

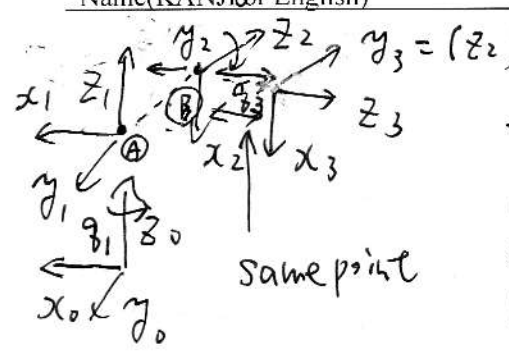
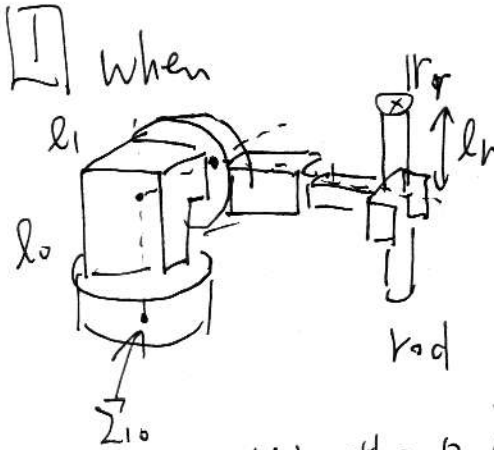
4th

Assignment (Robotics I, Robotics) 1st

(M2, M1, B4, B3, others: CIRCLE ONE)

Major (Department)

Name (KANJI or English)



correct table

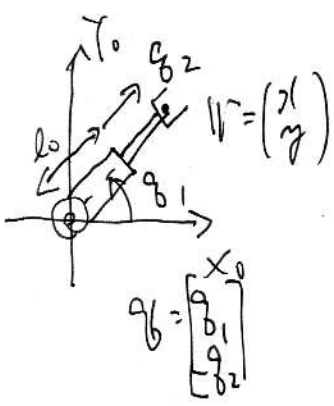
i	1	2	3
a_i	0	0	0
α_i	0	$\pi/2$	$\pi/2$
d_i	l_0	l_1	l_2
q_i	q_1	$q_2 = \frac{\pi}{2}$	$q_3 = 0$

Using the D-H table

describe T_r in Σ_0 when $q_1 = q_2 = 0, q_3 = l_3$

in the blackboard
 $l_1 = 0$
 \uparrow
 incorrect!

2



2-1) describe $r = \begin{pmatrix} x \\ y \end{pmatrix} = \begin{cases} x(q) \\ y(q) \end{cases}$

2-2) find J where $\dot{r} = J(q) \dot{q}$