

A*

Alumna: Sharon Rossely Chullunguía Rosas

Nodo Buscado: S

Open = $\{T-() (0,7,7)\}$

Closed = $\{\}$

Iteración 1

Open = $\{X-(T) (1,6,7)\}$

Closed = $\{T-() (0,7,7)\}$

Open = $\{X-(T) (1,6,7) \quad Y-(T) (4,2,6)\}$

Closed = $\{T-() (0,7,7)\}$

Iteración 2

Open = $\{X-(T) (1,6,7) \quad R-(TY) (6,1,7)\}$

Closed = $\{T-() (0,7,7) \quad Y-(T) (4,2,6)\}$

Iteración 3

Open = $\{S-(TYR) (9,0,9)\}$

Closed = $\{T-() (0,7,7) \quad Y-(T) (4,2,6) \quad R-(TY) (6,1,7) \quad X-(T) (1,6,7)\}$

Iteración 4

Se encontró el elemento

Open = $\{S-(TYR) (9,0,9)\}$

Closed = $\{T-() (0,7,7) \quad Y-(T) (4,2,6) \quad R-(TY) (6,1,7) \quad X-(T) (1,6,7)\}$

Camino Final : $T \rightarrow Y \rightarrow R \rightarrow S$