EX=
$$\frac{1}{1}$$
 $\frac{1}{1}$ \frac

5.
$$P = \{x = k\} = \{C_{k-1}^{n-1} \mid P^{n-1}(1-p) \mid k-n\} = \{C_{k-1}^{n-1} \mid P^{n-1}(1-p) \mid P^{n-1}(1-p) \mid k-n\} = \{C_{k-1}^{n-1} \mid P^{n-1}(1-p) \mid P^{n-1$$

$$\begin{aligned} \int_{\infty}^{\infty} E(X+Y) &= \int_{-\infty}^{+\infty} \int_{-\infty}^{+\infty} f(x,y) \, dx \, dy \\ &= \int_{0}^{1} \int_{0}^{\infty} (X+y) \cdot 2 \, dy \, dx \\ &= \frac{4}{3} \end{aligned}$$

$$E(X+Y) &= \int_{-\infty}^{+\infty} \int_{-\infty}^{+\infty} Xy f(x,y) \, dx \, dy \\ &= \int_{0}^{1} \int_{0}^{\infty} 2xy \, dy \, dx \end{aligned}$$

到了(河)。"。n) 陌相独组服园从同一分布,且门(三) 和 E \ (京) = n E \ (三) = 1 : E (宗) = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k = | k =

3. Explose for two fixing dy = $\int_{-\infty}^{\infty} \frac{1}{5} (x + y) dy = \frac{1}{3} \frac{1}{$

5. 淡点 5横轴的块的的 X=R050 X=R050·2克d0 = X2R00 元d0+12R00元d0 = X2R00 元d0+12R00元d0 EX = 27 R00元d0

$$= \int_{0}^{\lambda} R \cos \frac{1}{\lambda} d\theta = \int_{0}^{\lambda} R \cos \frac{1$$

1. $E(ax_1-bx_1)$ $D(x_1=3^2=9)$ $D(ax_1=bx_1)$ $=9a^2-9b^2$ $E(ax_1-bx_2)$ $E(ax_1^2-bx_2^2) = 13(a-b)$ $E(ax_1^2-bx_2^2) = 13(a-b)$ $E(ax_1^2-bx_2^2) = 13(a-b)$ $E(ax_1^2-bx_2^2) = 13(a-b)$

 $E(X) = \frac{100}{k=0} E(X_0)$ $E(X) = \frac{100}{k=0} E(X_0)$

X1数以2017分4

E(X)=100E(X+)-100F(X

千、记入为1次射击介1排1的效象 X.服从10-1/24

 $E(x_0) = P(x_0) = P$

1 . L - AT ATY LAN 5. ZRX (5, イプイナルの ニュノン $EX = \mu = 1$ $SRDX = 8^{1/2} I_2$ * Fu = 4 1. X~N(1,I) 10-1-1-1-2 いる服状でN(5.9) $f(z) = \frac{1}{6 \pi R} e^{-\frac{(z-5)^2}{26^2}} = \frac{1}{3 \pi R} e^{-\frac{(z-5)^2}{18}}$ からは、いっていていいいに、ションニーン いか(4-1) 4. 江山が一下でいる。二: 注 いいいのからいまます。 P(+1 (m) [-1912] - 17) = か(い) (か) [でかれるできった」 ニーニーニー いい・しいい ニュー・シューニー かなといれている。ニーススーニー Ste 140 1 (10+x. 1 =

Mox1: 15. My 2007 | 210 - 1, ~

$$E(X) = \int_{-\infty}^{+\infty} x f_{X}(x) dx$$

$$= \int_{0}^{1} x \cdot 2x dx$$

$$= \frac{2}{3} \cdot \frac{2}{3}$$

$$E(Y) = \int_{-\infty}^{+\infty} x y f_{Y}(y) dy$$

$$= \int_{0}^{1} y(1+y) dy + \int_{0}^{1} y(1+y) dy$$

$$= -\frac{1}{6} + \frac{1}{6}$$

$$= 0$$

$$E(XY) = \frac{1}{3} \cdot \frac{1$$

5 、	THEY	0	
	0	3	1/2
		7	黄拉

$$RY = EX = 3$$

$$DX = 3X = 34 \times 4 \times 4 = 16$$

$$DY = 2X = 36$$

$$COV(X,Y) = EXY$$

$$EXY() = \frac{1}{12} - 4X = 4$$

$$PXY = 4 \times 4 = 4$$

$$PXY = 4 \times 4 = 4$$