HOMOGENEOUS - MATRICES TRANSFORMATION

L' CONSIDER DE Frame 0 & frame 1

Frame 0 & frame 2

Frame 0 & frame 2

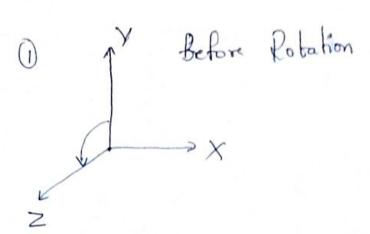
Yo
$$1^{22}$$

Yo $1 \times 2 = \begin{bmatrix} 1 & 0 & 0 & -0.5 \\ 0 & 1 & 0 & 1.5 \\ 0 & 0 & 1 & 1.1 \\ 0 & 0 & 0 & 1 \end{bmatrix}$

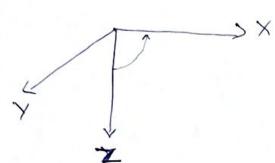
frame 0 -> 00 x0 y0 20

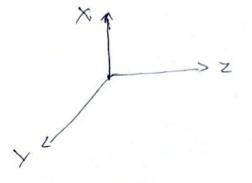
Frame 0 & frame 3

$$X_3$$
 X_3
 X_3
 X_3
 X_4
 X_5
 X_5
 X_5
 X_6
 X_7
 X_8
 $X_$



After M/2 notation about X-AXIS





$$R_2 = x \begin{bmatrix} 0 & 0 & 1 \\ 0 & 1 & 0 \\ 0 & 1 & 0 \end{bmatrix}$$

Composite
$$X = R_1 R_2$$
 $X = X_1 R_2$ $X = X_2 = X_2 = X_1 R_2$ $X = X_2 = X_2 = X_1 R_2$ $X = X_2 =$