

N	A	B	C	D	a	b	c	d	e	f	g	sin	C-2
0	0	0	0	0	1	1	1	1	1	1	0	0	0
1	0	0	0	1	0	0	0	0	1	1	0	0	1
2	0	0	1	0	1	0	1	1	0	1	1	0	2
3	0	0	1	1	1	0	0	1	1	1	1	0	3
4	0	1	0	0	0	1	0	0	1	1	1	0	4
5	0	1	0	1	1	1	0	1	1	0	1	0	5
6	0	1	1	0	1	1	1	1	1	0	1	0	6
7	0	1	1	1	1	0	0	0	1	1	0	0	7
8	1	0	0	0	1	1	1	1	1	1	1	1	-8
9	1	0	0	1	1	0	0	0	1	1	0	1	-7
10	1	0	1	0	1	1	1	1	1	0	1	1	-6
11	1	0	1	1	1	1	0	1	1	0	1	1	-5
12	1	1	0	0	0	1	0	0	1	1	1	1	-4
13	1	1	0	1	1	0	0	1	1	1	1	1	-3
14	1	1	1	0	1	0	1	1	0	1	1	1	-2
15	1	1	1	1	0	0	0	0	1	1	0	1	-1

Amanda Sironi

a:

AB \ CD	00	01	11	10
00	1		1	1
01		1	1	1
11		1		1
10	1	1	1	1

$$A \cdot \sim B + \sim A \cdot C + \sim B \cdot \sim D + C \cdot \sim D + B \cdot \sim C \cdot D$$

b:

AB \ CD	00	01	11	10
00	1			
01	1	1		1
11	1			
10	1		1	1

$$\sim A \cdot B \cdot \sim C + \sim A \cdot B \cdot \sim D + A \cdot \sim B \cdot C + \sim C \cdot \sim D$$

c:

AB \ CD	00	01	11	10
00	1			1
01				1
11				1
10	1			1

$$\sim B \cdot \sim D + C \cdot \sim D$$

d:

AB \ CD	00	01	11	10
00	1		1	1
01		1		1
11		1		1
10	1		1	1

$$C \cdot \sim D + \sim B \cdot C + \sim B \cdot \sim D + B \cdot \sim C \cdot D$$



e:

AB \ CD	00	01	11	10
00	1	1	1	1
01	1	1	1	1
11	1	1	1	1
10	1	1	1	1

$$\sim C + D + \sim A \cdot B + A \cdot \sim B$$

f:

AB \ CD	00	01	11	10
00	1	1	1	1
01	1		1	
11	1	1	1	1
10	1	1		

$$\sim A \cdot \sim B + A \cdot B + A \cdot \sim C + \sim C \cdot \sim D + B \cdot C \cdot D$$

g:

AB \ CD	00	01	11	10
00			1	1
01	1	1		1
11	1	1		1
10	1		1	1

$$A \cdot \sim D + \sim B \cdot C + B \cdot \sim C + C \cdot \sim D$$

sin:

AB \ CD	00	01	11	10
00				
01				
11	1	1	1	1
10	1	1	1	1

$$A$$