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Turma: 1º ADSB

$$S = ! [(A.B) + (C.D) + E] . E$$

2⁴ 2³ 2² 2¹ 2⁰

A	B	C	D	E
0	0	0	0	0
0	0	0	0	1
0	0	0	1	0
0	0	0	1	1
0	0	1	0	0
0	0	1	0	1
0	0	1	1	0
0	0	1	1	1
0	1	0	0	0
0	1	0	0	1
0	1	0	1	0
0	1	0	1	1
0	1	1	0	0
0	1	1	0	1
0	1	1	1	0
0	1	1	1	1
1	0	0	0	0
1	0	0	0	1
1	0	0	1	0
1	0	0	1	1
1	0	1	0	0
1	0	1	0	1
1	0	1	1	0
1	0	1	1	1
1	1	0	0	0
1	1	0	0	1
1	1	0	1	0
1	1	0	1	1
1	1	1	0	0
1	1	1	0	1
1	1	1	1	0
1	1	1	1	1

S1	S2	E
0	0	0
0	0	1
0	0	0
0	0	1
0	0	0
0	0	1
0	1	0
0	1	1
0	0	0
0	0	1
0	0	0
0	0	1
0	0	0
0	0	1
0	1	0
0	1	1
0	0	0
0	0	1
0	0	0
0	0	1
0	0	0
0	0	1
0	1	0
0	1	1
1	0	0
1	0	1
1	0	0
1	0	1
1	0	0
1	0	1
1	1	0
1	1	0
1	1	1

S3	E	S
0	0	1
1	1	0
0	0	1
1	1	0
0	0	1
1	1	0
1	0	1
1	1	0
0	0	1
0	0	1
1	1	0
1	0	1
1	1	0
0	0	1
1	1	0
1	0	1
0	0	1
1	1	0
1	0	1
1	1	0
1	0	1
1	0	1
1	0	0
1	1	0
1	0	1
1	1	0
1	0	1
1	1	0

Fórmulas

- $S1 = SE((E(A;B));1;0)$
- $S2 = SE((E(C;D));1;0)$
- $S3 = SE((OU(G;H;I));1;0)$
- $S = SE((E(K;L));0;1)$