$\mathbb{Z}_2[x]/<x^2+x+1>$

+	0	1	x	x + 1
0	0	1	x	x + 1
1	1	0	x + 1	x
x	x	x + 1	0	1
x + 1	x + 1	x	1	0

·	0	1	x	x + 1
0	0	0	0	0
1	0	1	x	x + 1
x	0	x	x + 1	1
x + 1	0	x + 1	1	x

$\mathbb{Z}_2[x]/<x^2+x>$

+	0	1	x	x + 1
0	0	1	x	x + 1
1	1	0	x + 1	x
x	x	x + 1	0	1
x + 1	x + 1	x	1	0

·	0	1	x	x + 1
0	0	0	0	0
1	0	1	x	x + 1
x	0	x	x	0
x + 1	0	x + 1	0	x + 1

$\mathbb{Z}_2[x]/<x^2+1>$

+	0	1	x	x + 1
0	0	1	x	x + 1
1	1	0	x + 1	x
x	x	x + 1	0	1
x + 1	x + 1	x	1	0

·	0	1	x	x + 1
0	0	0	0	0
1	0	1	x	x + 1
x	0	x	1	0
x + 1	0	x + 1	0	0