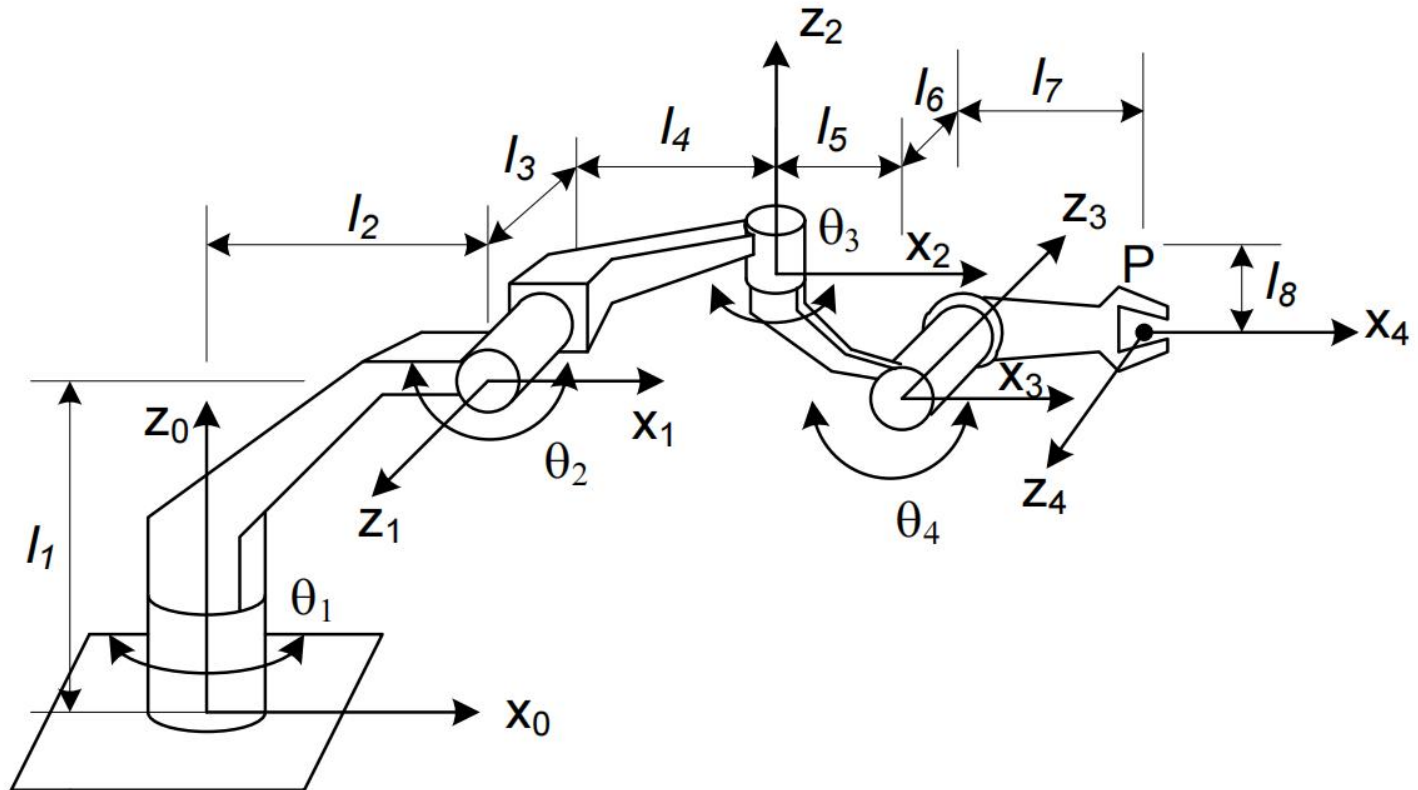


# HOMEWORK

Họ và tên: Trần Hạo Đông

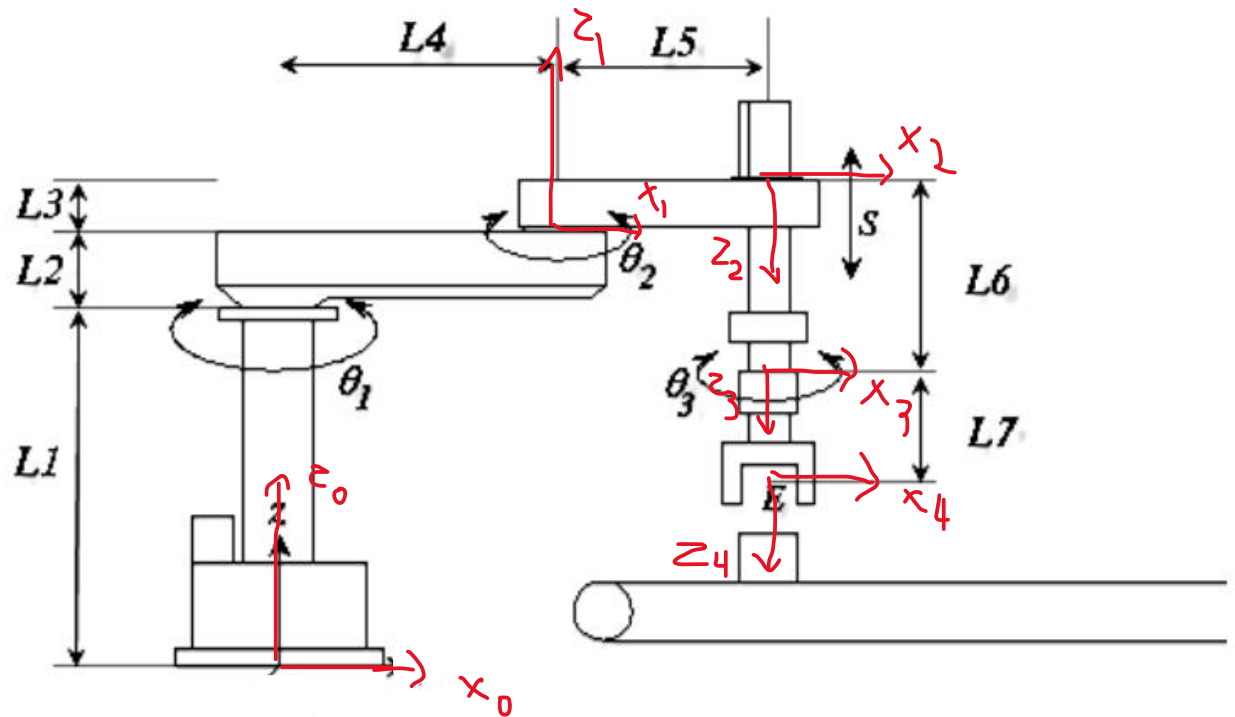
MSSV: 20146166

Bài 4.1:



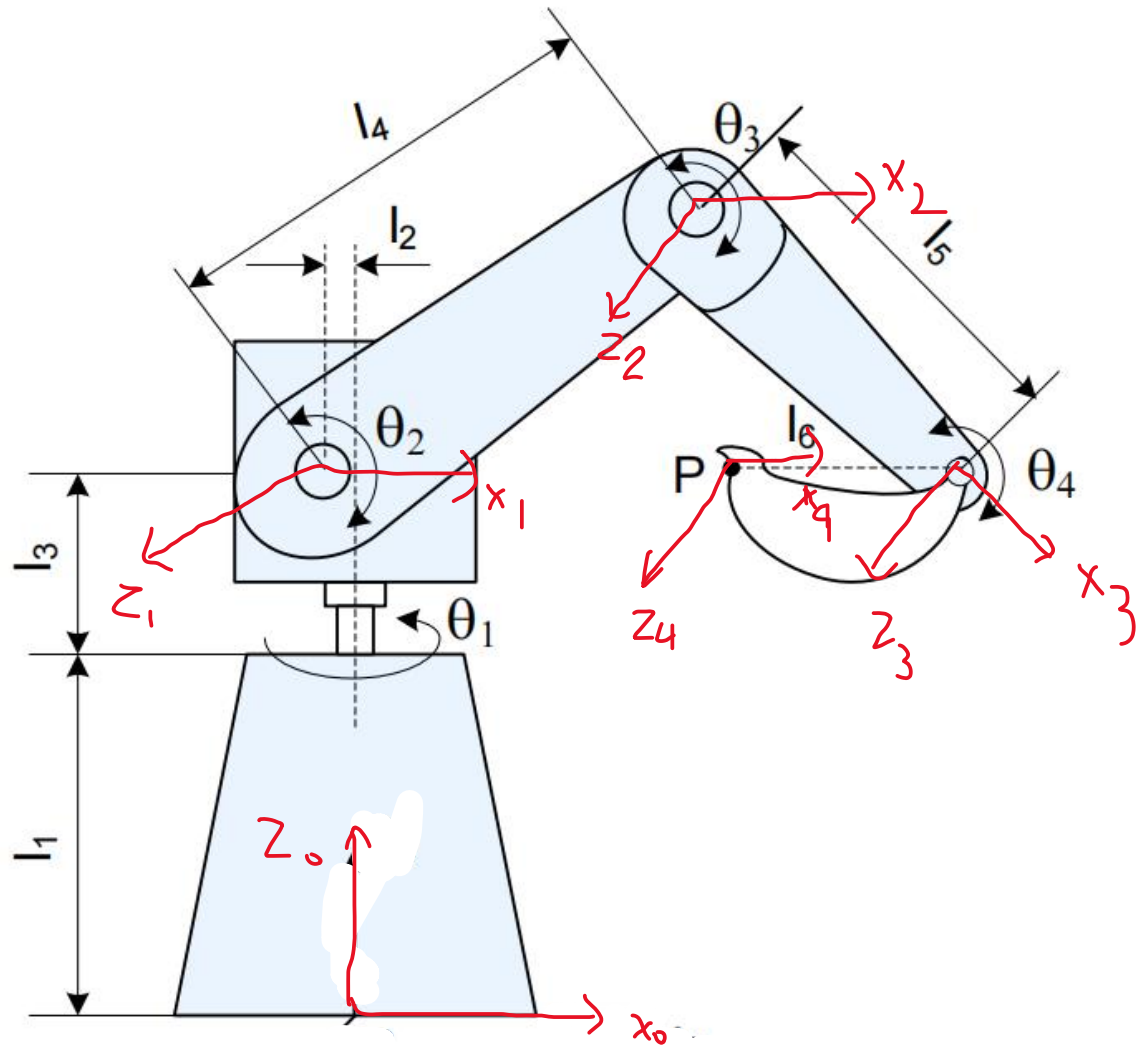
#	$\theta$	L	$\alpha$	d	Var
1	$\theta_1$	$L_2$	$\frac{\pi}{2}$	$L_1$	$\theta_1$
2	$\theta_2$	$L_4$	$-\frac{\pi}{2}$	$L_3$	$\theta_2$
3	$\theta_3$	$L_5$	$-\frac{\pi}{2}$	$L_6$	$\theta_3$
4	$\theta_4$	$L_7$	$\pi$	$L_8$	$\theta_4$

Bài 4.2:



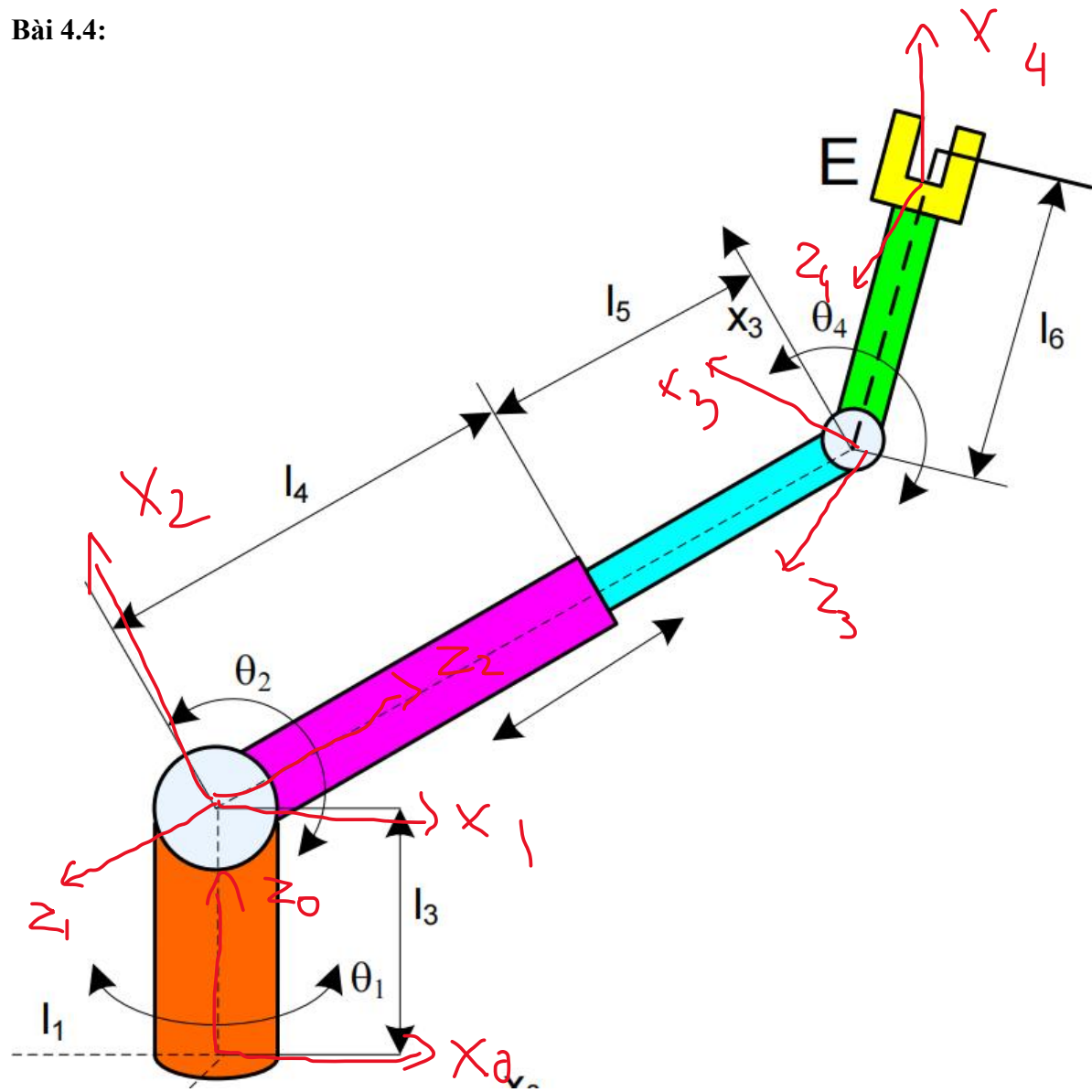
#	$\theta$	L	d	$\alpha$	Var
1	$\theta_1$	$L_4$	$L_1+L_2$	0	$\theta_1$
2	$\theta_2$	$L_5$	$L_3$	$\pi$	$\theta_2$
3	0	0	$L_6+S$	0	S
4	$\theta_3$	0	$L_7$	0	$\theta_3$

Bài 4.3:



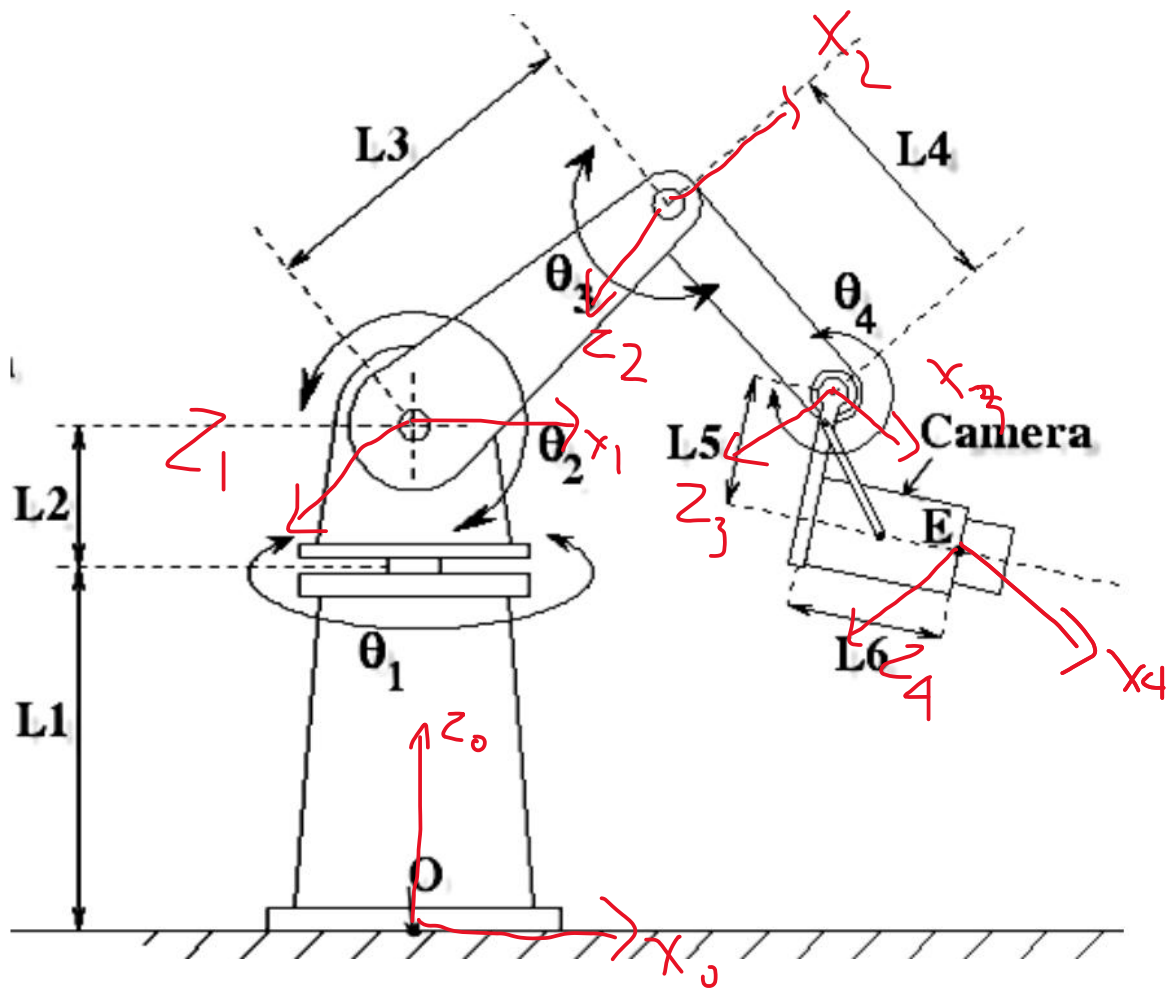
#	$\theta$	$L$	$d$	$\alpha$	Var
1	$\theta_1$	$L_2$	$L_1 + L_3$	$\frac{\pi}{2}$	$\theta_1$
2	$\theta_2$	$L_4$	0	0	$\theta_2$
3	$\theta_3$	$L_5$	0	0	$\theta_3$
4	$\theta_4$	$L_6$	0	0	$\theta_4$

**Bài 4.4:**



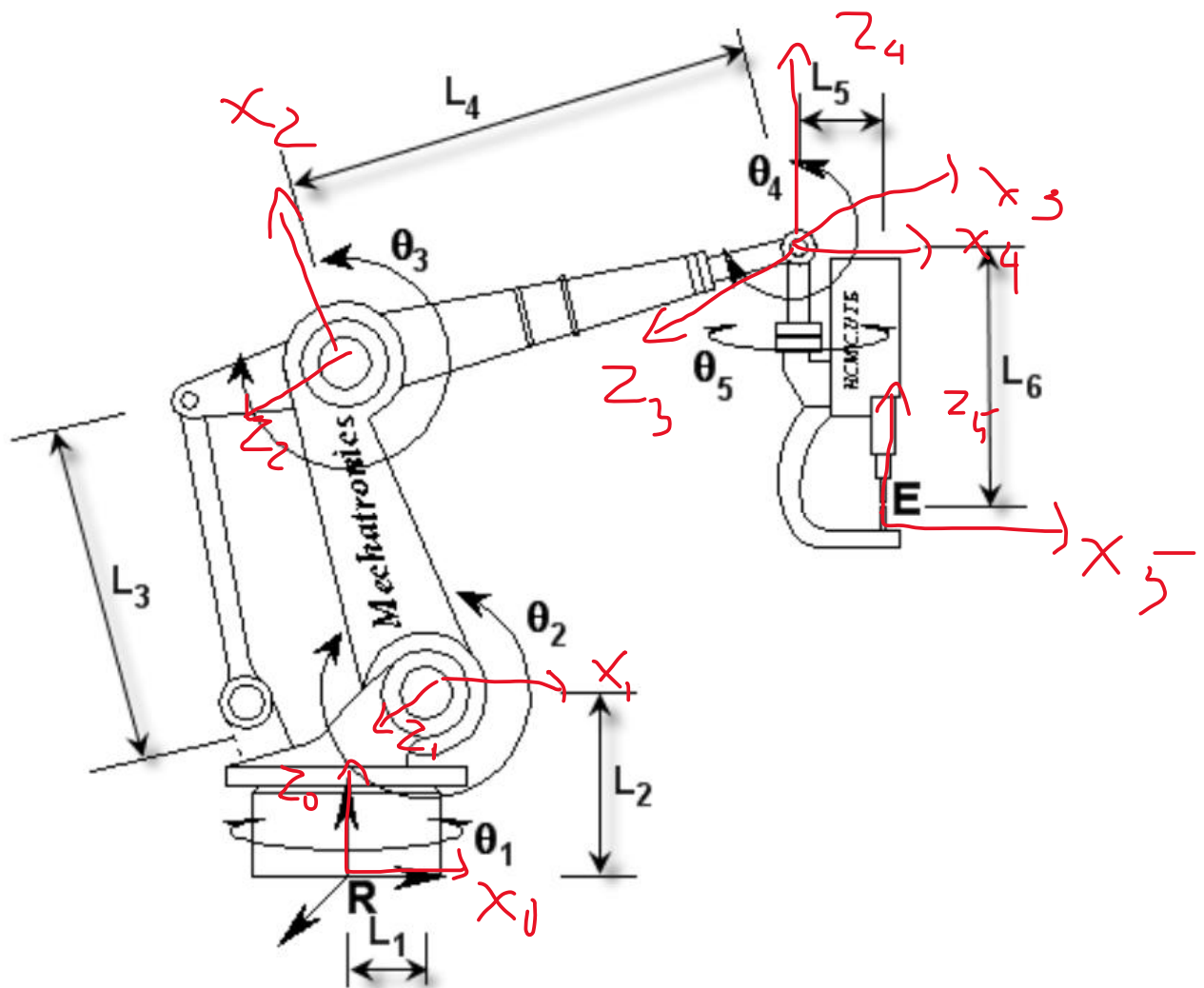
#	$\theta$	L	d	$\alpha$	Var
1	$\theta_1$	0	$L_1$	$\frac{\pi}{2}$	$\theta_1$
2	$\frac{\pi}{2} + \theta_2$	0	0	$\pi$	$\theta_2$
3	0	0	$L_4 + L_5$	$\frac{\pi}{2}$	$L_5$
4	$\theta_4 + \frac{\pi}{2}$	$L_6$	0	0	$\theta_4$

Bài 4.5:



#	$\theta$	L	d	$\alpha$	Var
1	$\theta_1$	0	$L_1+L_2$	$\frac{\pi}{2}$	$\theta_1$
2	$\theta_2$	$L_3$	0	0	$\theta_2$
3	$\theta_3$	$L_4$	0	0	$\theta_3$
4	$\theta_4$	$\sqrt{L_5^2 + L_6^2}$	0	0	$\theta_4$

**Bài 4.6:**



#	$\theta$	L	d	$\alpha$	Var
1	$\theta_1$	$L_1$	$L_2$	$\frac{\pi}{2}$	$\theta_1$
2	$\theta_2$	$L_3$	0	0	$\theta_2$
3	$\theta_3$	$L_4$	0	$\pi$	$\theta_3$
4	$\theta_4$	0	0	$-\frac{\pi}{2}$	$\theta_4$
5	$\theta_5$	$L_5$	$L_6$	0	$\theta_5$