P(XXXYY) = P(X-YN. (YYY-YN.) = P(X-YN. (N.D.) Fo(-14) = 1-F(14) = 1-F(14) = 1-F(14) stdyingles of stdyingles

X~ Norm((A, A, D) P (xxxxxxx) = P(xxxxxo (x-xvo (x-xvo) -> $P\left(\frac{-\dot{Y}}{N/\varpi}) = \Phi\left(\frac{\dot{Y}}{N/\varpi}\right) - \Phi\left(\frac{\dot{Y}}{N/\varpi}\right) = \frac{1}{N/\varpi}$

= 0/014

P(a/x) = 90% ->P(a-rno) (d-rno) 5 $=1-F\left(\frac{a-Y\Lambda_{2}}{\Lambda_{1}\varpi}\right)=.9\varpi=9$ $F\left(\frac{a-Y\Lambda_{2}}{\Lambda_{1}\varpi}\right)=9/3\varpi$

 $\frac{\partial \mathcal{P}_{0}}{\partial \mathcal{P}_{0}} = \frac{\partial \mathcal{P}_{0}}{\partial \mathcal{P}_{0}} = -1/4 + = 0 \quad \alpha = 1/6 - 1/8 \times 1/4 \times 1/4$ = 144 => Ticher 168 (114 => 166) ىىنى ١١ سىم بورخىيى كىد

X~ Bin (400, 14)

م توریح رو تعدای است

p(x 1) r + 1) = 1-p(x < r +.)

- طی تصدر ورلایاس ، توریح زمال تولید ترانم واد ۱۲۰۰ بر ۱۰۰ بر ۱۴۰ و ۱۱ و ۱۱ میراسی

 $p(X(YY_0) = P(\frac{X-nP}{\sqrt{np(1-P)}}(\frac{YY_0-nP}{\sqrt{np(1-P)}}) = p(Z(\frac{YY_0-YY_0}{|Y|})$ = P(Z{Y/0) = ./99PN => P(X), rv.) = ./04r

· Jeroub (in (P) P(X=1, Y=1) = 11 P(XXI), YXI) = 11.1+ 11+ 11+ 11= 11 (deposit (-D(X x 0,) = 1/+ · / · / · / · / · / · / · = · /) 12. P(X) = { X=0 -11+1.++1.0 = -114. X=1 -1. N+71+ 204=1.4 () メニア リ・リナ ツドナッド・ブロ (9) P(XXI): p(X:0)+p(X:1) = 1/14+ 144 = 10) P(Y) = { Y = , -11 + 1. N + 1. Y = -1 1/4 Y= 1 -1. + 1. Y + 1/4 = -1 1/4 Y= Y = 1. Y + 1. Y + -1 1/4 = -1 1/4 () 16mclb) P(X=ni, Y, yi) = p(X, ni)p(Y, yi), huyi, ni populuti) P(X= Y, Y, Y) =

P(X=Y) = .10 P(Y:Y) = .14 > P(X:Y) = .119 $.119 \neq .14$ $\sqrt{2000}$ $110 \neq .14$ $\sqrt{2000}$ $110 \neq .10$ $\sqrt{2000}$ 110

Plm).
$$\begin{cases} 0 & 24.0 \\ 24 & 04241 \\ -\frac{1}{4}2+\frac{1}{4} & 1/2/4 \\ 0 & 2/4 \\ 0 &$$

$$P(\cdot \bowtie (X \leqslant Y) = F(Y) - F(\cdot \nearrow D) = \frac{p_{k-1}}{p_{k}} = \frac{1}{1}$$

$$\int_{-\infty}^{\infty} n f_n(n) dn = \int_{0}^{\infty} n_n n' dn + \int_{0}^{\gamma/\mu} (v_{/\mu} - \frac{\mu}{\mu} n) n dn \qquad (2.$$



$$\int_{-\infty}^{1} \left(\frac{1}{2} x^{2} + \frac{1}{2} x^{2} \right) \left(\frac{1}{2} + \frac{1}{2} y^{2} + \frac{1}{2} y^{2} \right) = \left(\frac{1}{2} x^{2} + \frac{1}{2} y^{2} \right) \left(\frac{1}{2} x^{2} + \frac{1}{2} y^{2} + \frac{1}{2} y^{2} \right) = \left(\frac{1}{2} x^{2} + \frac{1}{2} y^{2} + \frac{1}{2} y^{2} \right) = \left(\frac{1}{2} x^{2} + \frac{1}{2} y^{2} + \frac{1}{2} y^{2} \right) = \left(\frac{1}{2} x^{2} + \frac{1}{2} y^{2} + \frac{1}{2} y^{2} \right) = \left(\frac{1}{2} x^{2} + \frac{1}{2} y^{2} + \frac{1}{2} y^{2} \right) = \left(\frac{1}{2} x^{2} + \frac{1}{2} y^{2} + \frac{1}{2} y^{2} \right) = \left(\frac{1}{2} x^{2} + \frac{1}{2} y^{2} + \frac{1}{2} y^{2} \right) = \left(\frac{1}{2} x^{2} + \frac{1}{2} y^{2} + \frac{1}{2} y^{2} \right) = \left(\frac{1}{2} x^{2} + \frac{1}{2} y^{2} + \frac{1}{2} y^{2} \right) = \left(\frac{1}{2} x^{2} + \frac{1}{2} y^{2} + \frac{1}{2} y^{2} \right) = \left(\frac{1}{2} x^{2} + \frac{1}{2} y^{2} + \frac{1}{2} y^{2} \right) = \left(\frac{1}{2} x^{2} + \frac{1}{2} y^{2} + \frac{1}{2} y^{2} \right) = \left(\frac{1}{2} x^{2} + \frac{1}{2} y^{2} + \frac{1}{2} y^{2} \right) = \left(\frac{1}{2} x^{2} + \frac{1}{2} y^{2} + \frac{1}{2} y^{2} \right) = \left(\frac{1}{2} x^{2} + \frac{1}{2} y^{2} + \frac{1}{2} y^{2} \right) = \left(\frac{1}{2} x^{2} + \frac{1}{2} y^{2} + \frac{1}{2} y^{2} \right) = \left(\frac{1}{2} x^{2} + \frac{1}{2} y^{2} + \frac{1}{2} y^{2} \right) = \left(\frac{1}{2} x^{2} + \frac{1}{2} y^{2} + \frac{1}{2} y^{2} \right) = \left(\frac{1}{2} x^{2} + \frac{1}{2} y^{2} + \frac{1}{2} y^{2} \right) = \left(\frac{1}{2} x^{2} + \frac{1}{2} y^{2} + \frac{1}{2} y^{2} \right) = \left(\frac{1}{2} x^{2} + \frac{1}{2} y^{2} + \frac{1}{2} y^{2} \right) = \left(\frac{1}{2} x^{2} + \frac{1}{2} y^{2} + \frac{1}{2} y^{2} \right) = \left(\frac{1}{2} x^{2} + \frac{1}{2} y^{2} + \frac{1}{2} y^{2} \right) = \left(\frac{1}{2} x^{2} + \frac{1}{2} y^{2} + \frac{1}{2} y^{2} \right) = \left(\frac{1}{2} x^{2} + \frac{1}{2} y^{2} + \frac{1}{2} y^{2} \right) = \left(\frac{1}{2} x^{2} + \frac{1}{2} y^{2} + \frac{1}{2} y^{2} \right) = \left(\frac{1}{2} x^{2} + \frac{1}{2} y^{2} + \frac{1}{2} y^{2} \right) = \left(\frac{1}{2} x^{2} + \frac{1}{2} y^{2} \right) =$$



=
$$\int_{0}^{y} \int_{1}^{\infty} \frac{1}{4} \left(\frac{2}{4} + \frac{2}{4} \right) dx dy = \int_{0}^{y} \frac{1}{4} \left(\frac{2}{4} + \frac{2}{4} \right) \int_{0}^{\infty} dy$$

$$P_{x(n)} = \int_{V}^{V} \left(x_{+ny}^{V} \right) dy = \frac{V}{V} x_{y}^{V} + \frac{2y^{V}}{V} \left| \frac{1}{V} = \frac{1V}{V} x_{+y}^{V} - \frac{1}{V} \right|$$

$$P_{x(g)} = \int_{V}^{V} \left(x_{+ny}^{V} \right) dx + \frac{1V}{V} \left(x_{+}^{V} + \frac{2^{V}}{V} \right) \left| \frac{1}{V} = \frac{1V}{V} x_{+y}^{V} - \frac{1V}{V} \right|$$

$$= \frac{V}{V} + \frac{V}{V}$$

$$= \frac{V}{V} + \frac{V}{V}$$

$$F_{\chi h} = F_{\chi \gamma}(x_1 + \infty) = F_{\chi \gamma}(x_1) = \frac{F_{\chi \gamma}}{Y} + \frac{F_{\chi \gamma}}{Y}$$

$$E(X)$$
, $\int_{\infty}^{+\infty} 2f_{x}h_{y}$, $\int_{\infty}^{+\infty} n_{x}(\frac{|Y|}{Y}x^{Y}+\frac{y}{Y}x)dx = \frac{x^{Y}+x^{Y}}{Y}\Big|_{0}^{1} = \frac{y}{Y}\Big|_{0}^{1} = \frac{y}{Y}\Big|_{0}^{1}$

$$E[x'] = \int_{-\infty}^{\infty} x' f_{\lambda}(m) = \int_{0}^{1} x' \left(\frac{1!}{\sqrt{\lambda}} x' + \frac{1}{\sqrt{\lambda}} x \right) dn = \frac{1}{|x|} \left(\frac{1!}{\sqrt{\lambda}} x' + \frac{1}{\sqrt{\lambda}} x' \right) dn = \frac{1}{|x|} \left(\frac{1!}{\sqrt{\lambda}} x' + \frac{1}{\sqrt{\lambda}} x' \right) dn = \frac{1}{|x|} \left(\frac{1!}{\sqrt{\lambda}} x' + \frac{1}{\sqrt{\lambda}} x' + \frac{1}{\sqrt{\lambda}} x' \right) dn = \frac{1}{|x|} \left(\frac{1!}{\sqrt{\lambda}} x' + \frac{1}{\sqrt{\lambda}} x' + \frac{1}{\sqrt{\lambda}}$$



$$= 7 K \left(\frac{|A_{ii}|}{r} y + 1 \cdot y^{r} \right) \left(\frac{r}{r}, \frac{r}{r} \right) = 7 K \left(\frac{|A_{ii}|}{r} \times r \right) = 1$$

$$= 7 K = \frac{r}{r}$$

$$=\frac{\mu}{r_{\Lambda_{000}}}\left(1.2\frac{t}{r}\frac{19.00}{r}\right)=\frac{r_{\Lambda_{000}}}{r_{\Lambda_{000}}}+\frac{1}{r_{0}}$$

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