

Utilizando el algebra booleana demuestre la ecuación

A	B	C	D	0	1
0	0	0	0	☐	☒
0	0	0	1	☒	☐
0	0	1	0	☒	☐
0	0	1	1	☒	☐
0	1	0	0	☐	☒
0	1	0	1	☒	☐
0	1	1	0	☒	☐
0	1	1	1	☒	☐
1	0	0	0	☐	☒
1	0	0	1	☒	☐
1	0	1	0	☒	☐
1	0	1	1	☒	☐
1	1	0	0	☐	☒
1	1	0	1	☒	☐
1	1	1	0	☒	☐
1	1	1	1	☒	☐

SALIDA = $\neg C + \neg D$

A	B	C	0	1
0	0	0	☐	☒
0	0	1	☒	☐
0	1	0	☐	☒
0	1	1	☒	☐
1	0	0	☐	☒
1	0	1	☒	☐
1	1	0	☐	☒
1	1	1	☒	☐

SALIDA = $\neg C$

A	B	C	D	0	1
0	0	0	0	☐	☒
0	0	0	1	☒	☐
0	0	1	0	☒	☐
0	0	1	1	☐	☒
0	1	0	0	☐	☒
0	1	0	1	☒	☐
0	1	1	0	☒	☐
0	1	1	1	☐	☒
1	0	0	0	☐	☒
1	0	0	1	☒	☐
1	0	1	0	☒	☐
1	0	1	1	☐	☒
1	1	0	0	☐	☒
1	1	0	1	☒	☐
1	1	1	0	☒	☐
1	1	1	1	☐	☒

SALIDA = $\neg C/\neg D + C.D$

A	B	C	D	0	1
0	0	0	0	☒	☐
0	0	0	1	☒	☐
0	0	1	0	☐	☒
0	0	1	1	☒	☐
0	1	0	0	☐	☒
0	1	0	1	☒	☐
0	1	1	0	☐	☒
0	1	1	1	☐	☒
1	0	0	0	☒	☐
1	0	0	1	☒	☐
1	0	1	0	☐	☒
1	0	1	1	☒	☐
1	1	0	0	☐	☒
1	1	0	1	☒	☐
1	1	1	0	☐	☒
1	1	1	1	☐	☒

SALIDA = $C/\neg D + B/\neg D + B.C$