

$$b_0 = \underbrace{a_2' a_1' a_0 + a_2' a_1 a_0}_{-} + \underbrace{a_2 a_1' a_0 + a_2 a_1 a_0}_{-}$$

$$a_2' a_0 (a_1' + a_1) + a_2 a_0 (a_1' + a_1)$$

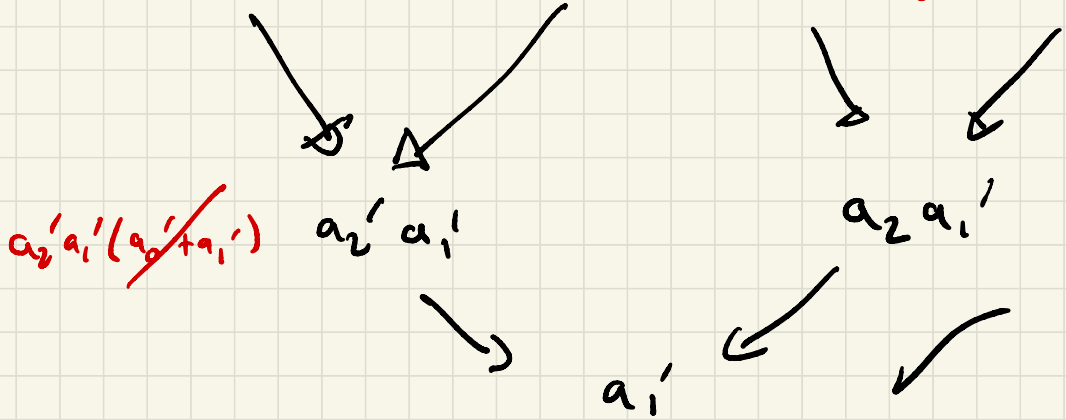
$$a_2' a_0 \cdot \cancel{x} + a_2 a_0 \cdot \cancel{x}$$

$$a_2' \cdot a_0 + a_2 a_0$$

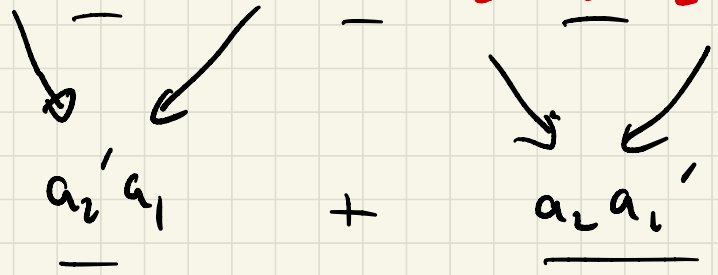
$$a_0 (a_2' + a_2)$$

$$a_0$$

$$b_1 = a_2' a_1' a_0' + a_2' a_1' a_0 + a_2 a_1' a_0' + a_2 a_1' a_0$$



$$b_2 = \underline{a_1' a_0'} + \underline{a_2' a_1 a_0} + \underline{a_2 a_1' a_0'} + \underline{a_2 a_1' a_0}$$



a_2	a_1	a_0	b_0
0	0	0	0
0	0	1	1
0	1	0	0
1	1	1	1
1	0	0	0
1	0	1	1
1	1	0	0
1	1	1	1

	$a_2 a_1$	$a_2' a_1$	$a_2' a_1'$	$a_2 a_1'$
a_0	1	1	0	0
a_0'	0	0	1	1

x	y	z	b
0	0	0	1
0	0	1	1
0	1	0	1
0	1	1	1
1	0	0	0
1	0	1	0
1	1	0	0
1	1	1	0

	x	y	x'	y'
z_1	0	0	1	1
z_2	0	0	1	1

$b = z'$

x	y	z	w	b
0	0	0	0	0
0	0	0	1	1
0	0	1	0	0
0	0	1	1	1
0	1	0	0	1
0	1	0	1	1
0	1	1	0	0
0	1	1	1	0
1	0	0	0	1
1	0	0	1	0
1	0	1	0	1
1	0	1	1	0
1	1	0	0	0
1	1	0	1	1
1	1	1	0	1
1	1	1	1	0

	11 xy	10 x'y'	00 x'y'	01 x'y
11 zw	0	0	1	0
10 zw'	1	1	0	0
00 zw'	0	1	0	1
01 z'w	1	0	1	1

$$\begin{aligned}
 b = & \quad xzw' + xy'w' + \\
 & \quad x'y'w + x'z'w + \\
 & \quad x'y'z' + yz'w
 \end{aligned}$$