

## Cinemática de Robots.

Chagoya de la Cruz Levi Hazael.

Practica 1.

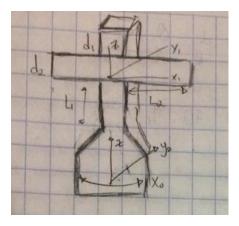
Ingeniera Mecatrónica.

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8.B

UPZMG.

## Practica 1.



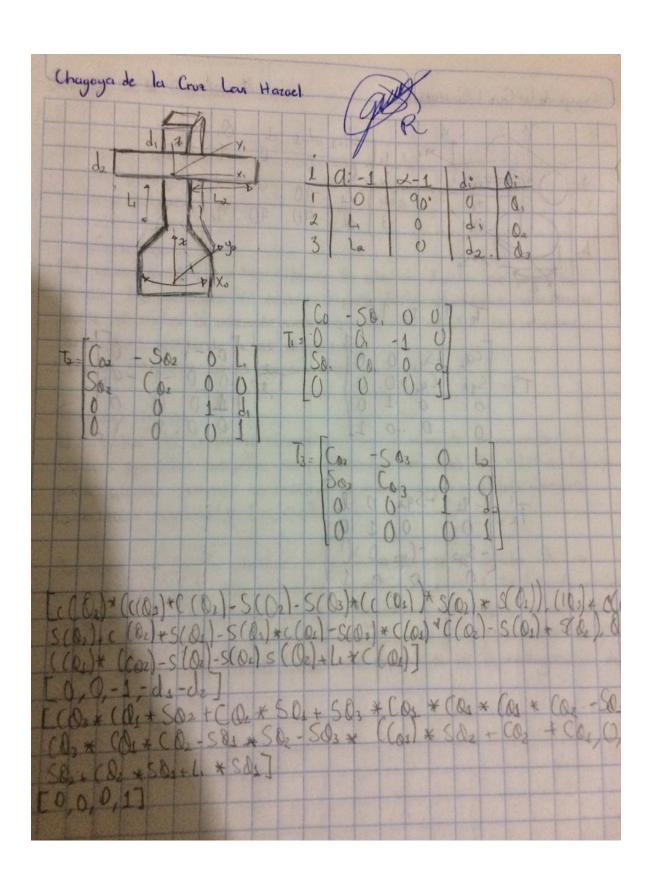
i	Ai-1	$\alpha - 1$	Di	Øi
1	0	90°	0	Ø1
2	L1	0	D1	Ø2
3	L2	0	D2	Ø3

## Código de Matlab.

 $T1 = [\cos(\text{theta1}), -\sin(\text{theta1}), 0, 0; 0, 0, -1, 0; \sin(\text{theta1}), \cos(\text{theta1}), 0, 0; 0, 0, 0, 1] \\ \text{syms L1}$ 

 $T_2^2 = [\cos(\text{theta2}), -\sin(\text{theta2}), 0, L1; \sin(\text{theta2}), \cos(\text{theta2}), 0, 0; 0, 0, 1, d1; 0, 0, 0, 1]$ syms L2

T3=[cos(theta3),-sin(theta3),0,L2;sin(theta3),cos(theta3),0,0;0,0,1,d2;0,0,0,1]



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