$$\begin{array}{lll} & \begin{array}{lll} 2020 \, \text{A} \\ & - \, \text{I.} \left(\begin{array}{c} \text{M.B.} \\ \text{M.B.} \end{array} \right) \left(\begin{array}{c} \text{A.U.B.} \\ \text{A.M.B.} \end{array} \right) \left(\begin{array}{c} \text{A.U.B.} \\ \text{A.M.B.} \end{array} \right) \left(\begin{array}{c} \text{A.D.B.} \\ \text{A.D.B.} \end{array} \right) \left(\begin{array}{c} \text{A$$

 $E(x^{2}) = (E(x))^{2} + o(x) = |+9| = 10$ E(x,Y) = -6? $X \sim B(2, p), Y \sim B(3, p), P(X>1) = \frac{1}{9}, \text{ if } p = ?$ $\frac{1}{3}$ $\frac{1}{2} = \frac{1}{2} P(X+Y>3) = \frac{1}{3}$? X: -2 = 0 = 1 = 12 = 12 $\frac{1}{2} P(X+Y>3) = \frac{1}{8}$? X: -2 = 0 = 1 = 12 = 12 $\frac{1}{2} P(X+Y>3) = \frac{1}{8}$? X: -2 = 0 = 1 = 12 = 12 $\frac{1}{8} P(X+Y>3) = \frac{1}{8}$? X: -2 = 0 = 1 = 12 = 12 $\frac{1}{8} P(X+Y>3) = \frac{1}{8} P(X+Y>3) = \frac{1}$

 $E(2) = E(x\frac{x}{3} + \frac{xy}{2}) = \frac{1}{3}E(x^2) + \frac{1}{2}E(xy) = \frac{10}{3} + \frac{1}{2} = \frac{1}{2}$

	3. $C \neq E(X)$. If, $\vec{\varphi}$ be $Var(X) < E((X-C)^2)$.																										
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