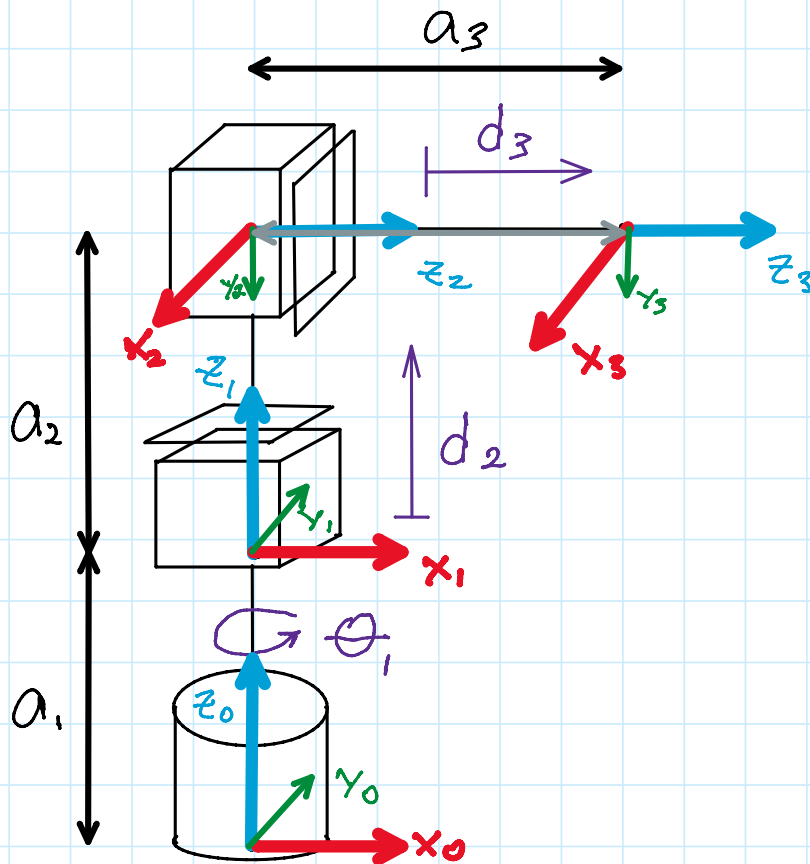


Position Vectors of Cylindrical Manipulator

Friday, 4 November 2022

11:00 am

2. Cylindrical



$${}^0_1P = \begin{bmatrix} 0 \\ 0 \\ a_1 \end{bmatrix} \begin{matrix} {}^0_1x \\ {}^0_1y \\ {}^0_1z \end{matrix}$$

$${}^1_2P = \begin{bmatrix} 0 \\ 0 \\ a_2 + d_2 \end{bmatrix} \begin{matrix} {}^1_2x \\ {}^1_2y \\ {}^1_2z \end{matrix}$$

$${}^2_3P = \begin{bmatrix} 0 \\ 0 \\ a_3 + d_3 \end{bmatrix} \begin{matrix} {}^2_3x \\ {}^2_3y \\ {}^2_3z \end{matrix}$$