Carutasa Abriana Chefania Ghupa 243

## Jema alminar

-2 -

-3

$$\frac{(1)}{(1)} \frac{p^{2}+0.02}{0.2}$$

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b) 
$$X: \begin{pmatrix} 1 & 2 & 3 \\ \frac{1}{3} & p & g^2 \end{pmatrix}$$
 ;  $X^2: \begin{pmatrix} 1 & 4g \\ p & p & p^2 \end{pmatrix}$    
 $\begin{cases} 1 & \frac{1}{3} \\ \frac{1}{3} & \frac{1}{3} \\ \frac{1}{3} & \frac{1}{3} \\ \frac{1}{3} & \frac{1}{3} & \frac{1}{3} \\ \frac{1}{3} & \frac{1}{3} & \frac{1}{3} & \frac{1}{3} & \frac{1}{3} \\ \frac{1}{3} & \frac{1}{3} & \frac{1}{3} & \frac{1}{3} & \frac{1}{3} & \frac{1}{3} & \frac{1}{3} \\ \frac{1}{3} & \frac{1}{3} \\ \frac{1}{3} & \frac{1}{3} &$ 

c) 
$$X: (-1 \ 0 \ 1)$$

$$P^{2} = \frac{9}{25} \Rightarrow P = \frac{3}{5}$$

$$P+2=1-\frac{9}{25}$$
 =>  $P+9=\frac{16}{25}$  =>  $2=\frac{16}{25}-\frac{3}{5}=\frac{16}{25}-\frac{15}{25}=\frac{1}{25}$ 

$$R = \frac{15}{25}$$

$$g = \frac{1}{25}$$

$$2p + \frac{1}{8} = 1 = 1 + 2p = \frac{8-1}{8} = \frac{7}{8} = 1$$

$$\Rightarrow \mathcal{R}(X-Y(0)|X70) = \frac{\mathcal{R}((X-Y(0))n(X70))}{\mathcal{R}(X70)} = \frac{0}{2} = 0$$

$$\frac{1}{2} \frac{1}{2} \frac{1$$

$$= \frac{36 + 98}{14^2} = \frac{134}{196} \ge \frac{61}{98}$$

$$\begin{array}{c} (S) \Rightarrow P(X_1 \lor C_2) = 0 \\ \Rightarrow P(X_1 \lor C_2) = (X_1 \lor S) = P(X_1 \lor S) = 1 \\ \Rightarrow P(X_1 \lor C_2) = P(X_1 \lor C_2) = 1 \\ \Rightarrow P(X_1 \lor C_2) = 1 \\$$

 $= 0.\frac{4}{32} + 1.\frac{1}{32} + 1.\frac{21}{32} + 1.\frac{3}{32}$ 

 $=\frac{25}{32}$