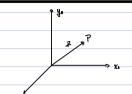
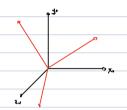
3D TRANSFORMATIONS





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quirtion about
$$\chi$$

WE'L USE ZYZ EVLER X,S

$$\mathcal{P}_1 = \mathcal{P}_2(\phi) \mathcal{P}_y(\phi) \mathcal{P}_2(\psi)$$

$$P_{2R}(\phi, \theta, \psi)$$

$$\begin{pmatrix} \mathbf{p}_{1} \end{pmatrix}^{T} = \begin{pmatrix} \mathbf{p}_{1} \end{pmatrix}^{-1} = \mathbf{p}_{2}$$