

Figure 1: State machine(s) (a) at position 1, (b) at position 2, (c) at position 3.

	input	
	memory	
	x	•
000	001,S	001,∅
001	010,S	010,∅
010	011,S	011,∅
011	000,S	000,∅
100		
101		
110		
111		

(a) Position 4

	input	
	memory	
	•	x
000	001,∅	001,∅
001	010,∅	010,∅
010	011,∅	011,∅
011	100,W	100,W
100	101,N	101,N
101	110,∅	110,∅
110	111,∅	111,∅
111	100,∅	100,∅

(b) Position 5

Figure 2: State machine(s) (a) at position 4, (b) at position 5.

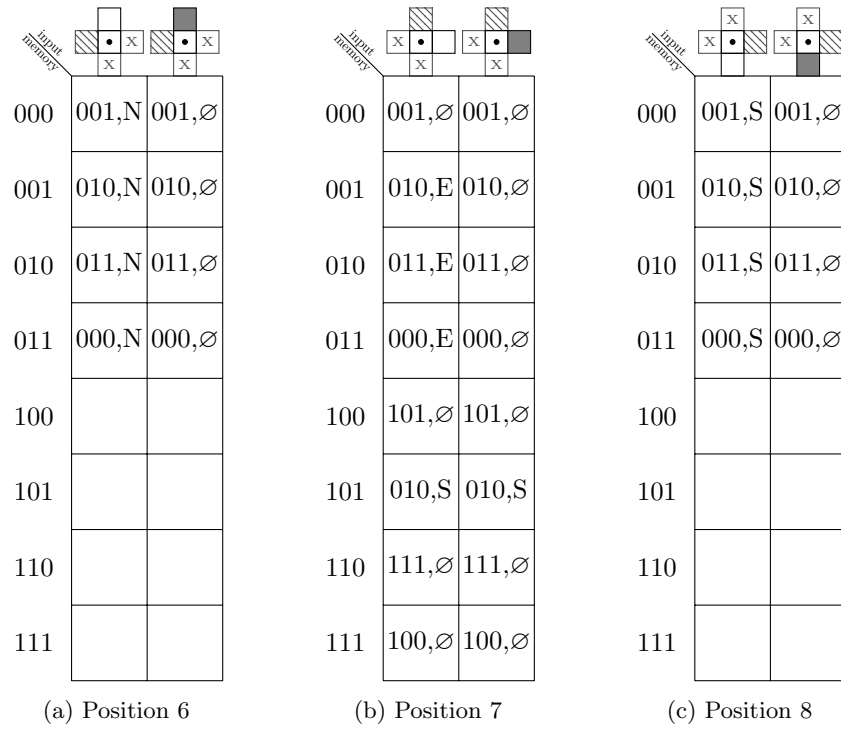


Figure 3: State machine(s) (a) at position 6, (b) at position 7, (c) at position 8.

	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <div style="border: 1px solid black; width: 10px; height: 10px; margin: 0 auto;"></div> <div style="display: flex; justify-content: space-between; width: 100%;"> <span>x</span><span>•</span><span>x</span> </div> </div> <div style="text-align: center;"> <div style="border: 1px solid black; width: 10px; height: 10px; margin: 0 auto;"></div> <div style="display: flex; justify-content: space-between; width: 100%;"> <span>x</span><span>•</span><span>x</span> </div> </div> <div style="text-align: center;"> <div style="background-color: gray; border: 1px solid black; width: 10px; height: 10px; margin: 0 auto;"></div> <div style="display: flex; justify-content: space-between; width: 100%;"> <span>x</span><span>•</span><span>x</span> </div> </div> <div style="text-align: center;"> <div style="background-color: gray; border: 1px solid black; width: 10px; height: 10px; margin: 0 auto;"></div> <div style="display: flex; justify-content: space-between; width: 100%;"> <span>x</span><span>•</span><span>x</span> </div> </div> </div>			
000	001,∅	101,∅	001,∅	001,∅
001	010,S	010,∅	010,S	010,∅
010	011,∅	011,∅	011,∅	011,∅
011	000,∅	000,∅	000,∅	000,∅
100	101,N	101,N	001,∅	101,∅
101	110,∅	110,∅	110,∅	110,∅
110	111,∅	111,∅	111,∅	111,∅
111	100,∅	100,∅	100,∅	100,∅

(a) Position 9

Figure 4: State machine(s) (a) at position 9.