

input memory									
00		01, \emptyset	01, \emptyset	01, \emptyset	01, \emptyset	01, \emptyset	01, \emptyset	01, \emptyset	11, \emptyset
01		10,W	10,W	10,W	10,W	10,W	10,W	00, \emptyset	10, \emptyset
10		01, \emptyset	11, \emptyset	11, \emptyset	01, \emptyset	11, \emptyset	11, \emptyset	01, \emptyset	11, \emptyset
11		10,W	10,N	10,N	00, \emptyset	10,N	10,N	10, \emptyset	10, \emptyset

input memory									
00		01, \emptyset	01, \emptyset	11, \emptyset	11, \emptyset	01, \emptyset	01, \emptyset	01, \emptyset	01, \emptyset
01		00, \emptyset	00, \emptyset	00, \emptyset	10, \emptyset	10,W	10,W	10, \emptyset	10, \emptyset
10		11, \emptyset	11, \emptyset	11, \emptyset	11, \emptyset	01, \emptyset	01, \emptyset	01, \emptyset	01, \emptyset
11		10,N	10,N	10,N	10,N	10,W	10,W	10, \emptyset	10, \emptyset