



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

000	101,E	101,E	001,∅	001,∅
001	110,E	110,E	110,∅	110,∅
010	011,∅	011,∅	011,∅	011,∅
011	000,∅	000,∅	000,∅	000,∅
100	101,E	101,E	101,∅	101,∅
101	110,E	110,E	110,S	110,∅
110	111,∅	111,∅	111,∅	111,∅
111	100,∅	100,∅	100,∅	100,∅

(a) Position 3

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

(b) Position 8

Figure 2: State machine(s) (a) at position 3, (b) at position 8.

000	001,E	001,E	001,N	001,N	001,E	001,E	001, $\emptyset$
001	010,E	010,E	010, $\emptyset$	010, $\emptyset$	010,E	010,E	110, $\emptyset$
010	011, $\emptyset$	011, $\emptyset$	011, $\emptyset$	011, $\emptyset$	011, $\emptyset$	011, $\emptyset$	011, $\emptyset$
011	000, $\emptyset$	000, $\emptyset$	000, $\emptyset$	000, $\emptyset$	000, $\emptyset$	000, $\emptyset$	000, $\emptyset$
100	101,E	101,E	101, $\emptyset$	001, $\emptyset$	101,E	101,E	101, $\emptyset$
101	110,E	110,E	110,S	110, $\emptyset$	110,E	110,E	110,S
110	111, $\emptyset$	111, $\emptyset$	111, $\emptyset$	111, $\emptyset$	111, $\emptyset$	111, $\emptyset$	111, $\emptyset$
111	100, $\emptyset$	100, $\emptyset$	100, $\emptyset$	100, $\emptyset$	100, $\emptyset$	100, $\emptyset$	100, $\emptyset$

(a) Position 6

Figure 3: State machine(s) (a) at position 6.