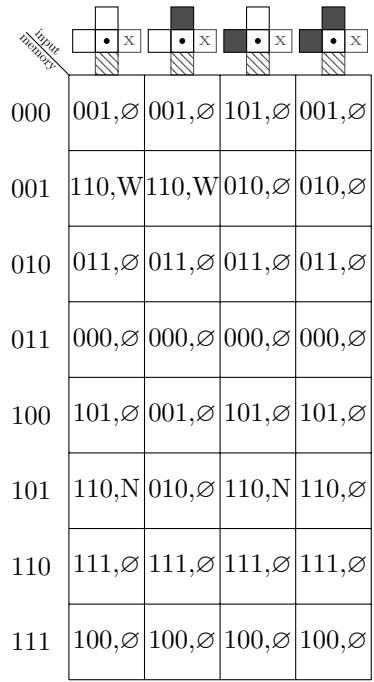


(a) Position 1



(b) Position 5

Figure 1: State machine(s) (a) at position 1, (b) at position 5.

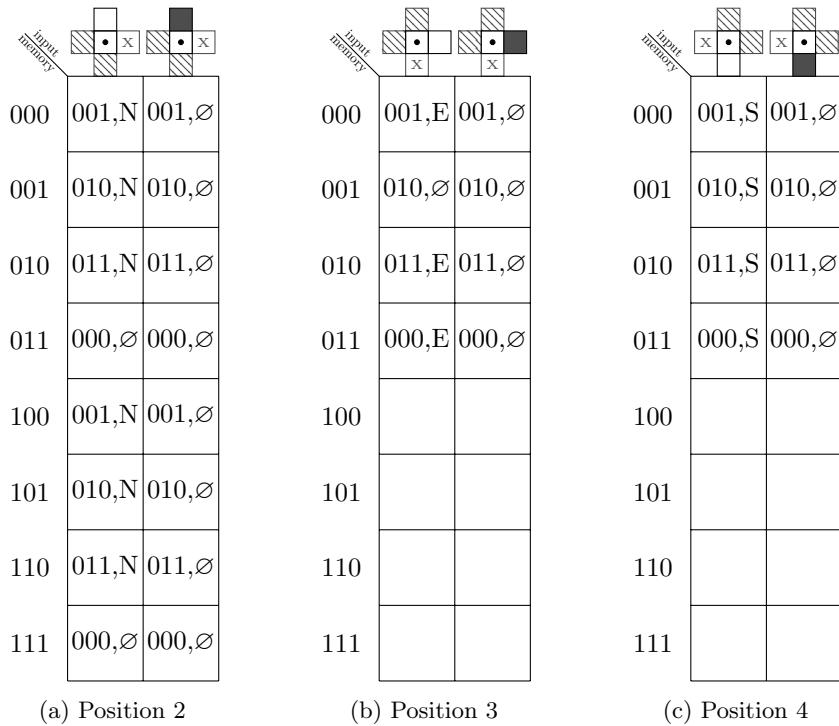


Figure 2: State machine(s) (a) at position 2, (b) at position 3, (c) at position 4.

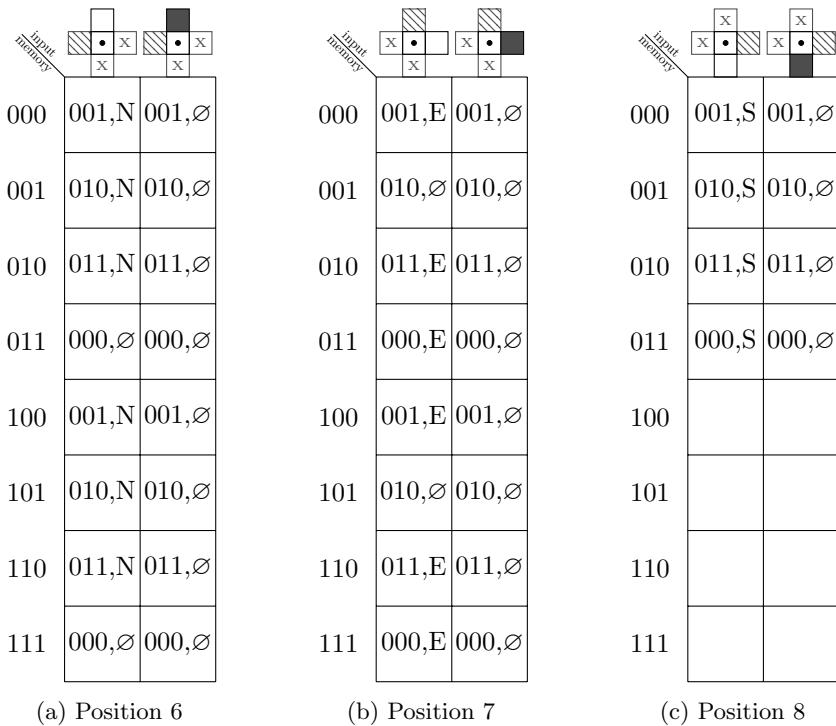


Figure 3: State machine(s) (a) at position 6, (b) at position 7, (c) at position 8.

input memory

000	001,∅	001,∅	101,∅	001,∅	001,∅	001,∅	001,∅	001,∅	001,∅
001	010,∅	010,∅	010,∅	010,∅	010,∅	010,∅	010,∅	010,∅	010,∅
010	011,S	011,S	011,∅	111,∅	011,S	011,S	011,∅	011,∅	011,∅
011	100,W	000,∅	100,W	000,∅	100,W	000,∅	100,W	000,∅	
100	101,∅	101,∅	101,∅	101,∅	101,∅	101,∅	101,∅	101,∅	101,∅
101	110,N	110,N	110,N	110,N	010,∅	010,∅	110,∅	110,∅	110,∅
110	111,∅	111,∅	111,∅	111,∅	111,∅	111,∅	111,∅	111,∅	111,∅
111	100,W	100,∅	100,W	100,∅	100,W	100,∅	100,W	100,∅	

(a) Position 9

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