



$$\alpha_1 = \widehat{Z_0 Z_1} = \frac{\pi}{2}$$

$$\alpha_2 = \widehat{Z_1 Z_2} = \pi$$

$$\alpha_3 = \widehat{Z_2 Z_3} = 0$$

$$\alpha_4 = 0 \text{ (End effector)}$$