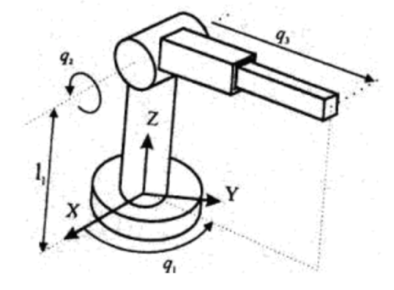
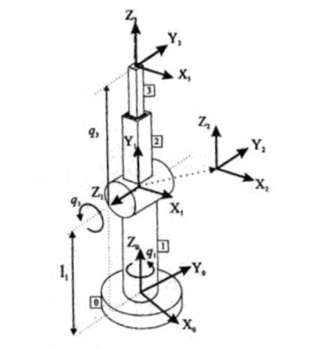
**Tarea 7 Calcular Matriz Homogenea del Robot de 3 GDL**

****

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Articulaciones** |  |  |  |  |
| **1** |  |  |  | **-90º** |
| **2** |  | **0** |  | **90º** |
| **3** |  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Cq1** | **-Sq1** |  |  |
|  |  | **1** |  |
| **-Sq1** | **Cq1** |  |  |
|  |  |  | **1** |

|  |  |  |  |
| --- | --- | --- | --- |
| **Cq2** | **-Sq2** |  |  |
|  |  | **-1** |  |
| **Sq2** | **Cq2** |  |  |
|  |  |  | **1** |

|  |  |  |  |
| --- | --- | --- | --- |
| **1** |  |  |  |
|  | **1** |  |  |
|  |  | **1** |  |
|  |  |  | **1** |

|  |  |  |  |
| --- | --- | --- | --- |
| **C(q1)S(q3)** | **C(q3)S(q1)** | **-Sq2** |  |
| **-S(q1)** | **C(q1)** |  |  |
| **C(q1)S(q2)** | **S(q1)S(q2)** | **C(q2)** | **q3-L1C(q3)** |
|  |  |  | **1** |