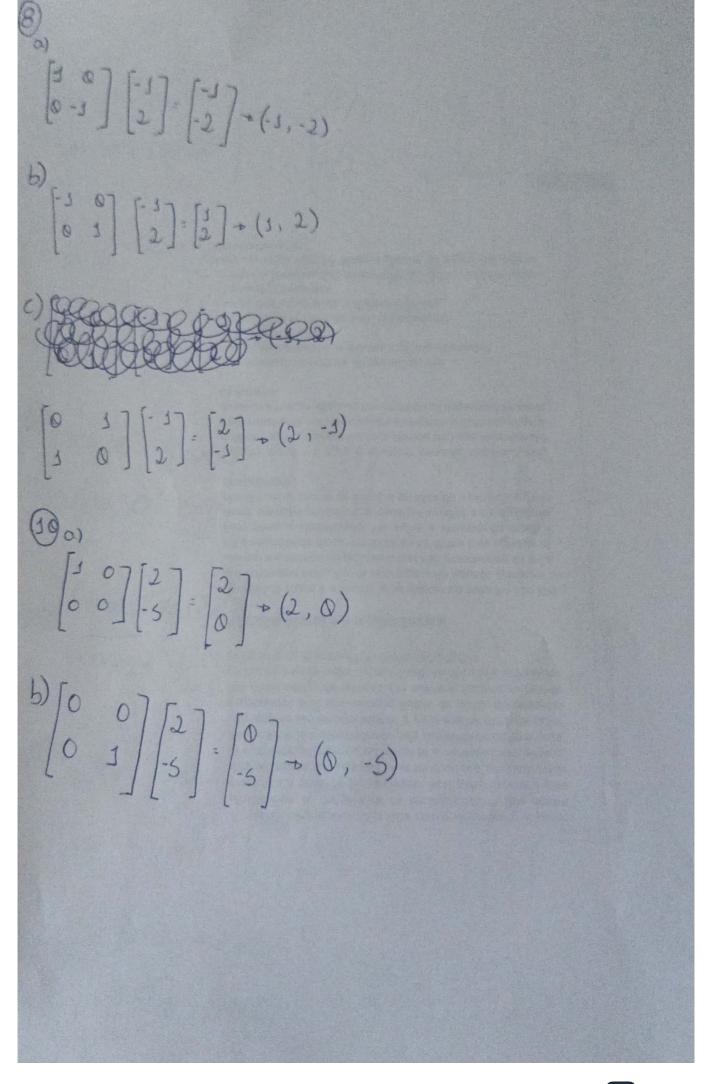
Goboiel Durate Rodniques Broston Ws 3x1+3x2-4x3+3(5)+52-4=3 Wz=4x, +x3+4(-1)+(-1-6)+4=-2 W3=3x,+2x2-x3+3-(-5)+2.2+4=-3 T(-1,2,4)=(3,-2,-3) $\begin{bmatrix} -1 \\ 0 \end{bmatrix} \begin{bmatrix} -1 \\ 4 \end{bmatrix} = \begin{bmatrix} 5 \\ 4 \end{bmatrix} \Rightarrow (5,4)$ (-x3 + x2, x2) -> (-(3)+4, 4)= (5, 4) $\begin{bmatrix} 2 & -1 & 1 \\ 0 & 1 & 1 \\ 0 & 0 & 0 \end{bmatrix} \begin{bmatrix} 2 \\ 1 \\ -3 \end{bmatrix} = \begin{bmatrix} 0 \\ -2 \\ 0 \end{bmatrix} \Rightarrow (0, -2, 0)$ $(2x_1-x_2+x_3,x_2+x_3,0) \rightarrow (4-1-3,1-3,0)=(0,-2,0)$ X3 = -3



$$\begin{array}{c}
d) \\
[\cos 90^{\circ} \cdot 54n30^{\circ}] \Rightarrow \begin{bmatrix} 0 & -1 \end{bmatrix} \begin{bmatrix} 3 \\ -4 \end{bmatrix} = (+\frac{4}{5}, 3) \\
[\cos 90^{\circ} \cdot \cos 90^{\circ}] \Rightarrow \begin{bmatrix} 0 & -1 \end{bmatrix} \begin{bmatrix} 3 \\ -4 \end{bmatrix} = (+\frac{4}{5}, 3) \\
[\cos 90^{\circ} \cdot \cos 90^{\circ}] \Rightarrow \begin{bmatrix} -2 \\ 54 \end{bmatrix} \Rightarrow \begin{bmatrix} -2 \\ 2 \end{bmatrix} \Rightarrow \begin{bmatrix} -2 \\$$

