MTRICES PROYECTO

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CINEMATICA DE ROBOTS 8 de marzo del 2019 8°B T/M

i	Ai-1	$\propto i-1$	di	θ_i
1	0	0	0	$ heta_1$
2	L1	-90	0	$ heta_2$
3	L2	-90	0	θ_3
4	L3	0	0	$ heta_4$

 $T_1^0 = [\cos(\text{theta1}) - \sin(\text{theta1}) \ 0 \ 0, \ \sin(\text{theta1}) \ \cos(\text{theta1}) \ 0 \ 0, \ 0 \ 0 \ 1]$

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

 $T_3^2 = [1\ 0\ 0\ L2,\ 0\ 0\ 1\ 0,\ 0\ -1\ 0\ 0,\ 0\ 0\ 1]\ T4\ 3 = [1\ 0\ 0\ L3,\ 0\ 1\ 0\ 0,\ 0\ 0\ 1\ 0,\ 0\ 0\ 0\ 1]$

 $T_4^0 = [(\cos(\text{theta1})(\cos(\text{theta2})) - (\cos(\text{theta1}))(\sin(\text{theta2})) \ 0 \ L1 + L2 + L3, (\cos(\text{theta1}))((\sin(\text{theta1})) \ (\sin(\text{theta1}))(\cos(\text{theta1})) \ 0 \ 0, \ 0 \ 0 \ 1]$

