C1) $S = D + AB' + A'C' + BC$

Situação	A B C D	S
0	0 0 0 0	1
1	0 0 0 1	1
2	0 0 1 0	0
3	0 0 1 1	1
4	0 1 0 0	1
5	0 1 0 1	1
6	0 1 1 0	1
7	0 1 1 1	1
8	1 0 0 0	1
9	1 0 0 1	1
10	1 0 1 0	1
11	1 0 1 1	1
12	1 1 0 0	0
13	1 1 0 1	1
14	1 1 1 0	1
15	1 1 1 1	1
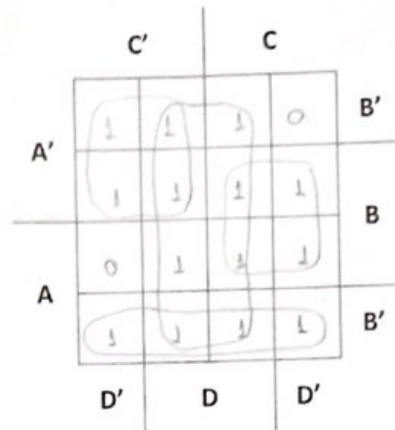
C2) $S = B'D + ABC' + A'B'C + ABD + A'CD' + BC'D$

Situação	A B C D	S
0	0 0 0 0	1
1	0 0 0 1	0
2	0 0 1 0	1
3	0 0 1 1	1
4	0 1 0 0	0
5	0 1 0 1	1
6	0 1 1 0	1
7	0 1 1 1	0
8	1 0 0 0	1
9	1 0 0 1	0
10	1 0 1 0	1
11	1 0 1 1	0
12	1 1 0 0	1
13	1 1 0 1	1
14	1 1 1 0	0
15	1 1 1 1	1
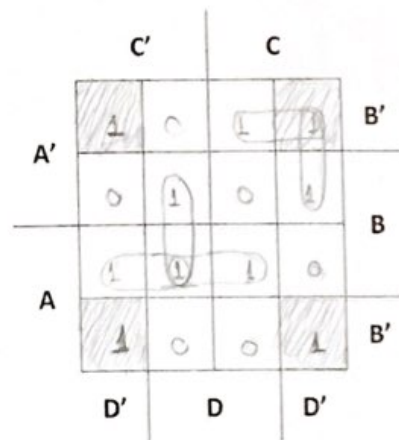
C3) S = B'D + AC'D' + A'CD'

Situação	A B C D	S
0	0 0 0 0	1
1	0 0 0 1	0
2	0 0 1 0	1
3	0 0 1 1	0
4	0 1 0 0	0
5	0 1 0 1	0
6	0 1 1 0	1
7	0 1 1 1	0
8	1 0 0 0	1
9	1 0 0 1	0
10	1 0 1 0	1
11	1 0 1 1	0
12	1 1 0 0	1
13	1 1 0 1	0
14	1 1 1 0	0
15	1 1 1 1	0
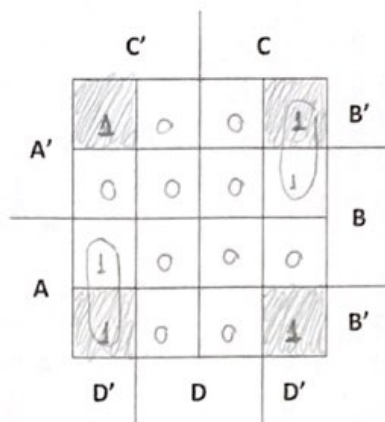
C4) S = AB + BC' + BD' + AC' + A'B'C

Situação	A B C D	S
0	0 0 0 0	0
1	0 0 0 1	0
2	0 0 1 0	1
3	0 0 1 1	1
4	0 1 0 0	1
5	0 1 0 1	1
6	0 1 1 0	1
7	0 1 1 1	0
8	1 0 0 0	1
9	1 0 0 1	1
10	1 0 1 0	0
11	1 0 1 1	0
12	1 1 0 0	1
13	1 1 0 1	1
14	1 1 1 0	1
15	1 1 1 1	1
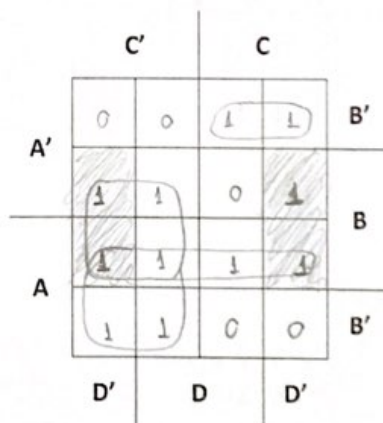
C5) S: A'B + BC + AB'C' + A'C'D' + ACD'

Situação	A B C D	S
0	0 0 0 0	1
1	0 0 0 1	0
2	0 0 1 0	0
3	0 0 1 1	0
4	0 1 0 0	1
5	0 1 0 1	1
6	0 1 1 0	1
7	0 1 1 1	1
8	1 0 0 0	1
9	1 0 0 1	1
10	1 0 1 0	1
11	1 0 1 1	0
12	1 1 0 0	0
13	1 1 0 1	0
14	1 1 1 0	1
15	1 1 1 1	1
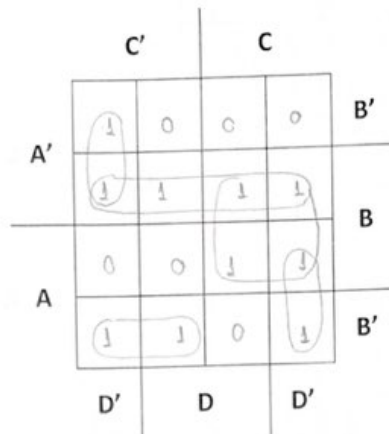
C6) S: BD + AC' + A'C + B'D'

Situação	A B C D	S
0	0 0 0 0	1
1	0 0 0 1	0
2	0 0 1 0	1
3	0 0 1 1	1
4	0 1 0 0	0
5	0 1 0 1	1
6	0 1 1 0	1
7	0 1 1 1	1
8	1 0 0 0	1
9	1 0 0 1	1
10	1 0 1 0	1
11	1 0 1 1	0
12	1 1 0 0	1
13	1 1 0 1	1
14	1 1 1 0	0
15	1 1 1 1	1
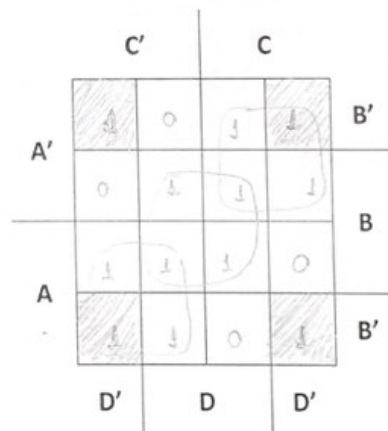
C7) S: B' + AC' + AD' + C'D' + A'CD

Situação	A B C D	S
0	0 0 0 0	1
1	0 0 0 1	1
2	0 0 1 0	1
3	0 0 1 1	1
4	0 1 0 0	1
5	0 1 0 1	0
6	0 1 1 0	0
7	0 1 1 1	1
8	1 0 0 0	1
9	1 0 0 1	1
10	1 0 1 0	1
11	1 0 1 1	1
12	1 1 0 0	1
13	1 1 0 1	1
14	1 1 1 0	1
15	1 1 1 1	0
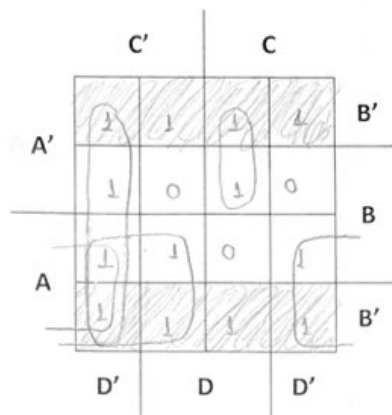
C8) S = AB + AC

Situação	A B C D	S
0	0 0 0 0	0
1	0 0 0 1	0
2	0 0 1 0	0
3	0 0 1 1	0
4	0 1 0 0	0
5	0 1 0 1	0
6	0 1 1 0	0
7	0 1 1 1	0
8	1 0 0 0	0
9	1 0 0 1	0
10	1 0 1 0	1
11	1 0 1 1	1
12	1 1 0 0	1
13	1 1 0 1	1
14	1 1 1 0	1
15	1 1 1 1	1