

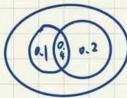
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18-19-1-试题





- . 1. P(TUB) = a9



2. At 取到i个旧球 B二取到新的.

Az: 214 1 = $\frac{C_2^2 \cdot C_8^2}{C_{10}^3} = \frac{8}{17000} = \frac{1}{15000} \times \frac{7}{100} = \frac{7}{1500}$

 $A_{1} = \frac{110 \times 241}{C_{10}^{2}} = \frac{10 \times$

P(B) = P(A,B) + P(A,B) + P(A,B) = 7+12+35 - 84 =

P(A|B) = P(A|B) = 42 = 1

 $EX = \frac{3}{10} + \frac{b}{20} + \frac{3}{20}$

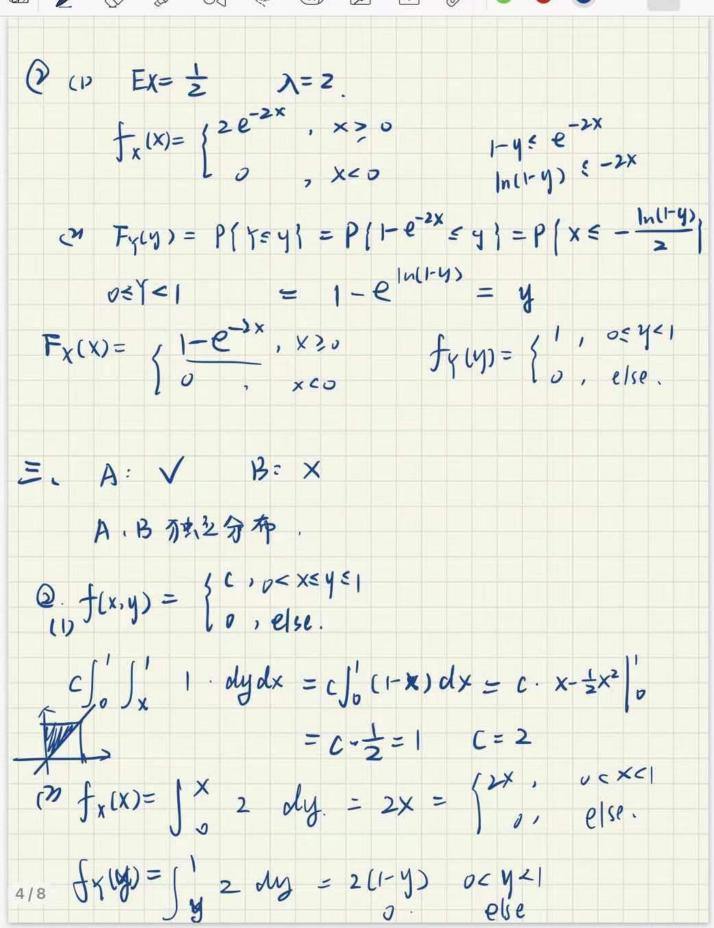
 $x = \frac{1}{2} \times \frac{1}{5} = \frac{1}{10}$

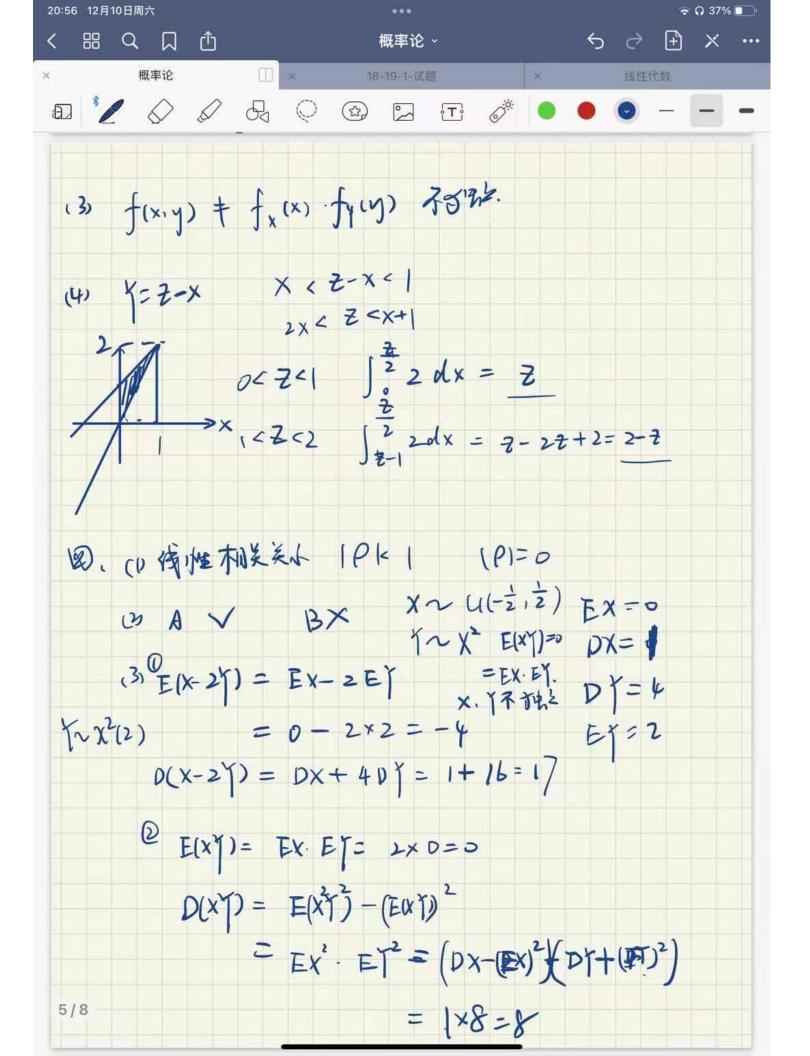
 $\chi = 2 \frac{1}{2} \times \frac{1}{3} \times \frac{1}{4} = \frac{3}{10}$

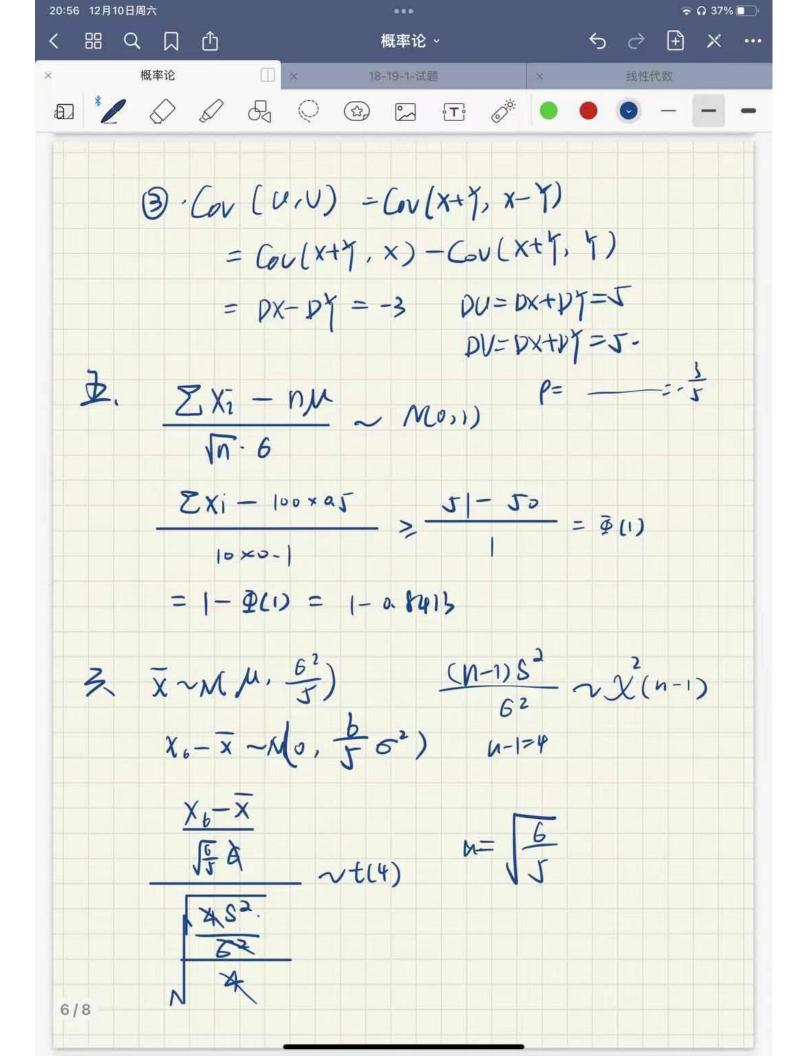
= 15 = 3













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6+2+5+2+6=12+4+5=21 $t_m \hat{a} = \bar{x} = \frac{1}{12}(21) = \frac{7}{4}$

In L(0) = nIn0 + (0-1) Eln(xi)

 $\frac{\partial |nL(\theta)|}{\partial \theta} = \frac{n}{\theta} + \frac{n}{2} |n(xi)| = 0.$

 $\hat{\beta} = -\frac{n}{2 |nxi|}$ $\hat{\beta} = e^{-\frac{1}{2}}$

B DEMI = = 1 M+ 1 M= M. EM2 = 3 - = += = 1.

in DM = \frac{1}{9} + \frac{1}{9} + \frac{1}{9} = \frac{1}{3}6^2 DM2= = + + + 64 > DM1.

心 更有多

