i的: 当 A B 不同时发生时 FN(A+13) = FN(H) + FN(B)

the NyRopi, A: MA 13: Mg

FN (A+18) = $\frac{n_A+n_B}{N}$ = $\frac{\pi}{N}$ (A+18)

@ 林民华鬼牧学米急定和

③ 就多与次数八个大时,可用原率案代替根签

Pr:

$$(1+x)^{a+b} = (1+x)^a (1+x)^b$$

$$\frac{a+b}{\sum_{k=0}^{a+b} c_{a+b}^{k} \times k} = (\sum_{j=0}^{a} c_{a}^{j} x^{i}) (\sum_{j=0}^{b} c_{b}^{j} x^{ij})$$

$$C_{atb}^{K} = \sum_{m=0}^{n} C_{a}^{m} C_{b}^{m}$$

$$3^{\circ} \qquad (1+x)^{\circ} = \sum_{r=0}^{\infty} C_{\alpha}^{r} x^{r} (\alpha GR \alpha \pm 0)$$

$$C_{n} = \frac{(-n)[-n-n]}{r!}$$

$$= (-1)^{r} \frac{n(n+1) \cdots (n+r-1)}{r!}$$

$$= (-1)^{r} C_{n+r-1}^{r}$$

$$= \sum_{(1+x)^{-n}} (1+x)^{-n} = \sum_{r=0}^{+\infty} (-1)^r C_{n+r-1}^r x^r$$

$$((-x)^{-n} = \sum_{r=0}^{+\infty} C_{n+r-1}^r x^r$$

$$\frac{2I}{C_{a4b}^{n}} = \frac{C_{a4b}^{n}}{(a+b)^{n}} \qquad (n \rightarrow \infty)$$

Pr:
$$\frac{a!}{(a-b)!} \frac{b!}{(a+b-n)!}$$

$$\frac{a!}{(a+b-n)!} \frac{b!}{(a+b-n)!}$$

$$= C_1 \left(\frac{\alpha}{atb}\right)^k \left(\frac{b}{atb}\right)^{n-|c|} \qquad (2)$$

$$g_1 = \{(a, b)\}$$
 $g_0 = \{(a, b)\}$
 $\lambda \in m(g_1) = m(g_0) = B_1$

Pr: (1)
$$f(a,b) G g_1$$
 $f(a,b) = \int_{n=1}^{\infty} [ath_n, b) G g_1$
 $f(a,b) = \int_{n=1}^{\infty} [ath_n, b) G g_1$
 $f(a,b) = \int_{n=1}^{\infty} [ath_n, b] G g_1$
 $f(a,b) = \int_{n=1}^{\infty} [ath_n, b] G g_1$
 $f(a,b) = \int_{n=1}^{\infty} [ath_n, b] G g_1$

②
$$\forall [a,b) \in J_{s}$$

 $t_{1} = (a-t_{1},b) \in m(J_{1})$
 $t_{2} = (a-t_{1},b) \in m(J_{1})$
 $t_{3} = (a-t_{1},b) \in m(J_{1})$

$$\Rightarrow m(g_1) = g_1$$

$$\frac{1}{2} P(A_{1} \vee A_{2} \vee A_{3}) - P(A_{1} \vee A_{3}) \cap A_{3} \\
P(A_{1} \vee A_{2} \vee A_{3}) - P(A_{1} \vee A_{3}) \cap A_{3} \\
P(A_{1} \vee A_{2}) + P(A_{3}) - P((A_{1} \vee A_{3}) \cap A_{3}) \\
= P(A_{1}) + P(A_{2}) + P(A_{3}) - P(A_{1} \wedge A_{2}) - P(A_{2} \wedge A_{3} \wedge A_{3}) \\
= P(A_{1}) + P(A_{2}) + P(A_{3}) - P(A_{1} \wedge A_{2}) - P(A_{2} \wedge A_{3} \wedge A_{3}) + P(A_{2} \wedge A_{3} \wedge A_{3}) \\
= P(A_{1}) + P(A_{2}) + P(A_{2} \wedge A_{3}) - P(A_{2} \wedge A_{3}) - P(A_{2} \wedge A_{3} \wedge A_{3}) \\
= P(A_{1}) + P(A_{2} \wedge A_{3} \wedge A_{3} \wedge A_{3} \wedge A_{3}) + P(A_{2} \wedge A_{3} \wedge A_{3} \wedge A_{3} \wedge A_{3}) \\
= P(A_{1}) + P(A_{2} \wedge A_{3} \wedge A_{3} \wedge A_{3} \wedge A_{3} \wedge A_{3} \wedge A_{3} \wedge A_{3}) + P(A_{2} \wedge A_{3} \wedge A_{3} \wedge A_{3} \wedge A_{3} \wedge A_{3} \wedge A_{3} \wedge A_{3}) \\
= P(A_{1}) + P(A_{2} \wedge A_{3} \wedge A$$

Th 1.5.1

$$\begin{cases}
S_1 = A_1 \\
S_2 = A_2 - A_1 \\
S_3 = A_3 - A_1 \\
S_4 = A_4 - A_2 \\
S_6 = A_4 - A_6 - A_6 \\
S_6 = A_4 - A_6 - A_6 - A_6 - A_6 \\
S_6 = A_4 - A_6 - A_$$

$$f_{4}$$
 $S_{i}S_{j}=\phi$ $i\neq j$

$$\begin{cases} \Sigma S_{i}=\Sigma A_{i}=A_{i}\\ \Sigma S_{i}=VA_{i}\end{cases}$$

$$P(\lim_{n\to\infty}A_n) = P(\nabla A_i) + P(\Sigma_i)$$

$$= \lim_{n\to\infty} P(\Sigma_i)$$

$$= \lim_{n\to\infty} P(\Sigma_i)$$

$$= \lim_{n\to\infty} P(X_i)$$

$$= \lim_{n\to\infty} P(A_i)$$

$$= \lim_{n\to\infty} P(A_i)$$

42:
$$B_n \sqrt{2} A_n = B_n T$$

$$D(A_n) = P(\lim_{n \to \infty} A_n)$$

$$P(B_n) = P(\lim_{n \to \infty} A_n)$$

$$P(B_n) = P(\lim_{n \to \infty} A_n)$$

$$P(B_n) = P(\lim_{n \to \infty} A_n)$$

$$P(\lim_{n \to \infty} A_n) = P(\lim_{n \to \infty} A_n)$$

$$P(\lim_{n \to \infty} A_n) = P(\lim_{n \to \infty} A_n)$$

$$P(\lim_{n \to \infty} A_n) = P(\lim_{n \to \infty} A_n)$$

$$P(\lim_{n \to \infty} A_n) = P(\lim_{n \to \infty} A_n)$$

$$P(\lim_{n \to \infty} A_n) = P(\lim_{n \to \infty} A_n)$$

$$P(\lim_{n \to \infty} A_n) = P(\lim_{n \to \infty} A_n)$$

$$P(\lim_{n \to \infty} A_n) = P(\lim_{n \to \infty} A_n)$$

$$P(\lim_{n \to \infty} A_n) = P(\lim_{n \to \infty} A_n)$$

$$P(\lim_{n \to \infty} A_n) = P(\lim_{n \to \infty} A_n)$$

$$P(\lim_{n \to \infty} A_n) = P(\lim_{n \to \infty} A_n)$$

$$P(\lim_{n \to \infty} A_n) = P(\lim_{n \to \infty} A_n)$$

$$P(\lim_{n \to \infty} A_n) = P(\lim_{n \to \infty} A_n)$$

$$P(\lim_{n \to \infty} A_n) = P(\lim_{n \to \infty} A_n)$$

$$P(\lim_{n \to \infty} A_n) = P(\lim_{n \to \infty} A_n)$$

$$P(\lim_{n \to \infty} A_n) = P(\lim_{n \to \infty} A_n)$$

$$P(\lim_{n \to \infty} A_n) = P(\lim_{n \to \infty} A_n)$$

$$P(\lim_{n \to \infty} A_n) = P(\lim_{n \to \infty} A_n)$$

$$P(\lim_{n \to \infty} A_n) = P(\lim_{n \to \infty} A_n)$$

$$P(\lim_{n \to \infty} A_n) = P(\lim_{n \to \infty} A_n)$$

$$P(\lim_{n \to \infty} A_n) = P(\lim_{n \to \infty} A_n)$$

$$P(\lim_{n \to \infty} A_n) = P(\lim_{n \to \infty} A_n)$$

$$P(\lim_{n \to \infty} A_n) = P(\lim_{n \to \infty} A_n)$$

$$P(\lim_{n \to \infty} A_n) = P(\lim_{n \to \infty} A_n)$$

$$P(\lim_{n \to \infty} A_n) = P(\lim_{n \to \infty} A_n)$$

$$P(\lim_{n \to \infty} A_n) = P(\lim_{n \to \infty} A_n)$$

$$P(\lim_{n \to \infty} A_n) = P(\lim_{n \to \infty} A_n)$$

$$P(\lim_{n \to \infty} A_n) = P(\lim_{n \to \infty} A_n)$$

$$P(\lim_{n \to \infty} A_n) = P(\lim_{n \to \infty} A_n)$$

$$P(\lim_{n \to \infty} A_n) = P(\lim_{n \to \infty} A_n)$$

$$P(\lim_{n \to \infty} A_n) = P(\lim_{n \to \infty} A_n)$$

$$P(\lim_{n \to \infty} A_n) = P(\lim_{n \to \infty} A_n)$$

$$[-](n)$$

$$= \frac{\lim_{n\to\infty} P(B_n)}{n\to\infty} = P\left(\lim_{n\to\infty} B_n\right)$$

Pr:
$$P(S|Ai) = P(S|Ai)$$
 $I(S|Ai) = P(S|Ai)$
 $I(S|Ai) = P(S|Ai)$

Pr: $t_0 \in \{A_1\}$ $t_1 \in P(A_1)$

$$F(\Xi^{(n)}) = \Xi^{(n)}$$

$$F(\Xi^{(n)}) > \Xi^{(n)}$$

$$F(\Xi^{(n)}) > F(\Xi^{(n)}) - E$$

$$\Rightarrow P(\underbrace{\sharp_{A}}) \Rightarrow P(\underbrace{\sharp_{A}}) = \underbrace{\sharp_{A}}_{A} P(A)$$

$$\Rightarrow \underbrace{\sharp_{A}}_{A} P(A) - \underbrace{\sharp_{A}}_{A} P(A)$$

(1)
$$A \int_{0}^{4\sqrt{3}} e^{-2x} dx \int_{0}^{4\sqrt{3}} e^{-2y} dy$$
$$= \frac{1}{4} A \int_{0}^{4\sqrt{3}} de^{-2x} \int_{0}^{4\sqrt{3}} d\theta^{-2y}$$

(2)
$$1P = 4 \int_{0}^{2} e^{-2y} dy$$

$$= \int_{2}^{2} 4 e^{-2y} \int_{2}^{2} de^{-2y}$$

$$= (-e^{-4})(1-e^{-4})$$

$$Fg(z) = \int_{-\infty}^{100} dy \int_{-\infty}^{143} P(x,y) dx \qquad (300)$$

$$= \int_{-\infty}^{100} dy \int_{-\infty}^{143} 4e^{-2x} e^{-2y} dx$$

$$= \int_{-2}^{100} dy \int_{-2}^{143} 4e^{-2x} e^{-2y} dx$$

$$=\int_{-2}^{4\sqrt{2}} 2e^{-2y} dy \int_{y+2}^{0} de^{-2x}$$

$$= \int_{-2}^{2} (1 - e^{-iy-2x}) 2e^{2y} dy$$

$$= \int_{-2}^{2} (2e^{-y} - 2e^{-4y-2z}) dy$$

$$= \int_{-2}^{2} d \left(\frac{1}{2} e^{-4y-2z} - e^{-2y} \right)$$

$$= 0 - \left(\frac{1}{2} e^{2z} - e^{2z} \right)$$

$$= \frac{1}{2} e^{2z}$$

$$= \int_{0}^{2} d \left(-e^{2x} \right) + \int_{0}^{2} 2e^{2y} dy \int_{0}^{2} 4e^{2x} e^{-2y} dy$$

$$= \int_{0}^{2} d \left(-e^{2x} \right) + \int_{0}^{2} 2e^{2y} dy \int_{0}^{2} d \left(-e^{2x} \right)$$

$$= \left(-e^{-4z} \right) + \int_{0}^{2} 2e^{2y} \left(e^{-2z} - e^{-2y-2z} \right) dy$$

$$= 1 - e^{-4z} + \int_{0}^{2} d \left(\frac{1}{2} e^{-4y-2z} - e^{-4y-2z} \right) dy$$

$$= 1 - e^{-4z} + \int_{0}^{2} d \left(\frac{1}{2} e^{-4y-2z} - e^{-4y-2z} \right) dy$$

$$= 1 - e^{-48} + (0 - (\frac{1}{2}e^{-28} - e^{-28}))$$

$$= 1 - e^{-48} + (0 - (\frac{1}{2}e^{-28} - e^{-28}))$$

$$= 1 - e^{-48} + e^{-28} - \frac{1}{2}e^{-28}$$

$$= 1 + \frac{1}{2}e^{-28} - e^{-48}$$

$$P\{1 > X\} = \left(\int_{X}^{+\infty} \sqrt{\frac{1}{5\pi^{0}}} e^{-\frac{(X-X)^{2}}{2\sigma^{1}}} dX \right)$$

$$= \left(\left(1 - \sqrt{\frac{1}{5}} (X) \right)^{n} \right)$$