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THEFTHEFT
                                                      (1) 鲁 雜 新 的
                                                  12) X ~B(10,0.2), P(x26)=1-P(x25)=1-0.673=0.379
                                             |P(X=0)| = \frac{e^{-0.5} \cdot 0.5^{\circ}}{\circ !} = e^{-0.5} = 0.6665
|Z| P(X=X) = \frac{e^{X} \cdot V^{X}}{X!}
|P(X=X)| = |P(X=0)| = |P(X=0)| = |P(X=X)| = |
                                              3/5. X~P. (3)
(1) P(X=0) = E3 3°
0! = 0.0498
                                                (2)P(X=Z) = \frac{e^{3}3^{2}}{Z!} = 0.4732 - 0.1991 = 0.2241
                                          39 X ~N(5, 552)
                                                 P(x>8) = P(z>\frac{8-5}{3.5}) = P(z>0.86) = 1-0.8651 = 0.1949
                                                  U) X~N(13.7, 4.32)
                                                           P(X) 15) = P ( x-13.2 > 15-13.2 )
                                                                                                              = P(Z 70.34)
                                                                                                    = 1-P( 7 = 0.34 )
                                                                                                          = 1 - 0.6331
                                                        (2) \times N(13.2, 5.3^2), \overline{X} \sim N(13.2, \frac{5.3^2}{16}), \overline{X} \sim N(0)
                                                                             P(X > 15) = P(X - 15, 2) = P(8 > 1.76)
                                                                                                                            = 1-12(351,36)
                                                                                                                                        = 0.0869 #
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