$$P(S_{2}=s, | E_{1}, E_{2}=e_{1}, e_{3})$$

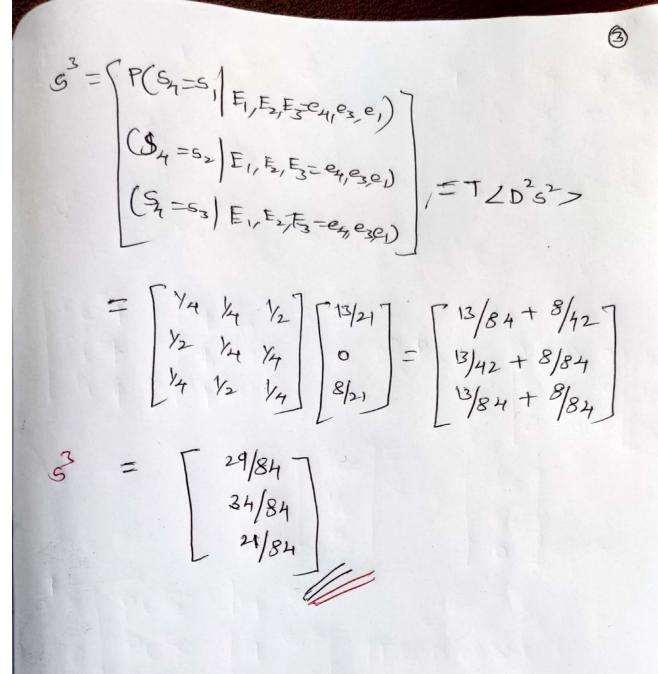
$$P(S_{2}=s, | E_{1}, E_{2}=e_{1}, e_{3})$$

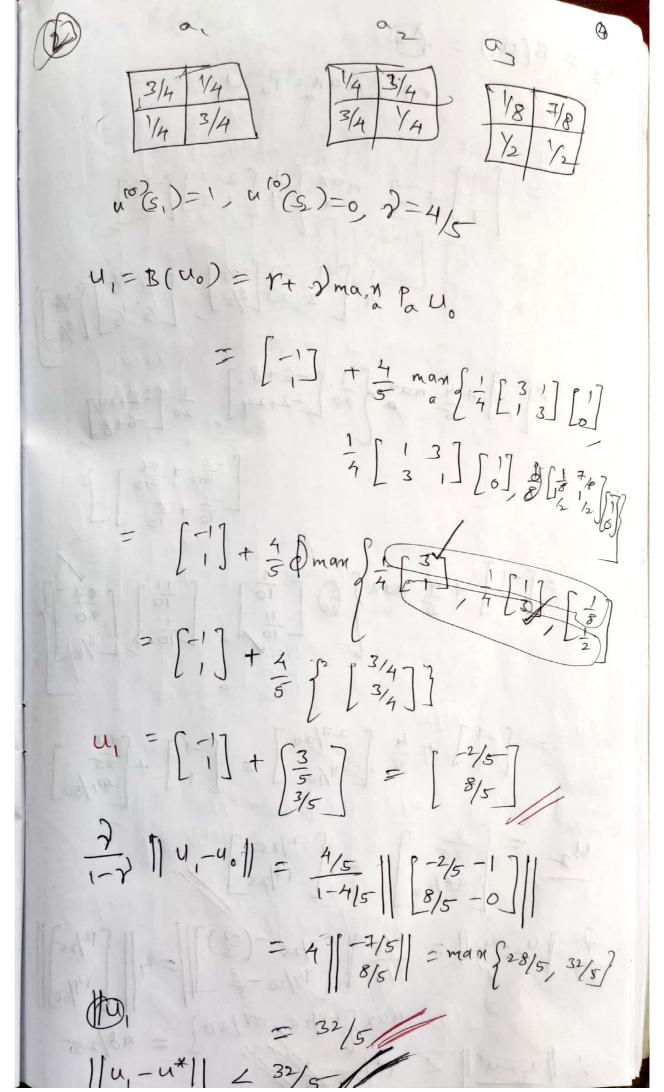
$$P(S_{2}=s, | E_{1}, E_{2}=e_{1}, e_{3})$$

$$P(S_{3}=s, | E_{1}, E_{3}=e_{1}, e_{3}, e_{3})$$

$$P(S_{3}=s, | E_{1}, E_{2}=e_{1}, e_{3}, e_{3})$$

$$P(S_{3}=s, | E_{1}, E_{2}=e_{1}, e_{3}, e_{3})$$





$$u_{2} = 13(u_{1}) = 17$$

$$r + \sqrt{man} \int_{1}^{1} \int_{1}^{2} \frac{3}{3} \int_{0}^{1} \frac{7}{5} \int_{0}^{2} \frac{7}{5}$$

$$U_{3} = BU_{2} = V + \partial V + \partial V + \partial V_{2}$$

$$= \begin{bmatrix} -1 \\ 1 \\ 1 \end{bmatrix} + \frac{4}{5} \quad \text{man} \left[ \frac{3}{1} \right] \begin{bmatrix} \frac{1}{2} / 25 \\ \frac{1}{4} / 25 \end{bmatrix} + \frac{1}{4} \begin{bmatrix} \frac{3}{1} \\ \frac{1}{3} \end{bmatrix} \begin{bmatrix} \frac{1}{2} / 25 \\ \frac{1}{4} / 25 \end{bmatrix} \right]$$

$$= \begin{bmatrix} -1 \\ 1 \end{bmatrix} + \frac{4}{5} \quad \text{man} \left[ \frac{6 + 47}{100} \right] \begin{bmatrix} \frac{2}{100} \\ \frac{2}{100} \end{bmatrix} \begin{bmatrix} \frac{2}{100} \\ \frac{47}{100} \end{bmatrix}$$

$$= \begin{bmatrix} -1 \\ 1 \end{bmatrix} + \frac{4}{5} \quad \text{man} \left[ \frac{53}{100} \right] \begin{bmatrix} \frac{103}{100} \\ \frac{53}{100} \end{bmatrix} \begin{bmatrix} \frac{32}{100} \\ \frac{31}{100} \end{bmatrix} \begin{bmatrix} \frac{31}{100} \\ \frac{31}{100} \end{bmatrix} \begin{bmatrix} \frac{31}{100$$

Scanned by CamScanner

The eargement of 
$$\frac{1}{4}$$
 [  $\frac{1}{3}$  ]  $\frac{1}{3}$  $\frac{1}{3}$  ]  $\frac{1}{3}$  ]  $\frac{1}{3}$  [  $\frac{1}{3}$  ]  $\frac{1}{3}$  ]

$$= \begin{pmatrix} \frac{19}{20} & \frac{-7}{100} \\ -\frac{1}{100} & \frac{11}{100} \end{pmatrix}$$

$$= \frac{1}{100} \begin{pmatrix} \frac{1}{100} \\ -\frac{1}{100} \\ -\frac{1}{100} \end{pmatrix} \begin{pmatrix} \frac{1}{100} \\ \frac{1}{100} \\ -\frac{1}{100} \\ -\frac{1}{100} \end{pmatrix} \begin{pmatrix} \frac{1}{100} \\ -\frac{1}{100} \\ -\frac{1}{100} \\ -\frac{1}{100} \end{pmatrix} \begin{pmatrix} \frac{1}{100} \\ -\frac{1}{100} \\ -\frac{1}{100} \\ -\frac{1}{100} \end{pmatrix} \begin{pmatrix} \frac{1}{100} \\ -\frac{1}{100} \\ -\frac{1}{100} \\ -\frac{1}{100} \end{pmatrix} \begin{pmatrix} \frac{1}{100} \\ -\frac{1}{100} \\ -\frac{1}{1$$

$$\begin{array}{ll}
\Phi & \text{given} \\
& \left[ \text{CI,II}, (2,2), \text{CI,II}, \text{CI,2}, (1,2), (2,2),$$

$$\begin{cases} \begin{cases} Y_{b,1} = P(B=b|F=f) & \alpha P(F=f|B=b) P(B=b) \\ R = P(B=b) P(B=b) \\ R = P$$