

Paul Davis

A. $b_3 b_2 / b_1 b_0$

	00	10	11	01
00	0	1	1	0
10	1	1	1	1
11	1	1	1	1
01	1	1	0	1

$b_3 + (b_1 \overline{b_2}) + (b_2 \overline{b_0}) + (\overline{b_1} b_2)$

B. $b_3 b_2 / b_1 b_0$

	00	10	11	01
00	1	0	0	0
10	1	1	1	1
11	1	1	1	1
01	1	1	0	1

$b_3 + (\overline{b_1} \overline{b_0}) + (\overline{b_0} b_2) + (b_2 \overline{b_1})$

C. $b_3 b_2 / b_1 b_0$

	00	10	11	01
00	1	1	1	0
10	1	1	1	1
11	1	1	1	1
01	0	0	1	1

$b_3 + (\overline{b_2} \overline{b_0}) + (b_2 b_0) + (b_1 \overline{b_2})$

D. $b_3 b_2 / b_1 b_0$

	00	10	11	01
00	1	1	1	1
10	1	0	0	1
11	0	0	0	0
01	1	0	1	0

$(\overline{b_3} \overline{b_2}) + (\overline{b_1} \overline{b_2}) + (\overline{b_1} \overline{b_0} \overline{b_3}) + (b_0 b_1 \overline{b_3})$

E. $b_3 b_2 / b_1 b_0$

	00	10	11	01
00	1	1	0	0
10	1	1	1	0
11	1	1	1	1
01	0	1	0	0

$(\overline{b_0} \overline{b_2}) + (b_1 \overline{b_0}) + (b_3 b_2) + (b_1 b_3)$

F. $b_3 b_2 / b_1 b_0$

	00	10	11	01
00	1	1	1	0
10	1	1	1	1
11	1	1	1	1
01	0	1	0	1

$b_3 + (b_1 \overline{b_0}) + (b_1 \overline{b_2}) + (\overline{b_0} \overline{b_2}) + (b_2 b_1 b_0)$

G. $b_3 b_2 / b_1 b_0$

	00	10	11	01
00	1	0	1	1
10	1	0	0	1
11	0	0	0	0
01	1	1	1	1

$(\overline{b_3} b_2) + (\overline{b_2} \overline{b_1}) + (\overline{b_3} \overline{b_2} b_0)$

H. $b_3 b_2 / b_1 b_0$

	00	10	11	01
00	0	0	0	0
10	0	1	1	0
11	1	1	1	1
01	0	0	0	0

$(b_3 b_2) + (b_3 b_1)$