Door Tumopois 7 prins 2 Bapuers 8. Uluceur of Denon Bornha Rr c pachp X P{X=3}=0.3, P(X=33=0.7, S= =X) Ungen pacip-e PES= n3, n= 5,6, npirem h~P{n=k3= 1/e-2, 1=2 => P{n=k}=2/e-2 Toras no φ -ne $p(n+1)(x) = \sum p(g)p(n)(x-y)$ woman noop tables p'(x) p'(x) p'(x) p'(x) p'(x) p'(x) x p'(x) p'(x) p'(x) p'(x) p'(x) p'(x) p'(x) p'(x) y = 0.3 - 0.3 - 0.081 - 0.0081 y = 0.102 - 0.1039 - 0.0081 - 0.0081 y = 0.1039 - 0.0

Tower obposed, $P\{S=0\}=e^{-2}$ $P\{S=1\}=0.3 \cdot \frac{2e^{-2}}{3!} = 0.6e^{-2}$ $P\{S=2\}=0.09 \cdot \frac{2^{2}e^{-2}}{3!} = 0.18e^{-2}$ $P\{S=3\}=0.12e^{-2} + 0.027 \cdot \frac{2^{2}e^{-2}}{3!} = 1.436e^{-2}$ $P\{S=4\}=0.42 \cdot \frac{2^{2}e^{-2}}{2!} + 0.0681 \cdot \frac{2^{4}e^{-2}}{2!} = 0.8454e^{-2}$ $P\{S=5\}=0.189 \cdot \frac{2^{2}e^{-2}}{3!} + 0.00243 \cdot \frac{2^{2}e^{-2}}{5!} = 0.25448e^{-2}$ $P\{S=6\}=0.49 \cdot \frac{2^{2}e^{-2}}{3!} + 0.00243 \cdot \frac{2^{2}e^{-2}}{5!} = 0.25448e^{-2}$ $P\{S=6\}=0.49 \cdot \frac{2^{2}e^{-2}}{3!} + 0.00243 \cdot \frac{2^{2}e^{-2}}{5!} = 0.000729 \cdot \frac{2^{2}e^{-2}}{5!} = 1.0304648e^{-2}$

400 a 1 persons noch HOLSTY

2) N-CB, ruche bannar, PEN=13=Cx.025.034-1 1/2 - CB, ORDENEN. BOUNDED, ish e perp. 5 = 5 X2 - CB, coepicy nu. eginnath. Masin EES3, DES3, Us (4) E[5] = E[E[5]N] = E[E[E[Xi]N]] = [Xi ~iid], · E { N. E { x ; } } = E { x ; } · E { N } E { xi } > 1 - 0.2 + 2 - 0.5 = 3 - 0.2 + 4 = 0.1 = 2.2 E{N3=4.0.2=0.8 D{9}=E{D{SIN}}+D{E{SIN}}=E{N.D{xi}}+ + D{E{Xi}.N3=D{Xi}-E{N}+D{N3(E{Xi}). D{xi3 = E{xi3-(E{xi3)2> E{xi3=12.0.2+22.0.5+320.2+43.0.4=5.6 => DEX; } = 5.6-2.22 = 0.76 D{N3=4.02.08=0.64=> D{5}=0.76.08=0.64.22= 23.7056 Ma(f)= E{et2}=E{E{et3IN3}-E{Mx(F)n3}. = E { enla ux(+)} - ela(la elx(+)) Un(t)= E[e+N]=(1-0.2+0.2e+)=(03+0.2e+)=02(4+++)" lig(t)=0.2"(4+Ux(t))4 PERTOF Ux(t)=E{etxi}=0.2e+0.5e+0.2e+0.2e+0.1e Us(t)=0.24 (4+0.2e+0.5e2+0.2e3+0.2e4+)4