

Sheet1

Atribuição de Estados do Cofre

Modo de Operação			Inserção de Senha		
Estados	M[1]	M[0]	Estados	I[1]	I[0]
I	0	0	D1	0	0
Comp	0	1	D2	0	1
TR	1	0	D3	1	0
A	1	1			

Transição de Estados

Estados	Modo de Operação					
	M[1]	M[0]	BM	C	Correta	CT
I	0	0	0	0	0	0
I	0	0	0	0	0	1
I	0	0	0	0	1	0
I	0	0	0	0	1	1
I	0	0	0	1	0	0
I	0	0	0	1	0	1
I	0	0	0	1	1	0
I	0	0	0	1	1	1
I	0	0	1	0	0	0
I	0	0	1	0	0	1
I	0	0	1	0	1	0
I	0	0	1	0	1	1
I	0	0	1	1	0	0
I	0	0	1	1	0	1
I	0	0	1	1	1	0
I	0	0	1	1	1	1
Comp	0	1	0	0	0	0
Comp	0	1	0	0	0	1
Comp	0	1	0	0	1	0
Comp	0	1	0	0	1	1
Comp	0	1	0	1	0	0
Comp	0	1	0	1	0	1
Comp	0	1	0	1	1	0
Comp	0	1	0	1	1	1
Comp	0	1	1	0	0	0
Comp	0	1	1	0	0	1
Comp	0	1	1	0	1	0
Comp	0	1	1	0	1	1
Comp	0	1	1	1	0	0
Comp	0	1	1	1	0	1
Comp	0	1	1	1	1	0
Comp	0	1	1	1	1	1
TR	1	0	0	0	0	0
TR	1	0	0	0	0	1
TR	1	0	0	0	1	0
TR	1	0	0	0	1	1
TR	1	0	0	1	0	0
TR	1	0	0	1	0	1
TR	1	0	0	1	1	0
TR	1	0	0	1	1	1
TR	1	0	1	0	0	0
TR	1	0	1	0	0	1

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TR	1	0	1	0	1	0
TR	1	0	1	0	1	1
TR	1	0	1	1	0	0
TR	1	0	1	1	0	1
TR	1	0	1	1	1	0
TR	1	0	1	1	1	1
A	1	1	0	0	0	0
A	1	1	0	0	0	1
A	1	1	0	0	1	0
A	1	1	0	0	1	1
A	1	1	0	1	0	0
A	1	1	0	1	0	1
A	1	1	0	1	1	0
A	1	1	0	1	1	1
A	1	1	1	0	0	0
A	1	1	1	0	0	1
A	1	1	1	0	1	0
A	1	1	1	0	1	1
A	1	1	1	1	0	0
A	1	1	1	1	0	1
A	1	1	1	1	1	0
A	1	1	1	1	1	1

$$M[0] = M[1] M[0] CT' + M[1]' C$$

$$M[1] = M[1] M[0]' C' + M[1] M[0] C$$

	M[1]	M[0]
	0	0
	0	0
	0	0
	0	0
	0	0
	0	0
	0	1
	0	1
	0	0
	0	0
	0	0
	0	0
	0	0
	0	0
	0	1
	0	1
	X	X
	X	X
	0	1
	0	1
	X	X
	X	X
	1	1
	1	1
	X	X
	X	X
	1	0
	1	0
	1	0
	1	0
	0	0
	0	0
	0	0
	0	0
	0	0
	1	0
	1	0

	M[1]
0	0
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	0
14	0
15	0
16	X
17	X
18	0
19	0
20	X
21	X
22	1
23	1
24	X
25	X
26	1
27	1
28	X
29	X
30	X
31	X
32	1
33	1
34	1
35	1
36	0
37	0
38	0
39	0
40	1
41	1
42	1
43	1
44	0
45	0
46	0
47	0
48	1
49	0
50	1
51	0

	1	0
	1	0
	0	0
	0	0
	0	0
	0	0
	1	1
	0	0
	1	1
	0	0
	1	1
	0	0
	1	1
	0	0
	1	1
	0	0
	1	1
	0	0
	1	1
	0	0
	1	1
	0	0

C CORRETA + M[1]' M[0] BM'
;T' + M[1]' M[0] C + M[1]' M[0] BM

52	1
53	0
54	1
55	0
56	1
57	0
58	1
59	0
60	1
61	0
62	1
63	0

M[1] =

	M[0]
0	0
1	0
2	0
3	0
4	0
5	0
6	1
7	1
8	0
9	0
10	0
11	0
12	0
13	0
14	1
15	1
16	X
17	X
18	1
19	1
20	X
21	X
22	1
23	1
24	X
25	X
26	0
27	0
28	X
29	X
30	X
31	X
32	0
33	0
34	0
35	0
36	0

37	0
38	0
39	0
40	0
41	0
42	0
43	0
44	0
45	0
46	0
47	0
48	1
49	0
50	1
51	0
52	1
53	0
54	1
55	0
56	1
57	0
58	1
59	0
60	1
61	0
62	1
63	0

M[0] = M[

$$M[1] M[0]' C' + M[1] M[0] CT' + M[1]' M[0] C + M[1]' M[0] BM$$

1] M[0] CT' + M[1]' C CORRETA + M[1]' M[0] BM'