512 aven (8) \(\xi_2 - \xi_3 \) = \(\xi_2 - \xi_3 \) = \(\xi_3 - \xi_4 \) = \(\xi_2 - \xi_3 \) = \(\xi_3 - \xi_4 \) = \(\xi_4 - \xi_5 \ (e) An = 2 gn = 7 Ey 1 s2, 8>0 C= max y (w) < 00 (00=>, 40 po yoursa) Sn 7 (n - E) fm W=> E Sn 7 E (n-E) - In) = E (n-E-1/2 + E tm)= (14 = 1-1/4) = En - E - En 1/4 + EE TA (1) (E14 = A(A) = P(A): 1 + P(A). 0 = P(A)), 14 4-C/4 EZE = CPAN (E) En - & - CP(An) + &P(An)

Fremenga. 1. Elp = P(A) 2. g= Z Cu TAX => Eg = ZCLP(Ax) 3. One dinoceiansmore rapidging 3 (mp) & = B(n,p), E & = np emocis *) E & = \(\frac{2}{k} \) k Cok p k q n-k = mp \(\frac{(n-1)!}{(k-1)!} \frac{(n-1)!}{(k-1)!} \) = up (p+q)"=up d) 3 au, n=19, a(2) = = = ant Inan = a(x) a/2) = = = = = (C x peg kg "- x = [p2+q]" Eg = 2 K Cap & qu-K = a'/1)

Eg = up (pt+q)n-1/2=1 - np 4) g 2 G(p), P(g=n) = pgn-1, n=1,2, Eg = \(\bar{\gamma} \mathre{\bar{N}} \cdot \bar{\bar{\gamma}} \begin{pmatrix} \pi & \quad \bar{\gamma} & \bar{\gamma} & \\ \pi & \\ \end{pmatrix} = \bar{\bar{\gamma}} & \\ \pi & \\ \end{pmatrix} = \bar{\bar{\gamma}} & \\ \pi & \\ \end{pmatrix} = \bar{\gamma} & \\ \pi & \\ \pi & \\ \end{pmatrix} = \bar{\gamma} & \\ \pi & \\ \pi & \\ \pi & \\ \end{pmatrix} = \bar{\gamma} & \\ \pi & 5) & = 17(x), P(g=n) = 1 e-1, n=0,1