$$\frac{1}{100} = \begin{bmatrix} x \\ y \end{bmatrix} = \begin{bmatrix} x_{1}(0_{1} + x_{2}(0_{12} + x_{3}(0_{12})) \\ x_{1}(0_{1} + x_{2}(0_{12} + x_{3}(0_{12})) \\ x_{2}(0_{12} + x_{3}(0_{12})) \end{bmatrix}$$

We know
$$R=I+|sindA|+|(11-cos)A|$$
 where $n=In_1n_1N_1$.

(the curis is notation) and 0 is the regulate a_1 relation.

$$R=\begin{bmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{bmatrix}+sino\begin{bmatrix} 0 & -n_3 & n_4 \\ -n_3 & 0 & -n_1 \\ -n_2 & n_1 & 0 \end{bmatrix}+(1-cos)A_1 & A_1 & A_2 & A_2 & A_3 & A_4 &$$

 $T_r(R) = 1 + 2 co$

For any
$$\theta$$
 satisfying $1+2(\theta) = \text{Tr}(R)$, such that
$$\theta \neq \pm n\pi, \quad R = e^{-2n\theta}$$

$$R = \left[-2n_{2}^{2} - 2n_{3}^{2} + 1\right] \quad 2n_{1}n_{2} \quad 2n_{1}n_{3}$$

$$2n_{1}n_{3} \quad -2n_{1}^{2} - 2n_{3}^{2} + 1$$

$$2n_{1}n_{3} \quad 2n_{2}n_{3} \quad -2n_{1}^{2} - 2n_{2}^{2} + 1$$

$$-\frac{1}{2} \quad \text{Molhiple Solutions exist, any method can be usigned.}$$

$$R = \frac{1}{2} + \frac{1}{3} + \frac{1}{2} = \frac{1}{1} + 2 \left[\frac{1}{2} \right]^{2}$$

$$= \left[\frac{1}{2} \frac{1}{n_{1}^{2} - 2n_{2}^{2} + 1} + \frac{1}{2} \frac{1}{n_{1}^{2} - 2n_{2}^{2} + 1} \right]$$

$$= \frac{1}{2} \frac{1}{n_{1}^{2} - 2n_{2}^{2} + 1} + \frac{1}{2} \frac{1}{n_{1}^{2} - 2n_{2}^{2} + 1} = \frac{1}{2} \frac{1}{n_{1}^{2} - 2n_{2}^{$$

5 2 (Hr31) [123] n = 1 | t127 | t m | 132

= 1 [1+v1] | Hz1 [1+v1]

(asl 3:

$$Tr(R) = 1 + 26$$

 $8 = \cos^{-1}(\frac{1}{2}(Tr(R) - 1)) \in [0, T)$
We can find in by
 $r_{32} - r_{23} = 2n_1 so$
 $r_{13} - r_{31} = 2n_2 so$

$$r_{21} - r_{12} = 2n_3 58$$
 $r_{21} - r_{12} = 2n_3 58$

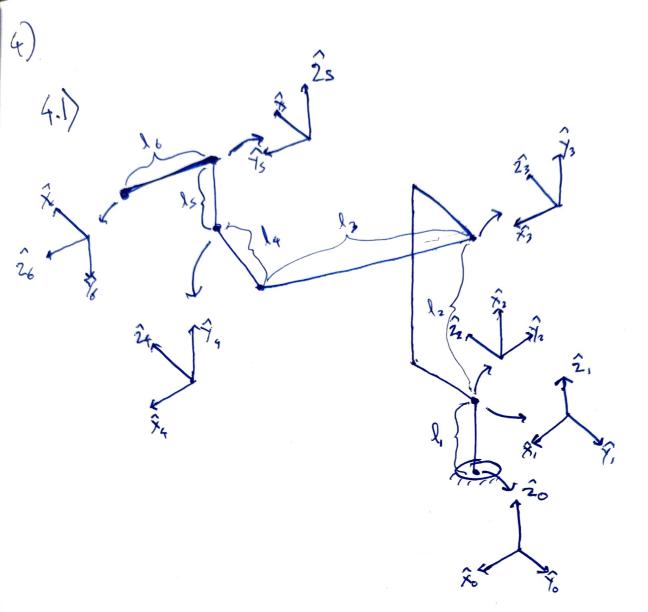
$$r_{21} - r_{12} = 2n_3 58$$

$$r_{21} - r_{22} = 2n_3 58$$

$$\frac{1}{250} \left(\Gamma_{i3} - \Gamma_{3.} \right)$$

$$rac{1}{2} = \frac{1}{2} \left(rac{1}{2} - rac{1}{2} \right)$$

$$\therefore \hat{h} = \frac{1}{28} (R - R^T)$$



DH Table

Joint No.	Lin	a_{i-1}	di	87
1	G	0	lz	0,
2	73/2	0	8	82+ T/2
3	0	λ _z	6	03 -7/2
4	0	l ₃	14	84
\$	-R/2	0	l s	O5-x/2
6	-R/2	6	16	6.