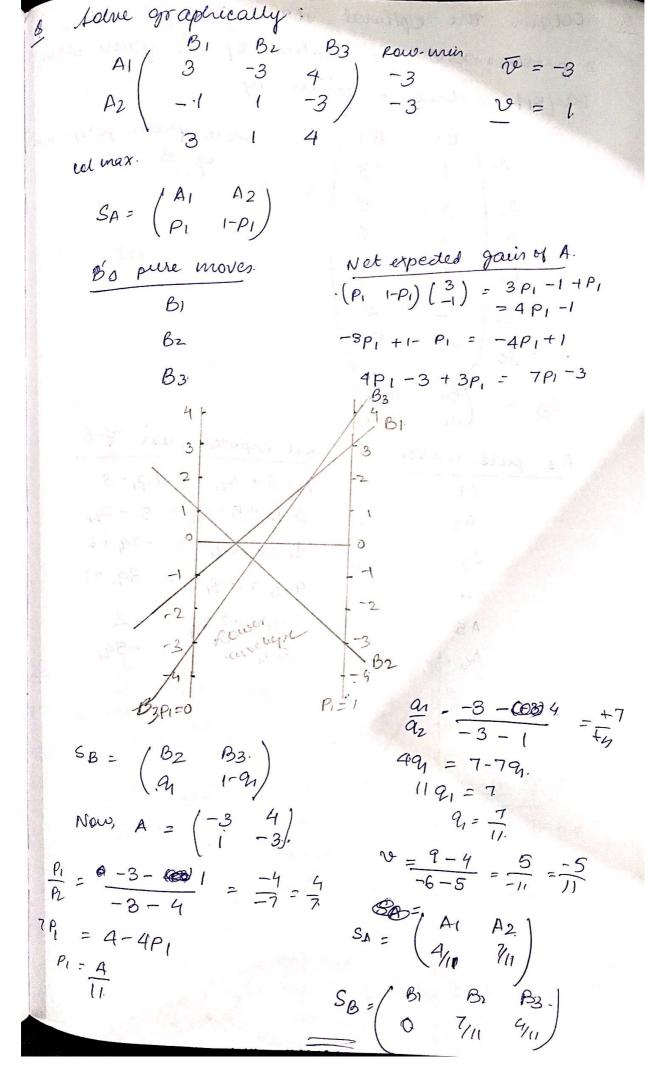
$$S_{0} = \begin{bmatrix} B_{1} & B_{2} & B_{3} & B_{4} \\ O & Q_{1} & O & 1-Q_{1} \end{bmatrix}$$

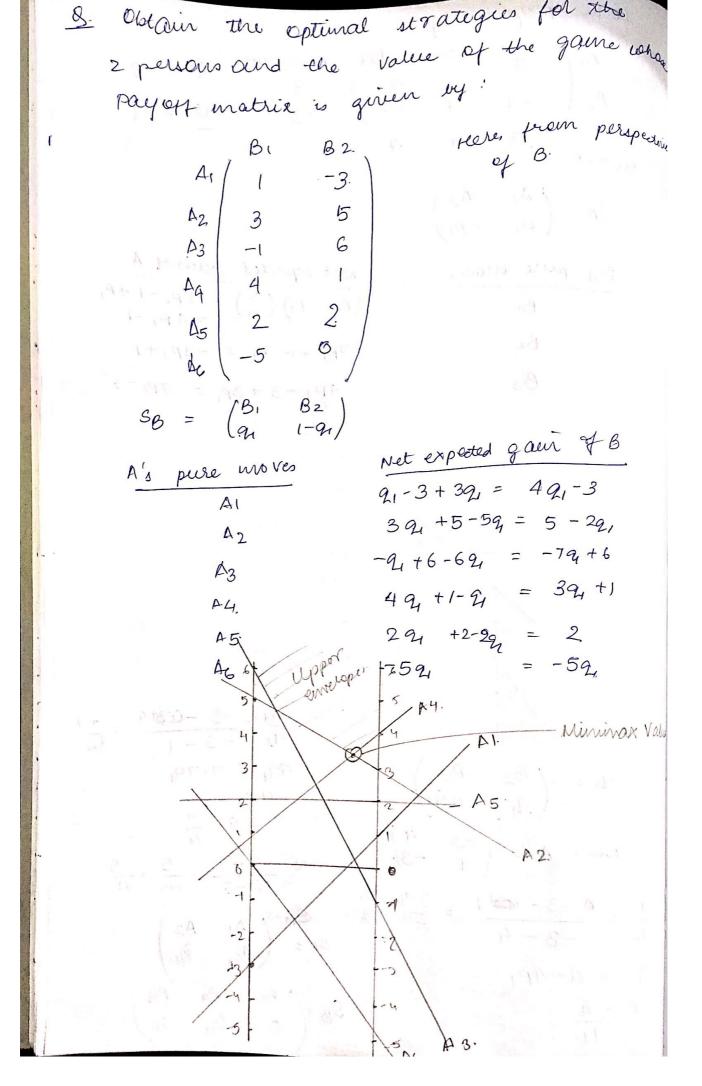
$$\frac{P_1}{1-P_1} = \frac{a_{22}-a_{21}}{a_{11}-a_{12}} = \frac{2-0}{1+2} = \frac{2}{3}$$

$$\frac{a_1}{a_2} = \frac{a_{22} - a_{12}}{a_{11} - a_{21}} = \frac{2 - (-2)}{1 - 0} = 4$$

$$SA = \begin{pmatrix} A_1 & A_2 \\ 2_5 & 3_{5} \end{pmatrix}$$

$$\frac{5}{8}$$
 $\frac{8}{0}$ $\frac{8}{4}$ $\frac{8}{5}$ $\frac{8}{5}$ $\frac{8}{5}$





$$A = \begin{pmatrix} A_{2} & A_{4} \\ A_{1} & 1+P_{1} \end{pmatrix}$$

$$A = \begin{pmatrix} 3 & 5 \\ 4 \end{pmatrix}$$

$$P_{1} = \frac{1 - B_{4}}{3 \cdot 4 \cdot 5} = \frac{-3}{2} = \frac{4}{2} = \frac{3}{4} = \frac{2}{4}$$

$$P_{2} = \frac{1 - B_{4}}{3 \cdot 4 \cdot 5} = \frac{-3}{2} = \frac{4}{2} = \frac{3}{4} = \frac{2}{3 \cdot 4} = \frac{1 - 5}{3 \cdot 4} = 4.$$

$$P_{1} = 4 \cdot 4 \cdot 2 = \frac{3}{3 \cdot 4} = \frac{4}{3 \cdot 4} = \frac{4}{3$$

