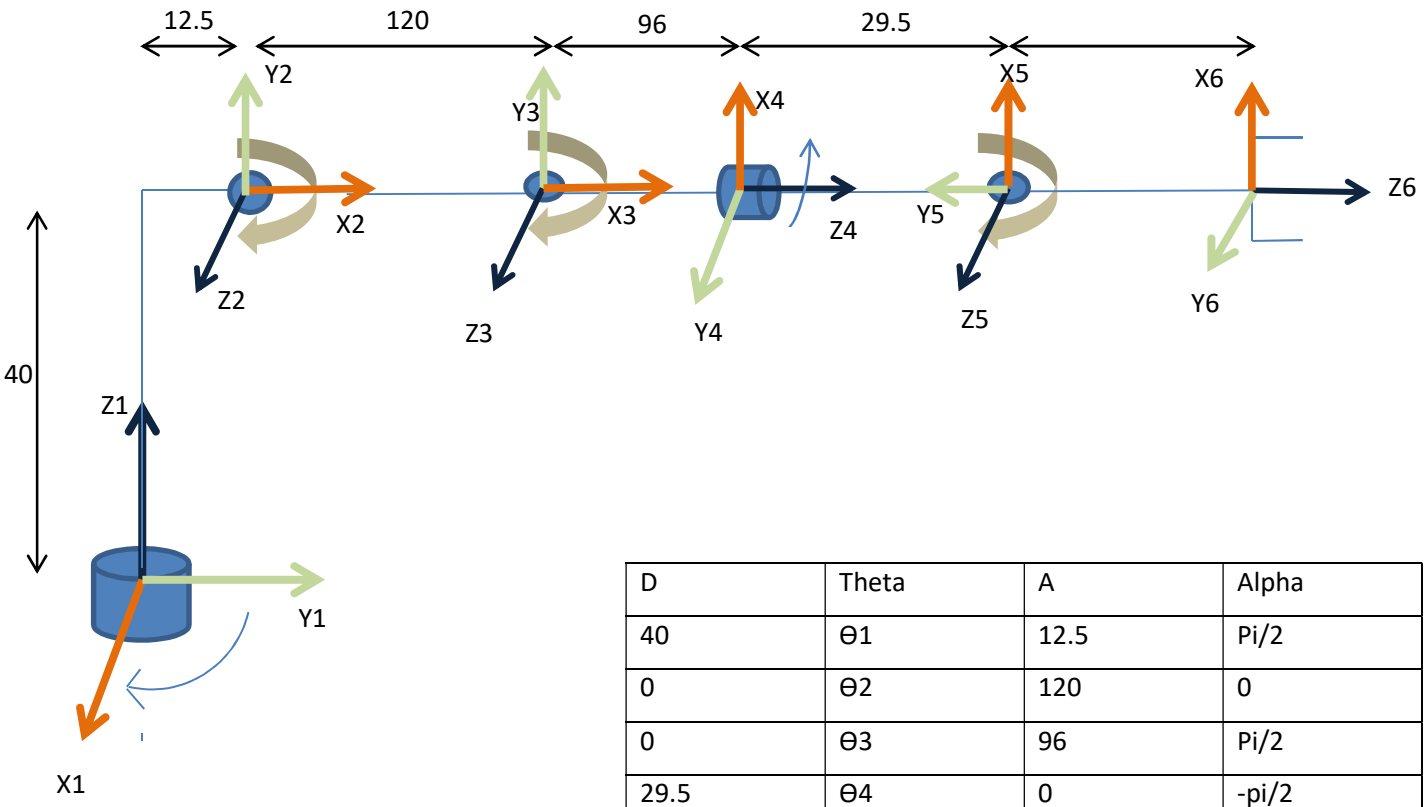

D	Theta	A	Alpha
40	Θ1	12.5	Pi/2
0	Θ2	120	0
0	Θ3	96	Pi/2
29.5	Θ4	0	-pi/2
97	Θ5	0	Pi/2

$$A1 = \begin{pmatrix} \cos\theta_1 & 0 & \sin\theta_1 & 12.5\cos\theta_1 \\ \sin\theta_1 & 0 & \cos\theta_1 & 12.5\sin\theta_1 \\ 0 & 1 & 0 & 40 \\ 0 & 0 & 0 & 1 \end{pmatrix}$$

$$A2 = \begin{pmatrix} \cos\theta_2 & -\sin\theta_2 & 0 & 120\cos\theta_2 \\ \sin\theta_2 & \cos\theta_2 & 0 & 120\sin\theta_2 \\ 0 & 0 & 1 & 0 \\ 0 & 0 & 0 & 1 \end{pmatrix}$$

$$A3 = \begin{pmatrix} \cos\theta_3 & 0 & \sin\theta_3 & 96\cos\theta_3 \\ \sin\theta_3 & 0 & \cos\theta_3 & 96\sin\theta_3 \\ 0 & 1 & 0 & 0 \\ 0 & 0 & 0 & 1 \end{pmatrix}$$

$$A4 = \begin{pmatrix} \cos\theta_4 & 0 & -\sin\theta_4 & 0 \\ \sin\theta_4 & 0 & \cos\theta_4 & 0 \\ 0 & -1 & 0 & 29.5 \\ 0 & 0 & 0 & 1 \end{pmatrix}$$

$$A5 = \begin{pmatrix} \cos\theta_5 & 0 & \sin\theta_5 & 0 \\ \sin\theta_5 & 0 & \cos\theta_5 & 0 \\ 0 & 1 & 0 & 97 \\ 0 & 0 & 0 & 1 \end{pmatrix}$$

X = T(1,4)

Y = T(2,4)

Z = T(3,4)