Figure 1

(a) Position 1

00	01,∅	01,∅
01	00,W	00,∅
10		
11		

(b) Position 2

00	01,N	01,∅
01	00,N	00,∅
10		
11		

(c) Position 3

00	01,E	01,∅
01	00,∅	00,∅
10		
11		

(d) Position 4

00	01,S	01,∅
01	00,S	00,∅
10		
11		

Figure 1: State machine(s) (a) at position 1, (b) at position 2, (c) at position 3, (d) at position 4.

Figure 2

(a) Position 5

00	11,∅	11,∅	01,∅
01	00,∅	10,∅	00,∅
10	11,∅	11,∅	11,∅
11	10,N	00,W	10,∅

(b) Position 6

00	01,N	01,∅
01	00,N	00,∅
10		
11		

(c) Position 8

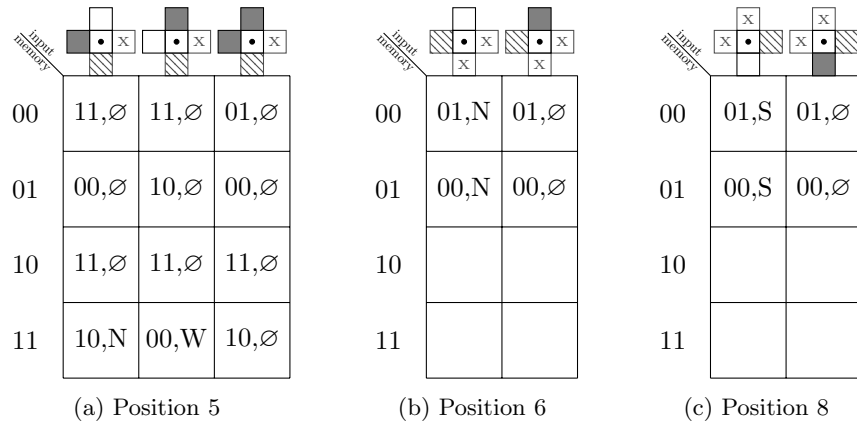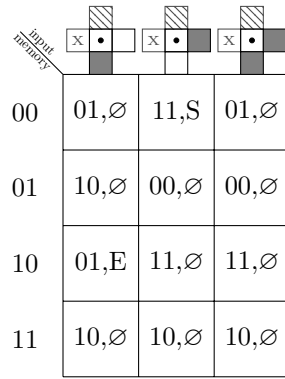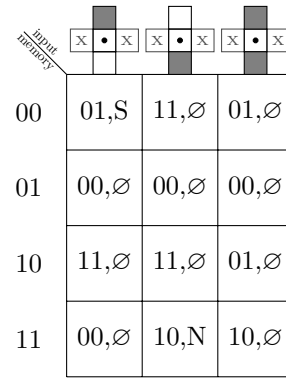|		
00	01,S	01,∅
01	00,S	00,∅
10		
11		

Figure 2: State machine(s) (a) at position 5, (b) at position 6, (c) at position 8.

(a) Position 7

(b) Position 9

Figure 3: State machine(s) (a) at position 7, (b) at position 9.