

Fig	ab	cd	D0	D1	D2	D3	D4	D5	D6	dp
0	00	00	0	0	0	0	0	0	1	x
1	00	01	1	0	0	1	1	1	1	x
2	00	10	0	0	1	0	0	1	0	x
3	00	11	0	0	0	0	1	1	0	x
4	01	00	1	0	0	1	1	0	0	x
5	01	01	0	1	0	0	1	0	0	x
6	01	10	0	1	0	0	0	0	0	x
7	01	11	0	0	0	1	1	1	1	x
8	10	00	0	0	0	0	0	0	0	x
9	10	01	0	0	0	1	1	0	0	x
X	x	x	x	x	x	x	x	x	x	x

D0:

ab\cd	00	01	11	10
00	0	1	0	0
01	1	0	0	0
11	x	x	x	x
10	0	0	x	x

$$D0 \leq \neg AB\neg C\neg D + \neg A\neg B\neg C\neg D$$

D1:

ab\cd	00	01	11	10
00	0	0	0	0
01	0	1	0	1
11	x	x	x	x
10	0	0	x	x

$$D1 \leq B\neg CD + BC\neg D$$

D2:

ab\cd	00	01	11	10
00	0	0	0	1
01	0	0	0	0
11	x	x	x	x
10	0	0	x	x

$$D2 \leq B\neg C\neg D$$

D3:

ab\cd	00	01	11	10
00	0	1	0	0
01	1	0	1	0
11	x	x	x	x
10	0	1	x	x

$$D3 \leq B\neg C\neg D + \neg B\neg CD + BCD$$

D4:

ab\cd	00	01	11	10
00	0	1	1	0
01	1	1	1	0
11	x	x	x	x
10	0	1	x	x

$$D4 \leq B\neg C + D$$

D5:

ab\cd	00	01	11	10
00	0	1	1	1
01	0	0	1	0
11	x	x	x	x
10	0	0	x	x

$$D5 \leq \neg A\neg BD + \neg BC + CD$$

D6:

ab\cd	00	01	11	10
00	1	1	0	0
01	0	0	1	0
11	x	x	x	x
10	0	0	x	x

$$D6 \leq \neg A\neg B\neg C + BCD$$

dp:

ab\cd	00	01	11	10
00	x	x	x	x
01	x	x	x	x
11	x	x	x	x
10	x	x	x	x

$$dp \leq 1$$

