

state neighborhood	00	01	10	11
	00 ↑			
	00 →			
	00 ↓	00 ∅	00 ↓	
	10 ←			
	00 ↑	00 →		
	00 ↓	00 ∅	11 →	
	01 ↓	00 ∅	10 ←	
	10 ←	00 ∅	00 ∅	00 ↑
	00 ↑	01 ↓	10 ←	11 →