Tabla de la máquina del modo secreto

No.	Estado			Entradas numéricas de la contraseña				Estado futuro		Salida
	S1	S0	L	B3	B2	B1	B0	S1'	S0'	P
0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1	0	1	0
2	0	0	0	0	0	1	0	0	0	0
3	0	0	0	0	0	1	1	0	0	0
4	0	0	0	0	1	0	0	0	0	0
5	0	0	0	0	1	0	1	0	0	0
6	0	0	0	0	1	1	0	0	0	0
7	0	0	0	0	1	1	1	0	0	0
8	0	0	0	1	0	0	0	0	0	0
9	0	0	0	1	0	0	1	0	0	0
10	0	0	0	1	0	1	0	0	0	0
11	0	0	0	1	0	1	1	0	0	0
12	0	0	0	1	1	0	0	0	0	0
13	0	0	0	1	1	0	1	0	0	0
14	0	0	0	1	1	1	0	0	0	0
15	0	0	0	1	1	1	1	0	0	0
16	0	0	1	0	0	0	0	0	0	0
17	0	0	1	0	0	0	1	0	1	0
18	0	0	1	0	0	1	0	0	0	0
19	0	0	1	0	0	1	1	0	0	0
20	0	0	1	0	1	0	0	0	0	0
21	0	0	1	0	1	0	1	0	0	0
22	0	0	1	0	1	1	0	0	0	0
23	0	0	1	0	1	1	1	0	0	0
24	0	0	1	1	0	0	0	0	0	0
25	0	0	1	1	0	0	1	0	0	0
26	0	0	1	1	0	1	0	0	0	0
27	0	0	1	1	0	1	1	0	0	0
28	0	0	1	1	1	0	0	0	0	0
29	0	0	1	1	1	0	1	0	0	0
30	0	0	1	1	1	1	0	0	0	0
31	0	0	1	1	1	1	1	0	0	0
32	0	1	0	0	0	0	0	0	0	0
33	0	1	0	0	0	0	1	0	0	0
34	0	1	0	0	0	1	0	0	0	0
35	0	1	0	0	0	1	1	1	0	0
36	0	1	0	0	1	0	0	0	0	0
37	0	1	0	0	1	0	1	0	0	0
38	0	1	0	0	1	1	0	0	0	0
39	0	1	0	0	1	1	1	0	0	0
40	0	1	0	1	0	0	0	0	0	0
41	0	1	0	1	0	0	1	0	0	0
42	0	1	0	1	0	1	0	0	0	0
43	0	1	0	1	0	1	1	0	0	0
44	0	1	0	1	1	0	0	0	0	0
45	0	1	0	1	1	0	1	0	0	0
46	0	1	0	1	1	1	0	0	0	0
47	0	1	0	1	1	1	1	0	0	0
48	0	1	1	0	0	0	0	0	0	0
49	0	1	1	0	0	0	1	0	0	0
50	0	1	1	0	0	1	0	0	0	0
51	0	1	1	0	0	1	1	1	0	0

52	0	1	1	0	1	0	0	0	0	0
53	0	1	1	0	1	0	1	0	0	0
54	0	1	1	0	1	1	0	0	0	0
55	0	1	1	0	1	1	1	0	0	0
56	0	1	1	1	0	0	0	0	0	0
57	0	1	1	1	0	0	1	0	0	0
58	0	1	1	1	0	1	0	0	0	0
59	0	1	1	1	0	1	1	0	0	0
60	0	1	1	1	1	0	0	0	0	0
61	0	1	1	1	1	0	1	0	0	0
62	0	1	1	1	1	1	0	0	0	0
63	0	1	1	1	1	1	1	0	0	0
64	1	0	0	0	0	0	0	0	0	0
65	1	0	0	0	0	0	1	0	0	0
66	1	0	0	0	0	1	0	0	0	0
67	1	0	0	0	0	1	1	0	0	0
68	1	0	0	0	1	0	0	0	0	0
69	1	0	0	0	1	0	1	0	0	0
70	1	0	0	0	1	1	0	0	0	0
71	1	0	0	0	1	1	1	0	0	0
72	1	0	0	1	0	0	0	0	0	0
73	1	0	0	1	0	0	1	0	0	0
74	1	0	0	1	0	1	0	0	0	0
75	1	0	0	1	0	1	1	0	0	0
76	1	0	0	1	1	0	0	0	0	0
77	1	0	0	1	1	0	1	0	0	0
78	1	0	0	1	1	1	0	0	0	0
79	1	0	0	1	1	1	1	1	0	0
80	1	0	1	0	0	0	0	0	0	0
81	1	0	1	0	0	0	1	0	0	0
82	1	0	1	0	0	1	0	0	0	0
83	1	0	1	0	0	1	1	0	0	0
84	1	0	1	0	1	0	0	0	0	0
85	1	0	1	0	1	0	1	0	0	0
86	1	0	1	0	1	1	0	0	0	0
87	1	0	1	0	1	1	1	0	0	0
88	1	0	1	1	0	0	0	0	0	0
89	1	0	1	1	0	0	1	0	0	0
90	1	0	1	1	0	1	0	0	0	0
91	1	0	1	1	0	1	1	0	0	0
92	1	0	1	1	1	0	0	0	0	0
93	1	0	1	1	1	0	1	0	0	0
94	1	0	1	1	1	1	0	0	0	0
95	1	0	1	1	1	1	1	1	0	1

Ecuaciones de la máquina del modo secreto

S[1]' = (S[1] & (~S[0]) & B[3] & B[2] & B[1] & B[0])	((~S[1]) & (S[0]) & (~B[3]) & (~B[2]) & (B[1]) & (B[0]));
S[0]' = (~S[1])&(~S[0])&(~B[3])&(~B[2])&(~B[1])&(B[0]);
P' = (S[1] & (~S[0]) & L & B[3] &B[2] & B[1] & B[0]);

Codificación

	s1	s0
Estado 0	0	0
Estado 1	0	1
Estado 2	1	0