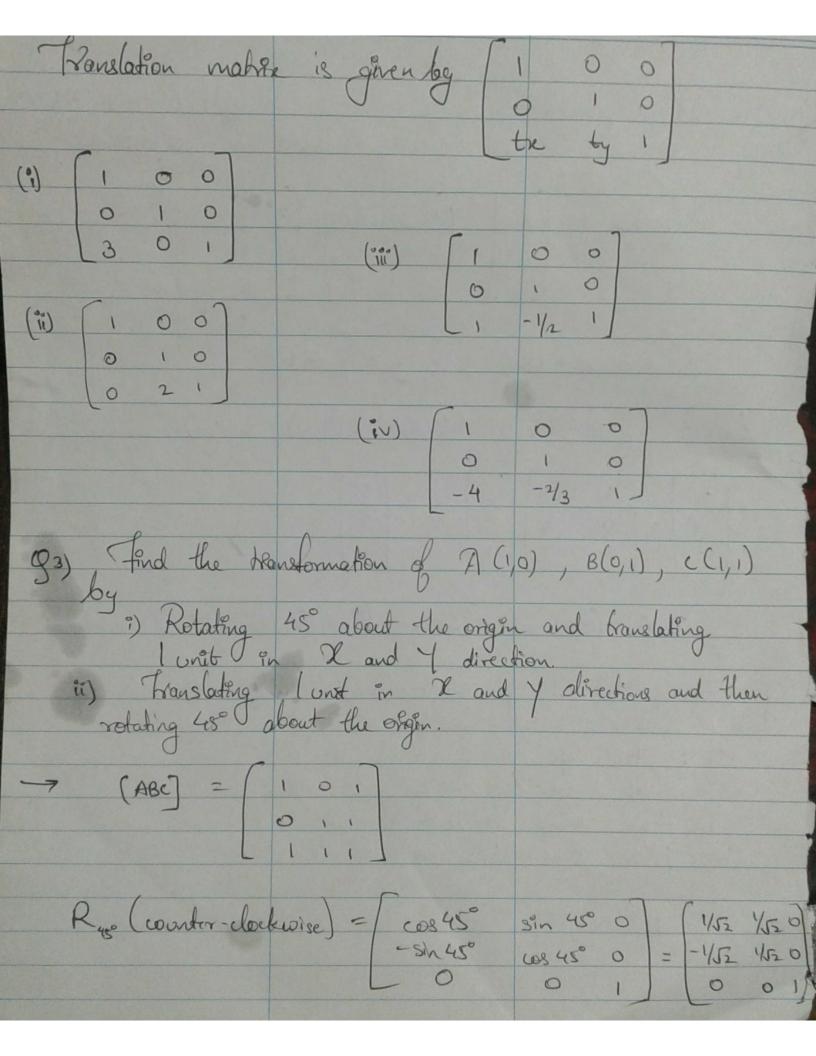
47 DGAD Yash Sarlang CG Assignment 1.051 By 3 units in redirection, 4 units in y directions. Franslation \Rightarrow $\begin{bmatrix} x \\ y' \end{bmatrix} = \begin{bmatrix} 1 & 0 & tx \\ 0 & 1 & ty \\ 1 & 0 & 0 \end{bmatrix} \begin{bmatrix} x \\ y \\ 1 \end{bmatrix}$:. x' = x + tx , y' = y + ty. tx=3, ty=4 & A(2,5); B(7,10); c(19,2). $\begin{bmatrix} x' \\ y' \end{bmatrix} = \begin{bmatrix} 1 & 0 & 3 & 1 \\ 0 & 1 & 4 & 5 \\ 1 & 0 & 0 & 1 \end{bmatrix} = \begin{bmatrix} 5 \\ 9 \\ 1 \end{bmatrix}$:. A' = (5,9) Similarly B' = (10,14), C' = (13,6). (i) Shift image to the right 3 units.

(ii) Shift image to the right 3 units.

(iii) More down 1/2 units be right 1 unit.

(iv) More down 2/3 units be left 4 unit.



Paraletian matrix
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