



CNRLAB

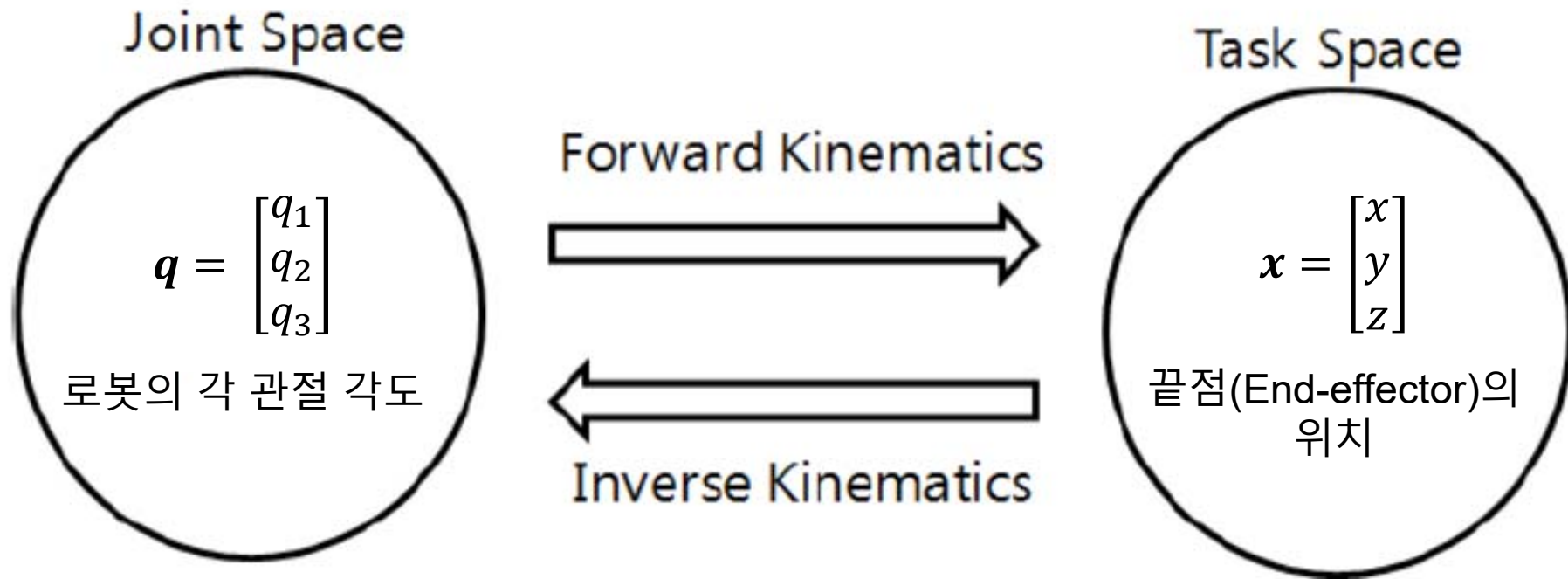
CIM&ROBOTICS LABORATORY

로봇공학입문설계

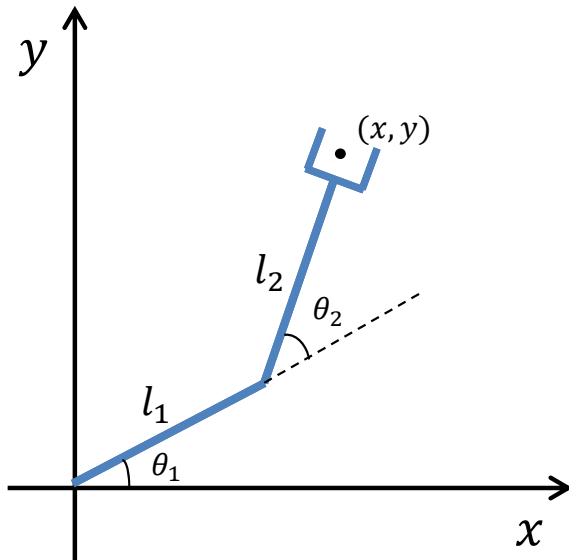
12주차 로봇 팔(1)

로봇공학과

□ Kinematics



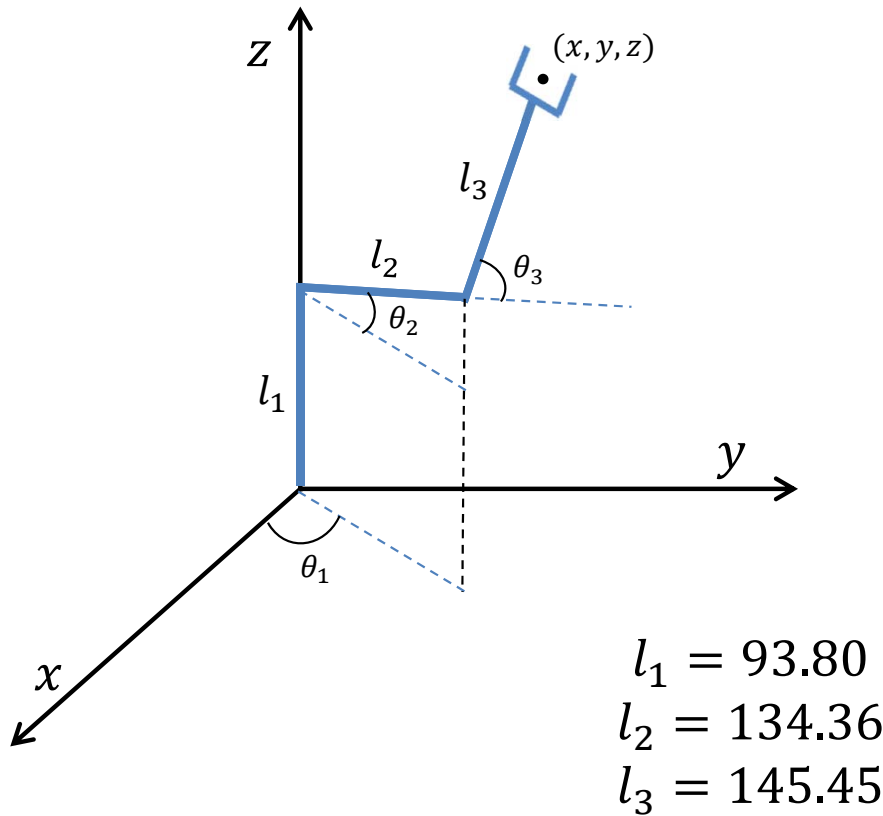
□ 2 link arm



$$\begin{bmatrix} x \\ y \end{bmatrix} = \begin{bmatrix} l_1 \cos \theta_1 + l_2 \cos(\theta_1 + \theta_2) \\ l_1 \sin \theta_1 + l_2 \sin(\theta_1 + \theta_2) \end{bmatrix}$$

과제

□ 3 link arm



$$\begin{bmatrix} x \\ y \\ z \end{bmatrix} = ?$$

□ 3 link arm

$$l_1 = 93.80$$

$$l_2 = 134.36$$

$$l_3 = 145.45$$

