







مثال نه بر تقلی دی و Produced with a Tial Version of PDF Annotator - www.PD Annotator.com [[1] = 1 = 6 [[6] = 6 = 7 [[7] = [[a] + 6] $= \sum_{N \in \mathbb{R}^n} (an + b) p(X = n) = \sum_{N \in \mathbb{R}^n} an p(X = n) + \sum_{N \in \mathbb{R}^n} b p(X = n)$ $= \sum_{N \in \mathbb{R}^n} (an + b) p(X = n) = \sum_{N \in \mathbb{R}^n} an p(X = n) + \sum_{N \in \mathbb{R}^n} b p(X = n)$ 111 (2) - ablx] - ablx] +b = ablx] +b P(X=N) = L السفلال دوسيرها دوع p(X=2, 9 Y=y,) =2 p(A 0 B) = p(A) . p(B) دوسونسادی کوم مسلما آسر P(X=Ni) Y=y;)=p(X=No) p(Y=yo) TriagieRXXRY Bis; ىل. نا،نام توزى كسائ وسول! نىد X19 -- ~ Xn ورُ كُلُين از لسرايي: X19 - Xn Junio Xn Junio Xn Junio Xn 2=X1+ + Xn => E[2] = E[X1+ --... Xn] = E[X,] + + E[Xn] X - Bing mial (ngp) = 7 X = X1 + Xr > - Xn EX = EXI+ EXY = -- Exn = np مال . دغالم سوالحاسد.

$$P_{\chi}(n) = \begin{cases} 0/0 & \lambda = 1.0 \\ 0 & 0 \end{cases}$$

EX = 20

EL(X-EX) =
$$\sum_{x \in R_{N}} (x - EX)^{x} \rho(x = N)$$

$$\sum_{x \in \mathcal{R}} \chi^{x} \rho(x = x)$$

$$= (X - A)$$

$$= \sum_{x \in R} p(x = x)$$

$$= [X - Y \times Ex + Ex] = [Ex] - Y E[x Ex] + E[Ex]$$

$$= \sum_{x=1}^{N} -x = \sum_{x=1}^{N} -\sum_{x=1}^{N} -\sum_{x=1}^{N} = \sum_{x=1}^{N} -\sum_{x=1}^{N} = \sum_{x=1}^{N} -\sum_{x=1}^{N} = \sum_{x=1}^{N} -\sum_{x=1}^{N} -\sum_{x=1}^{N} = \sum_{x=1}^{N} -\sum_{x=1}^{N} -\sum_{x=1}^{N$$

$$var(x) = (1p + o(1-p)) - (1p + o(1-p)) = p - p' = p(1-p)$$



$$E((ax+b-E(ax+b)))=?$$

XL ~ Xn

r-var(x) >, omis

اعزاف ممارز









