

TAREA: MATRICES PROYECTO

Cinemática De Robots



8 DE MARZO DE 2019 JESÚS ALBERTO GÁRCIA CAMACHO 8.-B T/M

i	Ai-1	∞i-1	di	θί
1	0	0	0	Θ1
2	L1	-90	0	Θ2
3	L2	-90	0	Θ3
4	L3	0	0	Θ4

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T_1^0 = \\ [\cos(\text{theta1}) - \text{sen}(\text{theta1}) \ 0 \ 0, \ \text{sen}(\text{theta1}) \ cos(\text{theta1}) \ 0 \ 0, \ 0 \ 0 \ 1 \ 0, \ 0 \ 0 \ 1] \\ T_2^1 = \\ [\cos(\text{theta2}) - \text{sen}(\text{theta2}) \ 0 \ L2, \ 0 \ 0 \ 1 \ 0, \ - \text{sen}(\text{theta2}) - \cos(\text{theta2}) \ 0 \ 0, \ 0 \ 0 \ 0 \ 1] \\ T_3^2 = \\ [1 \ 0 \ 0 \ L2, \ 0 \ 0 \ 1 \ 0, \ 0 \ 0 \ 0 \ 1] \\ T_4^3 = \\ [1 \ 0 \ 0 \ L3, \ 0 \ 1 \ 0 \ 0, \ 0 \ 0 \ 1 \ 0, \ 0 \ 0 \ 0 \ 1] \\ T_4^\circ = \\ [(\cos(\text{theta1})(\cos(\text{theta2})) \ - (\cos(\text{theta1}))(\sin(\text{theta2})) \ 0 \ L1 + L2 + L3, (\cos(\text{theta1}))((\text{sen}(\text{theta1})) \ (\text{sen}(\text{theta1}))((\text{sen}(\text{theta1})) \ (\text{sen}(\text{theta1})) \ (\text{sen}(\text{t
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