

Tutorial 3, Sep 22, 2025

- Consider $R_2^1 = \begin{bmatrix} 0 & 0 & 1 \\ 0 & -1 & 0 \\ 1 & 0 & 0 \end{bmatrix}$; express this as a sequence of elementary rotations
 - By drawing out the coordinate frames and inspection, this can be decomposed into a rotation about y_1 by $\pi/2$ followed by a rotation about z_* by π where $*$ denotes the intermediate frame