|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Link | DL | θL | DL | θL |
| 1 | 0 | 0 | 0 | θi |
| 2 | 0 | -90 | D2 | L1 |
| 3 | 0 | 0 | D3 | L2 |

A1=

|  |  |  |  |
| --- | --- | --- | --- |
| C1 | -S1 | 0 | 0 |
| S1 | C1 | 0 | 0 |
| 0 | 0 | 1 | D1 |
| 0 | 0 | 0 | 1 |

A2=

|  |  |  |  |
| --- | --- | --- | --- |
| 1 | 0 | 0 | 0 |
| 0 | 0 | 1 | 0 |
| 0 | -1 | 0 | D2 |
| 0 | 0 | 0 | 1 |

A3=

|  |  |  |  |
| --- | --- | --- | --- |
| 1 | 0 | 0 | 0 |
| 0 | 1 | 0 | 0 |
| 0 | 0 | 1 | D3 |
| 0 | 0 | 0 | 1 |

T3= A1A2A3=

|  |  |  |  |
| --- | --- | --- | --- |
| C1 | 0 | -S1 | -S1D3 |
| S1 | 0 | C1 | C1D3 |
| 0 | -1 | 0 | D1+D2 |
| 0 | 0 | 0 | 1 |