A	В	$ C_{in} $	S	$C_{out}$	Binary representation
0	0	0	0	0	00
1	0	0	1	0	01
0	1	0	1	0	01
1	1	0	0	1	10
0	0	1	1	0	01
1	0	1	0	1	10
0	1	1	0	1	10
1	1	1	1	1	11