

Robotic Arm DH Parameters and Representation

Link Lengths

$$L_0 = 9.525 \text{ cm},$$

$$L_1 = 1.344 \text{ cm},$$

$$L_2 = 12.000 \text{ cm},$$

$$L_3 = 11.725 \text{ cm},$$

$$L_4 = 12.200 \text{ cm}.$$

Classic DH Table

i	α_i	a_i	d_i	θ_i
0	0	0	9.525	θ_1
1	$-\pi/2$	1.344	0	$\theta_2 - 90^\circ$
2	0	12.000	0	θ_3
3	$-\pi/2$	0	11.725	θ_4
4	$\pi/2$	0	0	θ_5
5	$-\pi/2$	0	12.200	0