

Anexo 1: Descrição de Máquina de Estados

"Pathfinder"



"CPT"



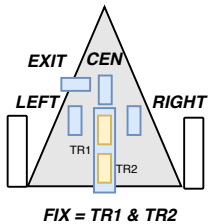
"Courier"



"Pathfinder"

Encontrar caminho em labirinto desconhecido.
Preferência: Sempre Esquerda

Entradas



CPT_OK = (CPT_STATE == STANDBY)



Estados

Survey						RIGHT		RIGHT-WRITE	
EXIT	ESQ	CEN	DIR	FIX	next	CPT_OK	next	next	
0	0	0	0	0	SHUFFLE	0	RIGHT	RIGHT	
0	0	0	0	1	RET	1	Survey		
0	0	0	1	0	ERR				
0	0	0	1	1	RIGHT				
0	0	1	0	0	ERR				
0	0	1	0	1	FWD	0	LEFT	LEFT	
0	0	1	1	0	FIX-R	1	Survey		
0	0	1	1	1	FWD				
0	1	0	0	0	ERR				
0	1	0	0	1	LEFT-WRITE	0	FWD	FWD	
0	1	0	1	0	ERR	1	Survey		
0	1	0	1	1	LEFT-WRITE				
0	1	1	0	0	FIX-L				
0	1	1	0	1	LEFT-WRITE	0	RET	RET	
0	1	1	1	0	FIX-L	1	Survey		
0	1	1	1	1	LEFT				
1	X	X	X	X	END				

SHUFFLE

CPT_OK	FIX	next
0	X	SHUFFLE
0	X	SHUFFLE
1	1	Survey
1	0	ERR

FIX-L

CPT_OK	FIX	next
0	X	SHUFFLE
0	X	SHUFFLE
1	1	Survey
1	0	ERR

FIX-R

CPT_OK	FIX	next
0	X	SHUFFLE
0	X	SHUFFLE
1	1	Survey
1	0	ERR

ERR

next
ERR

