## Ball Joints (moving axis)



$$
[\boldsymbol{r}]=\left[\begin{array}{ccc}
0 & -r_{3} & r_{2} \\
r_{3} & 0 & -r_{1} \\
-r_{2} & r_{1} & 0
\end{array}\right]
$$

$$
[\boldsymbol{r}] \cdot \boldsymbol{x}=\boldsymbol{r} \times \boldsymbol{x}
$$

