

0107
0110

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A	B	C _{in}	S	C _{out}
0	0	0	0	0
0	0	1	①	0
0	1	0	①	0
0	1	1	0	<u>1</u>
1	0	0	①	0
1	0	1	0	<u>1</u>
1	1	0	0	<u>1</u>
1	1	1	①	<u>1</u>

$$S = \sum m(1, 2, 4, 7)$$

$$C_{out} = \sum m(3, 5, 6, 7)$$

	D ₀	D ₁	D ₂	D ₃
\bar{A}	0	①	②	3
A	④	5	6	⑦
	A	\bar{A}	\bar{A}	A

S

	D ₀	D ₁	D ₂	D ₃
\bar{A}	0	1	2	③
A	4	⑤	⑥	⑦
	0	A	A	1

C_{out}

الف)

