

$$\begin{bmatrix} S_x & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{bmatrix} \begin{bmatrix} 1 & 0 & 0 \\ C_{xy} & 1 & 0 \\ 0 & 0 & 1 \end{bmatrix} \begin{bmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & C_{yz} & 1 \end{bmatrix} \begin{bmatrix} \cos(\theta) & \text{sen}(\theta) & 0 \\ -\text{sen}(\theta) & \cos(\theta) & 0 \\ 0 & 0 & 1 \end{bmatrix}$$

$$\begin{bmatrix} 1 & 0 & 0 \\ 0 & S_y & 0 \\ 0 & 0 & 1 \end{bmatrix} \begin{bmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ C_{xz} & 0 & 1 \end{bmatrix} \begin{bmatrix} 1 & 0 & C_{zx} \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{bmatrix} \begin{bmatrix} 1 & 0 & 0 \\ 0 & \cos(\theta) & \text{sen}(\theta) \\ 0 & -\text{sen}(\theta) & \cos(\theta) \end{bmatrix}$$

$$\begin{bmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & S_z \end{bmatrix} \begin{bmatrix} 1 & C_{yx} & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{bmatrix} \begin{bmatrix} 1 & 0 & 0 \\ 0 & 1 & C_{zy} \\ 0 & 0 & 1 \end{bmatrix} \begin{bmatrix} \cos(\theta) & 0 & -\text{sen}(\theta) \\ 0 & 1 & 0 \\ \text{sen}(\theta) & 0 & \cos(\theta) \end{bmatrix}$$