## 164. 11 X~B(15,U2) 二球分子. P(X=K)= CKU2KU815-K. Y(X=3) = U.25. P(X21)=1-Y(X21)=1-P(X20)-P(X=1)=0.833 P([<X<3)= P(X=1)+P(X=2)+P(X=3)= U.613 (3) P(X25) = 15 (202248150 = 0.0608 (4)

A=(福祉) B=(Pa) C=((1)). 1 PLB)=U1. PLB)=U.95. PLB/A)=U.95. PLB/A)=U.01 PLB (B)=0.05 P(B) =099. Y(C) = P(A) Y(C|A) + P(B) P(C|A) = U/x (1 095 0.05+ 09/x (3 0.012x0.99 = 0.0138. (21. P(A/C) = PLAC) = U.IXCBUSE = 0.9806.

P14.14 (20+1)・U3=6.3 二版大学P为 6只、 P(X=6)= Cho U36-U7 = U,1916 ~ 6 ~ m

-WILLIAM

Pb4. 16

選 
$$P(X=k)=e^3\frac{3k}{k!}$$
 版在 h来。

1.  $P(X \le n) = \frac{n}{10}e^3\frac{3^2}{11} \ge 99.6\%$ 

番表、  $n=8$ ・

$$P(S 2)$$

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$$(7) \int_{-\infty}^{+\infty} \frac{1}{\sqrt{|x|}} dx = 2$$