

2/h (B) 1981 (1018) CIMIA CEN NO1 2 CEILIA CELLE LEIN IC 3UK JISSI 1681 JUE JIS O, "LINIA" 101 Mprs 2 pris 204, 2180 2000 2016 PUD KIU 4100 1830 00 DUR DUN DKO P13, andran I Ida nest of my andran oi. SK ma) 187 3540 bil 168 place 512. Polla CES.AL CONE IN MOCH NEWSONE '20 NO UN 131 129 25 d. C = \ \ \ \ \ \ \ \ P(C=0) = 0.5 131 CERT (CELL NUL 2010C X = 0 P(X=0) = P(X=0|C=0)+P(x=0|c=1)= 2.2 + 2 " 10 = P(Y=0)= 2.2+2.10=10 $V = \begin{cases} 0 & \text{sold} \\ \frac{1}{2} - \frac{1}{2} \\ \frac{1}$ + 29 MOR 1188 245 CEIL 18UL 215 LEG. 92V CV 51 CST. * 21 a 221, 1214, 215 US USO 11d USLAR USONGE MORPE 87:1199 1219. * (Mr MICAE $P(X=0,Y=0,C=0) = P(X=0,Y=0|C=0) P(C=0) = \frac{4}{10} \cdot \frac{4}{10} \cdot \frac{1}{2} =$ 0.045 $P(X=0, Y=0, C=1) = P(X=0, Y=0|C=1) P(C=1) = \frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} = \frac{1}{2} \cdot$ 0.125 $P(X=0, Y=1, C=0) = P(X=0, Y=1 | C=0) P(C=0) = \frac{1}{10 \cdot 10} \cdot \frac{1}{2} =$ 0.00 $P(X=0, Y=1, C=1) = P(X=0, Y=1|C=1)P(C=1) = \frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} =$ 0.125 P(x=1, Y=0, C=0) = P(x=1, Y=1 | C=0) P(C=0) = 10.10.2 =0.045 P(x=1, y=0, C=1) = P(x=1, y=1) c=1) P(c=1) = 2 · 2 · 2 = 0.127 P(X=1, Y=1, C=0) = P(X=1, Y=1 | C=0) P(C=0)=10.10.2= 0.047 P(X=1, Y=1, C=1) = P(X=1, Y=1) C=1) P(C=1) = 2 · 2 · 2 = 0.127

1081- X = 4000 FOILHING RUEDING GOLD GOLD

$$P(x=3) = \begin{pmatrix} 5 \\ 3 \end{pmatrix} \cdot 0.7 \cdot 0.3 = 0.3087$$

$$P(x=2) = 1 - P(x=2) = 1 - [P(x=0) + P(x=1)]$$
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$$= 1 - \left[\binom{5}{0} \cdot 0.7 \cdot 0.3 \right] + \binom{5}{1} \cdot 0.7 \cdot 0.3$$

$$= 1 - 0.03078 = 0.96922$$

$$M = E\left(\frac{1}{X}\right) = E\left(\frac{1}{1+1}X^{2}\right) = \frac{100}{100}$$

$$= \frac{1}{100} - E\left(\sum_{i=1}^{100} X_i\right) = \frac{1}{100} \sum_{i=1}^{100} E\left(X_i\right)$$

