	n_3	n_2	n_1	n_0	A	B	C	D	E	F	G
0	0	0	0	0	0	0	0	0	0	0	1
1	0	0	0	1	1	0	0	1	1	1	1
2	0	0	1	0	0	0	1	0	0	1	0
3	0	0	1	1	0	0	0	0	1	1	0
4	0	1	0	0	1	0	0	1	1	0	0
5	0	1	0	1	0	1	0	0	1	0	0
6	0	1	1	0	0	1	0	0	0	0	0
7	0	1	1	1	0	0	0	1	1	1	1
8	1	0	0	0	0	0	0	0	0	0	0
9	1	0	0	1	0	0	0	0	1	0	0
10	1	0	1	0							
11	1	0	1	1							
12	1	1	0	0							
13	1	1	0	1							
14	1	1	1	0							
15	1	1	1	1							

(1)

(A)

n_3n_2 \ n_1n_0	00	01	11	10
00	0	1	0	0
01	1	0	0	0
11	1	1	1	1
10	0	0	1	1

$A = n_3n_2 + n_3n_1 + n_2\bar{n}_1\bar{n}_0 + \bar{n}_3\bar{n}_2\bar{n}_1n_0$

(B)

n_3n_2 \ n_1n_0	00	01	11	10
00	0	0	0	0
01	0	1	0	1
11	1	1	1	1
10	0	0	1	1

$B = n_3n_2 + n_3n_1 + \bar{n}_2n_1'n_0 + n_2n_1n_0'$

(C)

0	0	0	1
0	0	0	0
1	1	1	1
0	0	1	1

$C = n_3n_2 + n_3n_1 + \bar{n}_3\bar{n}_2n_1\bar{n}_0$

(D)

0	1	0	0
1	0	1	0
1	1	1	1
0	0	1	1

$D = n_3n_2 + n_3n_1 + n_2\bar{n}_1\bar{n}_0 + n_2n_1n_0 + \bar{n}_3\bar{n}_2\bar{n}_1n_0$

(E)

0	1	1	0
1	1	1	0
1	1	1	1
0	1	1	1

$E = n_3n_2 + n_3n_1 + \bar{n}_1n_0 + n_1n_0 \; n_2\bar{n}_1$

(F)

0	1	1	1
0	0	1	0
1	1	1	1
0	0	1	1

$F = n_3n_2 + n_3n_1 + n_1n_0 + \bar{n}_3\bar{n}_2n_0 + \bar{n}_3\bar{n}_2n_1$

(G)

1	1	0	0
0	0	1	0
1	1	1	1
0	0	1	1

$G = n_3n_2 + n_3n_1 + \bar{n}_3\bar{n}_2\bar{n}_1 + n_2n_1n_0$