

	<div> <div>input</div> <div>memory</div> <div> <div></div> <div>•</div> <div></div> <div>•</div> </div> </div>	
000	001,∅	001,∅
001	010,∅	010,∅
010	011,∅	011,∅
011	100,W	000,∅
100		
101		
110		
111		

Figure 1: State machine at position 1

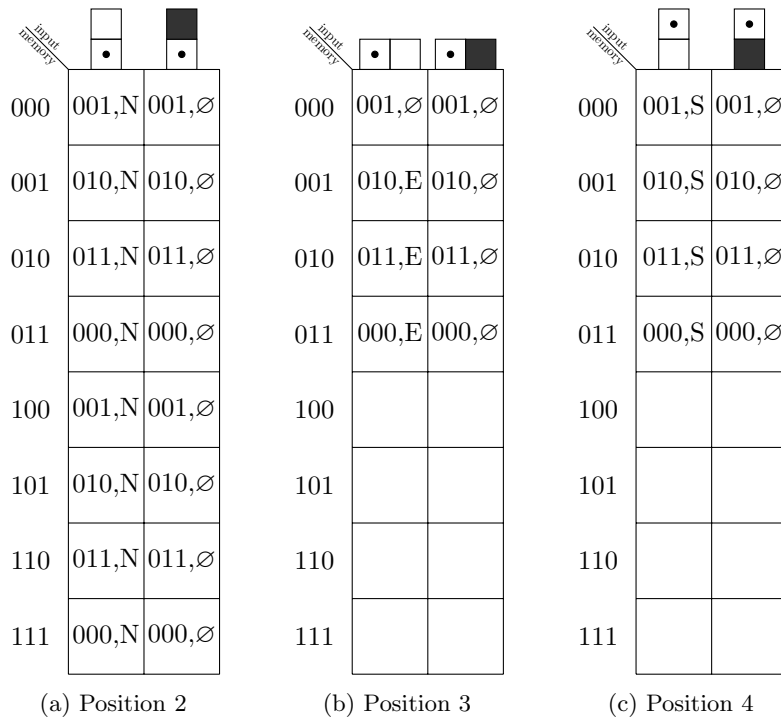


Figure 2: State machines (a) at position 2, (b) at position 3, (c) at position 4

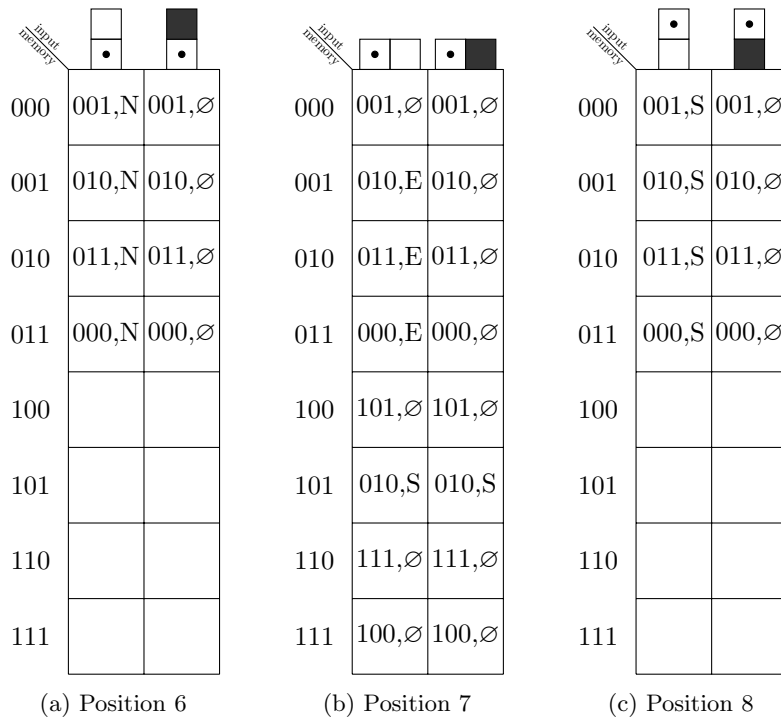


Figure 4: State machines (a) at position 6, (b) at position 7, (c) at position 8

	<div><div></div><div>•</div><div></div></div>	<div><div></div><div>•</div><div></div></div>	<div><div></div><div>•</div><div></div></div>	<div><div></div><div>•</div><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	101,∅	101,∅
101	110,∅	110,∅	010,∅	110,∅
110	111,∅	111,∅	111,∅	111,∅
111	100,∅	100,∅	100,∅	100,∅

Figure 5: State machine at position 9