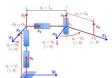
1. Pls upload the solution.

DH Table for 4-dof PRRR spatial manipulator



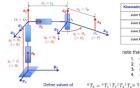
Kinematics	0, Theta [rad]	d,[m]	a, [m]	α _i alpha [rad]
Joint 1	0	*a,	0	0
Joint 2	42	•	٩	- 90"
Joint 3	es.	IA.	٥	0
Joint 4	94	0	lμ	Q

note that

- $\begin{array}{ll} 1, & \theta_1 \text{ (fheta)} = \text{How much to rotate along } Z_{i+1} \text{ axis to align } X_{i+1} \text{ and } X_i \\ 2, & d_i = \text{How much to translate along } Z_{i+1} \text{ axis to align } \Omega_{i+1} \text{ and } \Omega_i \\ 3, & q_i = \text{How much to translate along } X_i \text{ axis to align } \Omega_{i+1} \text{ and } \Omega_i \\ 4, & q_i \text{ (alpha)} = \text{How much to rotate along } X_i \text{ axis to align } Z_{i+1} \text{ and } Z_i \\ \end{array}$

2. Pls upload the solution.

DH Table for 4-dof PRRR spatial manipulator



Kinematics	0, Theta [rad]	d, [m]	a, [m]	α _i alpha [rad]
Joint 1	0	q1	0	0
Joint 2	92	0	0	-π/2
Joint 3	03	I _A	0	π/2
Joint 4	84	0	la.	0

- $\begin{array}{ll} 1, & (i_i(theta_i) = How much to rotate along Z_i, axis to align X_i, and X_i \\ 2, & d_i = How much to translate along Z_i, axis to align O_i, and O_i \\ 3, & a_i = How much to translate along X_i axis to align O_i, and O_i \\ 4, & (alpha) = How much to rotate along X_i axis to align Z_i, and Z_i \\ \end{array}$

- Define values of d1 = 2 m 02 = 90 deg 03 = 0 deg 64 = 60 deg

 - $I_{A} = 2 \text{ m}$ $I_{B} = 1 \text{ m}$

♀ 0 80%

														L
														L

