

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