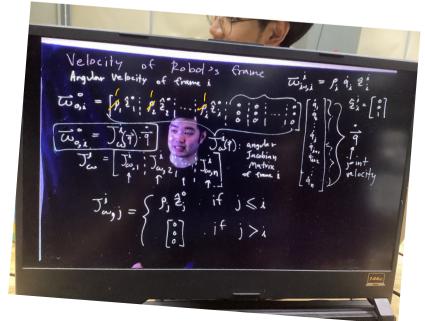
Je = 12000 or and world suited

Angular lineur

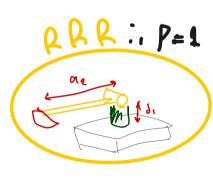
JEMSHI 1010 Z (Nangartia VODNOT = j Junially von Rodotian MARTIX)



## Angular Jacobian

$$Z_{j}^{j} = [0]$$

$$R_{j}^{o} \begin{bmatrix} 0 \\ 1 \end{bmatrix} = Z_{j}^{o} - \begin{bmatrix} A \\ C \end{bmatrix}$$



Angular Jacobain 2 [Zo: Zo: Zo: Zo]

linear Jacobian  $\forall n \quad J_{v,j} = (1-p_j) \hat{Z}_j + p_j \hat{Z}_j \times (\vec{p}_{o,i} - \vec{p}_{o,i})$  $J_{v,j} = Z_j^a \times (p_e - \vec{p}_{o,j})$ J1 = Z0 x (Pe-P[:,0] J2 = Z0 x (Pe-P[:,1] J3 z Z1 x Lp-e - P[:,2]

Linear Jacobian = [Ji; Jz; Jz]