what it アーナラ

	(only now-sero 1,2 m Nell sour one 1)	6
	E[X1: X1:] = \( \sum_{\text{Xe}(0) \in \sum_{\text{Xe}(0) \infty}} \sum_{\text{Xe}(0) \infty} \sum_{\text{Xe}(0) \infty} \sum_{\text{Xe}(0) \infty} (\text{Xe}, \text{Xe}) = \( \text{Pxe}, \text{Xe}, \text{Xe}, \text{Ye} \)	6
	$= 2 \times 1 \times 1 \times 2 \times$	6
TA-1	= P(Xe;=1 + Xe;=1) = 0 (not possible for both to happen)	8
A Self	So (\( \subseteq \subseteq \text{E(\( \chi_i \chi_i \)} \) - n \( \rho_i \rho_i \) = - n \( \rho_i \rho_i \)	6
	20 (Fi com W) 2. 1 L(L)	•
15	(refer back to var [\$] matrix on p. 15)	•
	가지 가지를 잃었다. 이 등에 가지 않는데 하는데 하는데 그렇게 되었다.	•
9/16	X1, X2 19 U({01,2,3}) := [0 mq. 14] = 4 1 xe {01,2,3,4}	•
	Town Livering	•
4	In general, X ~ U(A) := TAT 1/xeA	- 6
	parameter space: A is a finite set CIK	0
	SUPP [x] = A	
	\$ 53.20 = 1,V10.03 3 =	
	0527	
May .	× CZ Z = M AN LENGTH = 1 200	
	CARLY DIFFERENCE OF THE PARTY O	
	8x1. (x1.x2) = 16 1 x16 {0,1,2,33 1 x26 {0,1,2,33	
	P(t) = \( \sum_{\text{x}_1 \in \text{TR}} \sum_{\text{x}_2 \in \text{TR}} \left( \text{X}_1, \text{X}_2 \right) \frac{1}{2} \ \text{x}_2 = \text{t-x}_1	
	p(1)= 5 5 p 1 x = 1 - x, x . x . x . x	
<u> </u>		
	q.5) = nothing there  Qu) = 4/16	
ATTE TO	- Ca) - Ca	
	on made ( x x x 13 K) = ( on - Lax 2 x 13 ) K = 1	

16

- let y = - X = - > X = - >	746
3(x)	
X~U({0,1,2,3}) => Y~U({0,-1,-2,-3})	
X=0 7 Y=0 SJPP[Y] = - SUPP[X]	
(x-1+2+ 1=-16x) = 1= pla = 1 = pla   = 1 =	
X=2 -7 Y=2 1 1 2 + (-1)	
Y=3 > Y=-3	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
we know supplied and Px(x). We want supplied and Py(	(4).
$P_{V}(y) := P(Y = y) = P(-Y = -y) = P(X = -y) = P_{X}(-y)$	l1+ z! = -7 =
Supp[4]:= {t: Py(Z) >0} = {t: Px(-z)>03 = {-21: Px(Z)>03	Z= *
= -{z':px(z')>0} = - Supp[x]	A Low Hards on
A CONTRACTOR OF THE PROPERTY O	
$x \sim Binom(np)  Y = -x \sim (\frac{n}{2}) p^{-y} (1-p)^{n+y} = {\binom{n}{x}} p^{x} (1-p)^{n-x}$	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
the same the same of the same	
= \( \sum_{\text{xercc}} = 2C+ \)	
all integers and cento	
- \sum_ 1 xeEq.cz =  2d+1 if d\le c	
XEZ-d,d+1,,O,,d-1,d3 (2C+1 if d>C	
- \$1xecgcd = 20	
- 50 1 xeFc, c3 dx = [2d if d 2c	
J-d	
Suitable & Color	Ye in the second of the second
23 Fish management on some fine	
	-
the state of the second second second second	17

_	$X_1, X_2 \stackrel{\text{id}}{\sim} \text{Poisson}(\lambda) := \frac{e^{-\lambda} n^{\lambda}}{x!}$
	$T = \chi_1 + \chi_2 \sim Poisson(2\pi)$
	$P_{X,1}T(X,t) := P_{X,T}(X,t) = P_{X,1}X_{2}(X,t-x) = p(x) p(t-x)$ $P_{T}(t) \qquad P_{T}(t) \qquad P_{T}(x)$
	$= e^{-\lambda}\rangle^{\times} e^{-\lambda}\rangle^{e^{-\lambda}}$
	$ \frac{\left(e^{-2\lambda}(2\lambda)^{t}\right)}{\left(t\right)\left(\frac{1}{2}\right)^{\lambda}\left(\frac{1}{2}\right)^{t-\lambda}} $
	$\begin{pmatrix} t \\ x \end{pmatrix} \begin{pmatrix} \frac{1}{2} \end{pmatrix}^{\times} \begin{pmatrix} \frac{1}{2} \end{pmatrix}^{t \cdot \times}$
A M	Carlos of the Charles to the state of the sent and
13-1-14-15	X, X2 iid Poisson ()
\$ - A	D = X, - X2 = X, + (-X2) SUPP[D] = Z
	$P_{X}(y) = e^{-\lambda} \lambda^{x} \qquad P_{Y}(y) = e^{-\lambda} \lambda^{Y}$
	X!
And water	$D \sim \sum_{\mathbf{x} \in \{0\}_{j}, \cdot, \frac{3}{2}} \frac{\left(\underline{e^{-\lambda}} \lambda^{\mathbf{x}(d-\mathbf{x})}\right)}{\left(\underline{e^{-\lambda}} \lambda^{\mathbf{x}(d-\mathbf{x})}\right)} \underbrace{1}_{\mathbf{d} - \mathbf{x} \in \{0\}_{j} - 1_{j}, \cdots, \frac{3}{2}} = e^{-2\lambda} \underbrace{\sum_{\mathbf{x} \in \{0\}_{j}, \cdot, \frac{3}{2}}}_{\mathbf{x}(\mathbf{x} \cdot \mathbf{d})^{\frac{1}{2}}} \underbrace{1}_{\mathbf{x} \geq \mathbf{d}}$
	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
Physics and the second	12 x x (x x y) 12 9 50
San Charles	$\int M \int_{\overline{a}} d^{3} = -d = \sum_{\infty} \frac{\sqrt{3} \times 4q_{0}}{\sqrt{3} \times 4q_{0}}$
Mary Sales and Sales	2x'+d
	$M = X_1 = X_2 = X_3 + Q = \sum_{j=1}^{3(x_j + Q_j) - Q_j} X_2(x_j + Q_j) - Q_j$
	X=0 (X+9) (X).
t Angle in 1925	$L \rightarrow e^{-2\lambda} \frac{\binom{(2)}{2}^{2x+ d }}{\chi(x+ d )} = e^{-2\lambda} I_{ d }(2\lambda) = Skellom(\lambda, \lambda)$
The same of the same of	X-0 /,e
	INI(22) = Modified Bessel Function of the First kind
	2 STEEL HOSE FILLS
	The state of the s
	End Midterm 1 material
AND DESCRIPTION OF THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER.	

0	
	Continuous Random variables:
A	Wt x, ~ Geom(p) = (1-p)× p 1 x € ξο, 1,3
	$F_{x,(x)} := p(X, \leq x) = 1 - p(X, > x) = 1 - (1-p)^{x}$
	Let n Bernoulli experiments orch between each time period of x scale
	let xn be the waiting time
	Pxn(x)= (1-p) x p 1x+50, t, f,3
	Fx(x)= 1-(1-p)nx
	let n >00, p > 0 s.t. n=np > p=2 similar to the Poisson construction
0	$y = (1 - \frac{1}{2})^{nx}$ $y = 1 - (1 - \frac{1}{2})^{nx}$
	1= (1-0)
P <sub>×0</sub> :=	$\lim_{n\to\infty} P_{Xn}(x) = \left(\lim_{n\to\infty} \left(1-\frac{n}{2}\right)^n\right)^{X} \lim_{n\to\infty} \frac{1}{n} = 0  A^{X}$
Ψ	p-7 n-300
+ x <sub>0</sub> 5 · -	$\lim_{n\to\infty} F_{xn}(x) = 1 - (\lim_{n\to\infty} (1-e^{-x}))^x = (1-e^{-x}) \frac{1}{1+20}$
	supp[xo] = [0,00) -> continuous integral
42.4	Supplixed] =  R =>X== a cont. r.v.
	\( \sigma_{\sigma} \sigma_{\sigma} \sigma_{\sigma} \)
	$\sum_{x \in Sup[No]} P_{Xoo}(x) = 0 \pm 1 \implies \chi_{oo} \text{ has no PMF}$
	Is  im f(x) =0 /
0	Is lim F(x) = 1  It is a CDF
	Is F(v) monotonically increasing?
	$\frac{d}{dx} \left[ F(x) \right] = \lambda e^{-\lambda x} > 0  \forall x \ge 0  \forall x \ge$