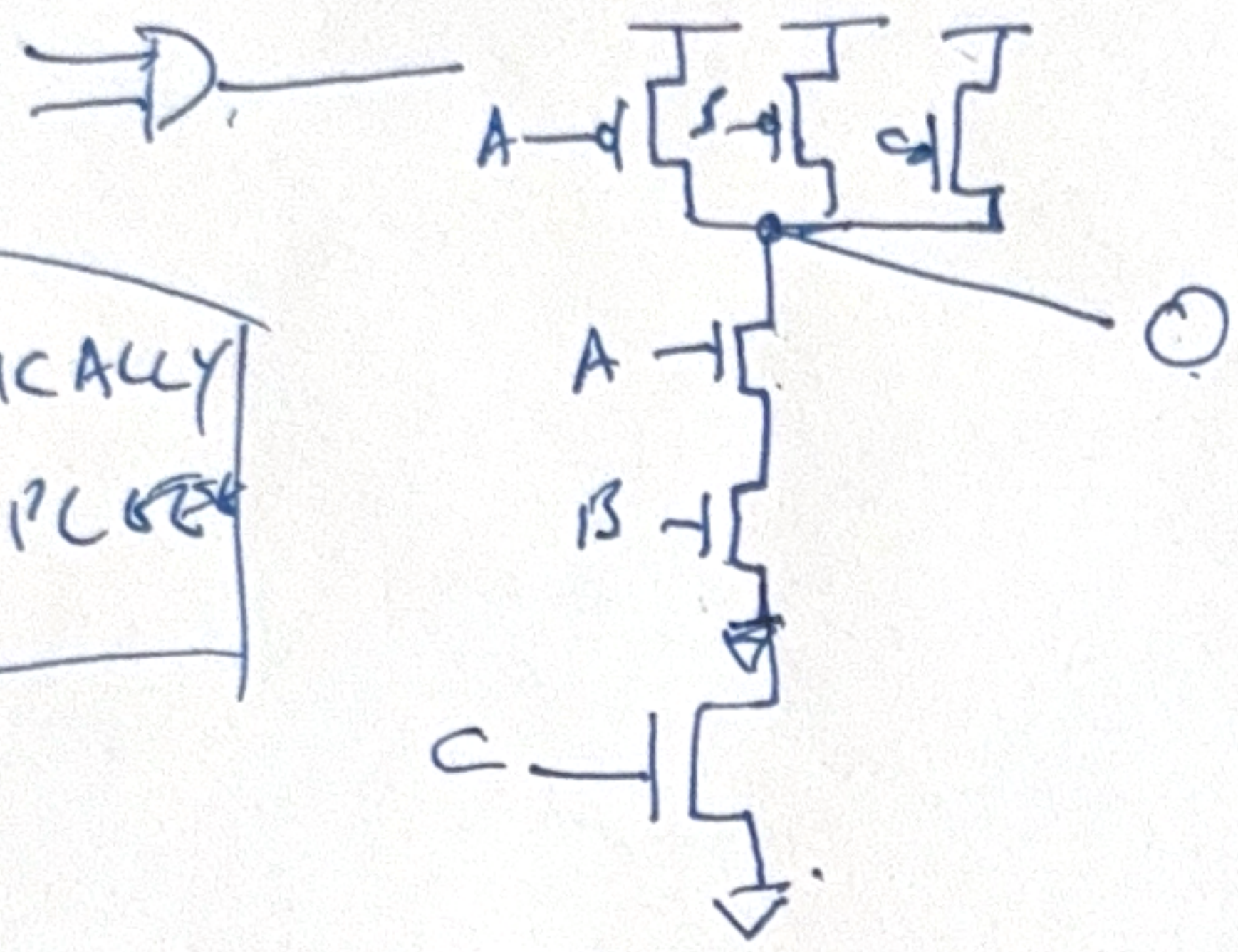
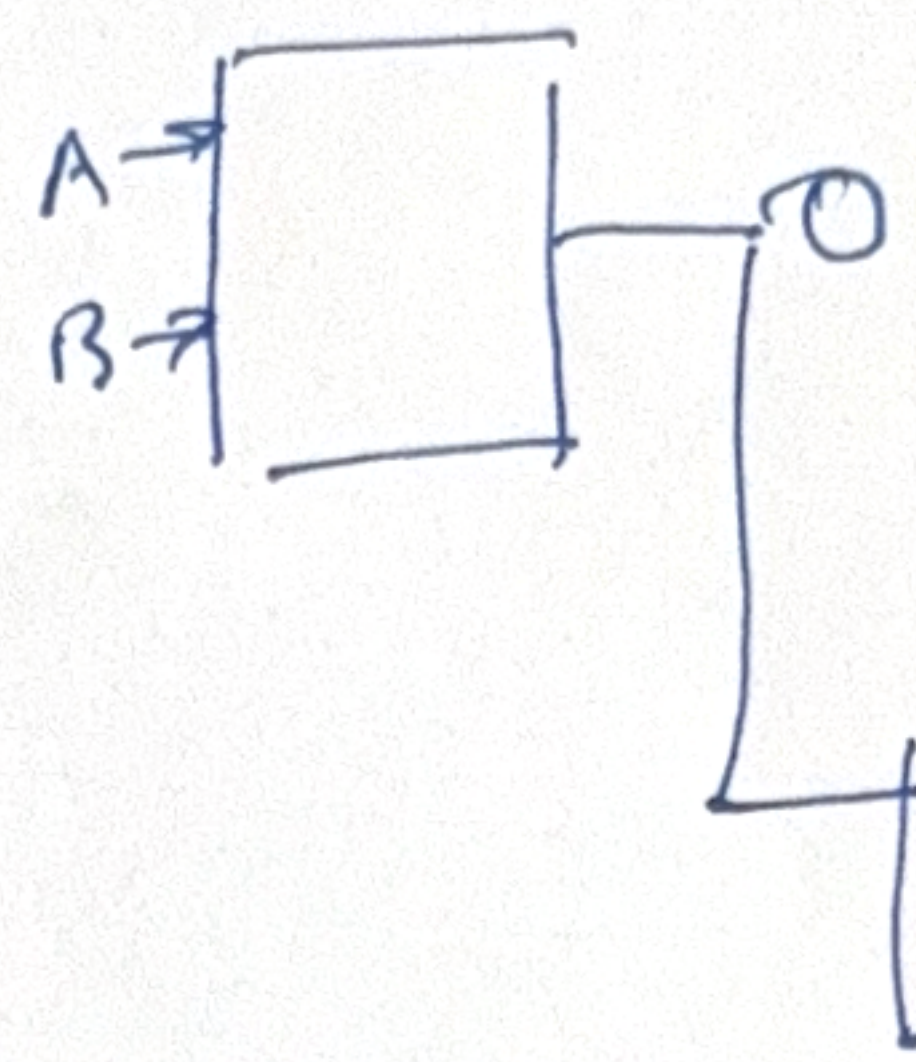


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①



LOGICALLY
COMPLER



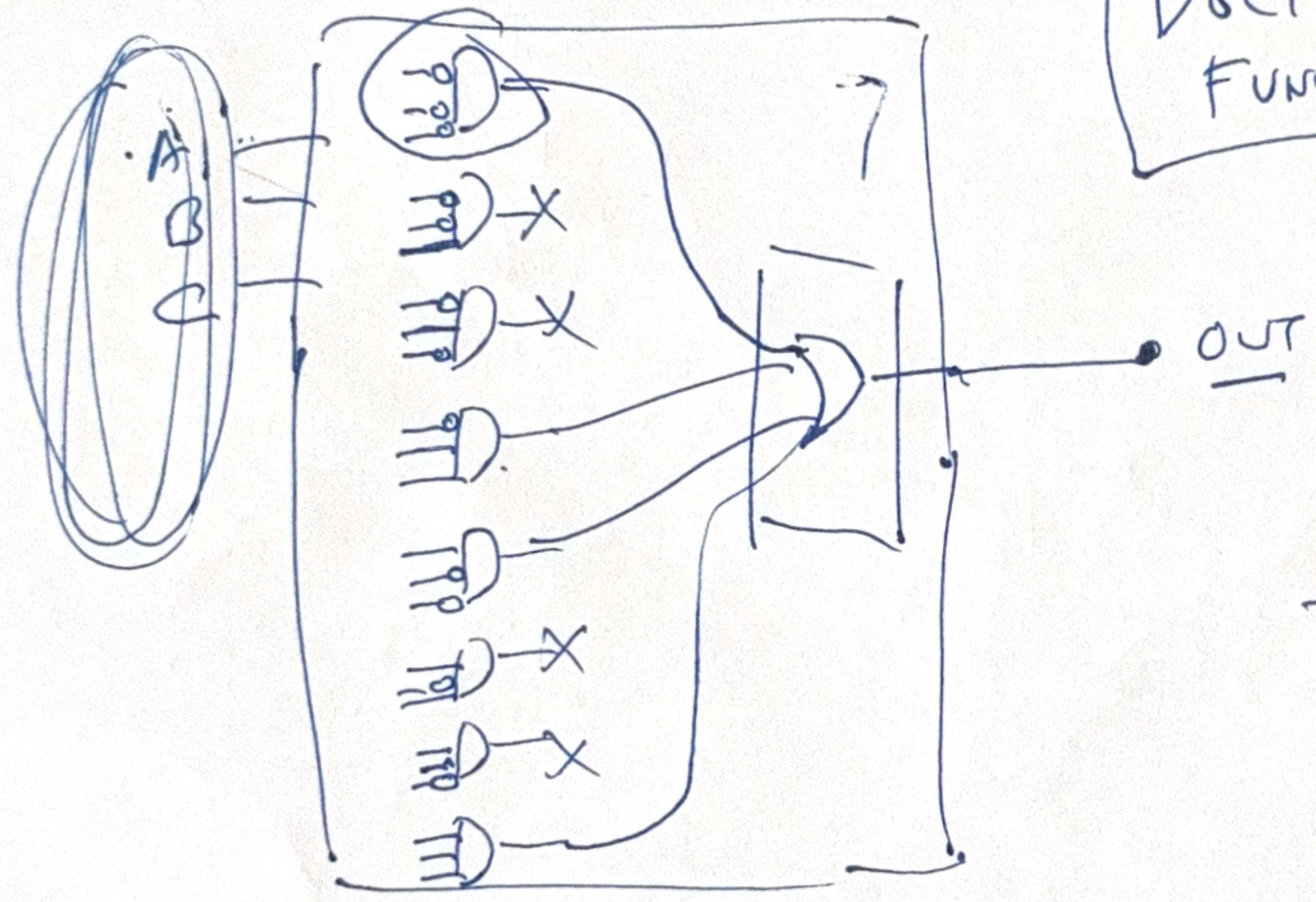
TRUTH
TABLE

A	B	O
0	0	0
0	1	0
1	0	0
1	1	1

AND

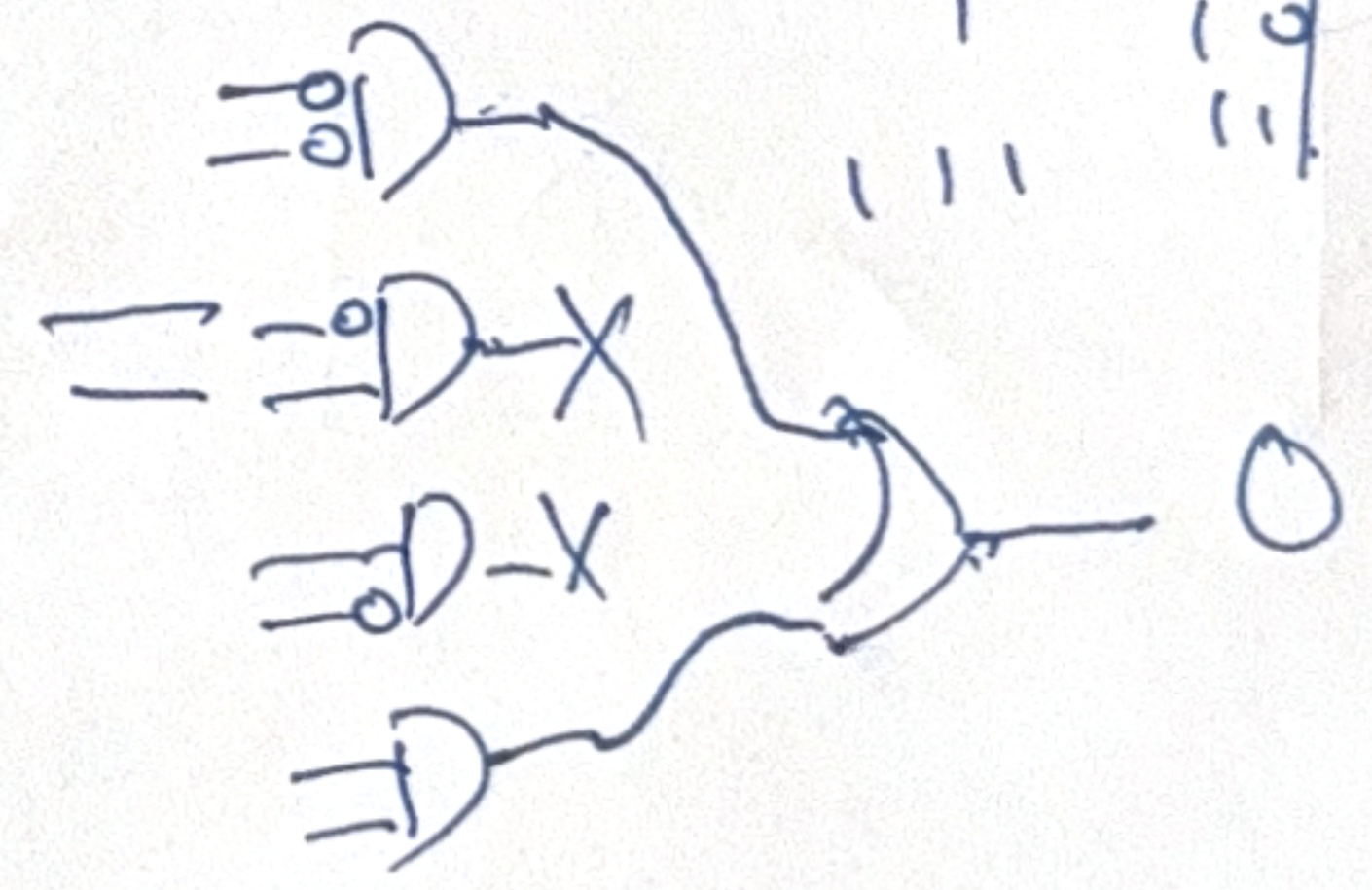
A	B	C
0	0	1
0	0	1
0	1	0
0	1	1
1	0	1
1	0	1
1	1	0
1	1	1

DECISION
FUNCTION



000
001
010
011

A	B	O
0	0	1
0	1	0
1	0	0
1	1	1

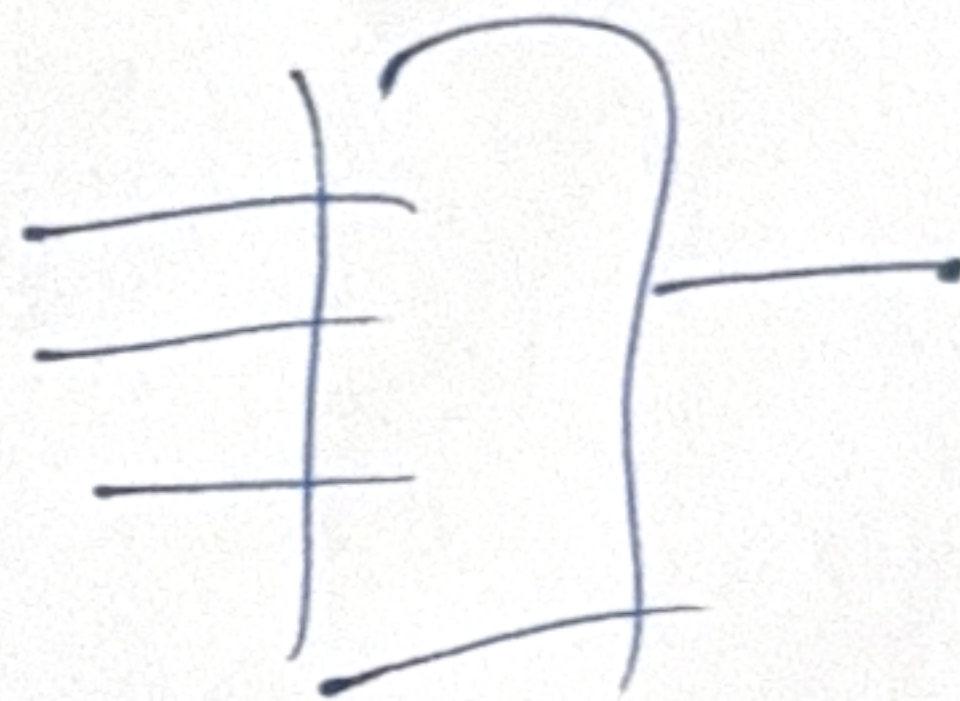
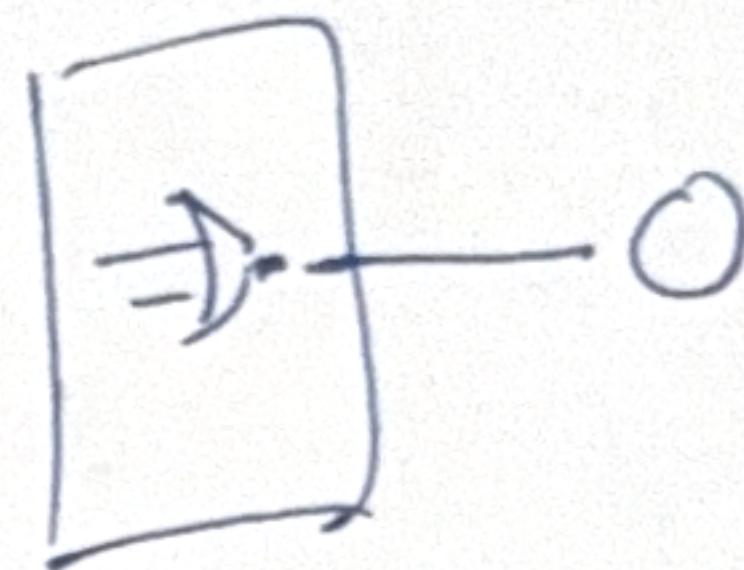


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(2)

C	A	B	O
0	0	0	X
0	0	1	Y
0	1	0	Z
0	1	1	W
1	0	0	N
1	0	1	M
1	1	0	P
1	1	1	Q

0	1	0
0	1	0
0	1	0
0	1	1



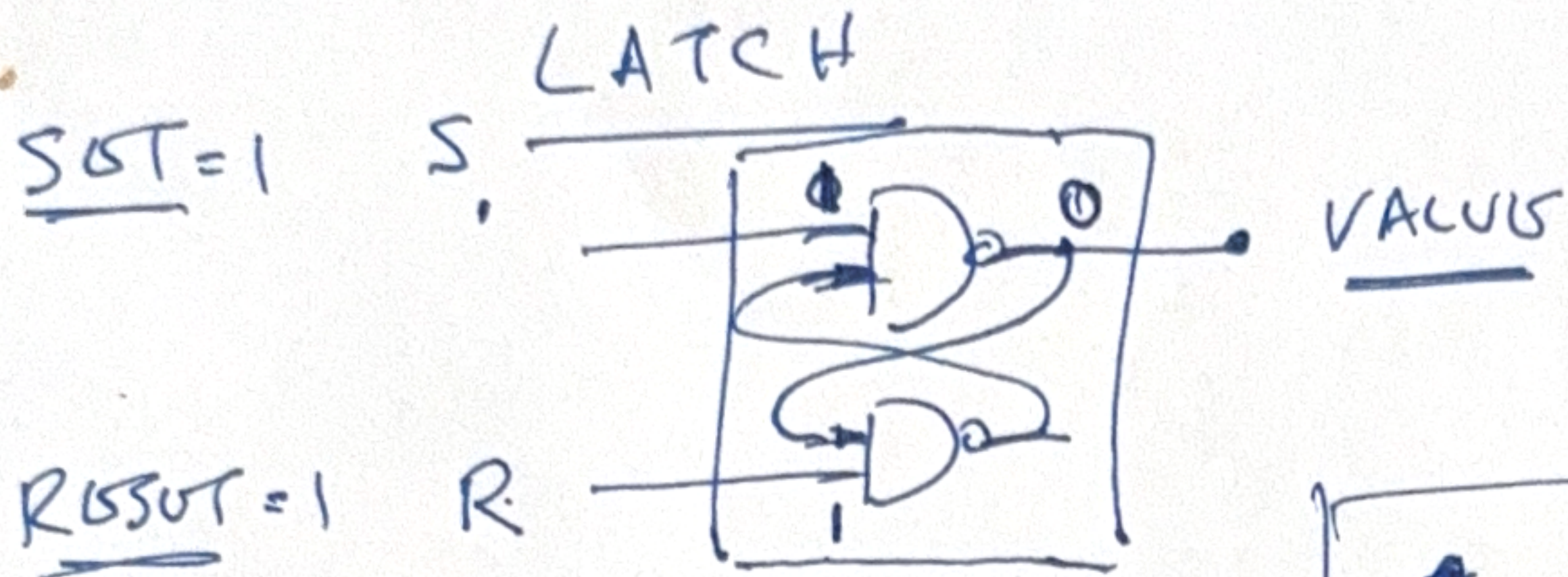
1
0
0
0

|

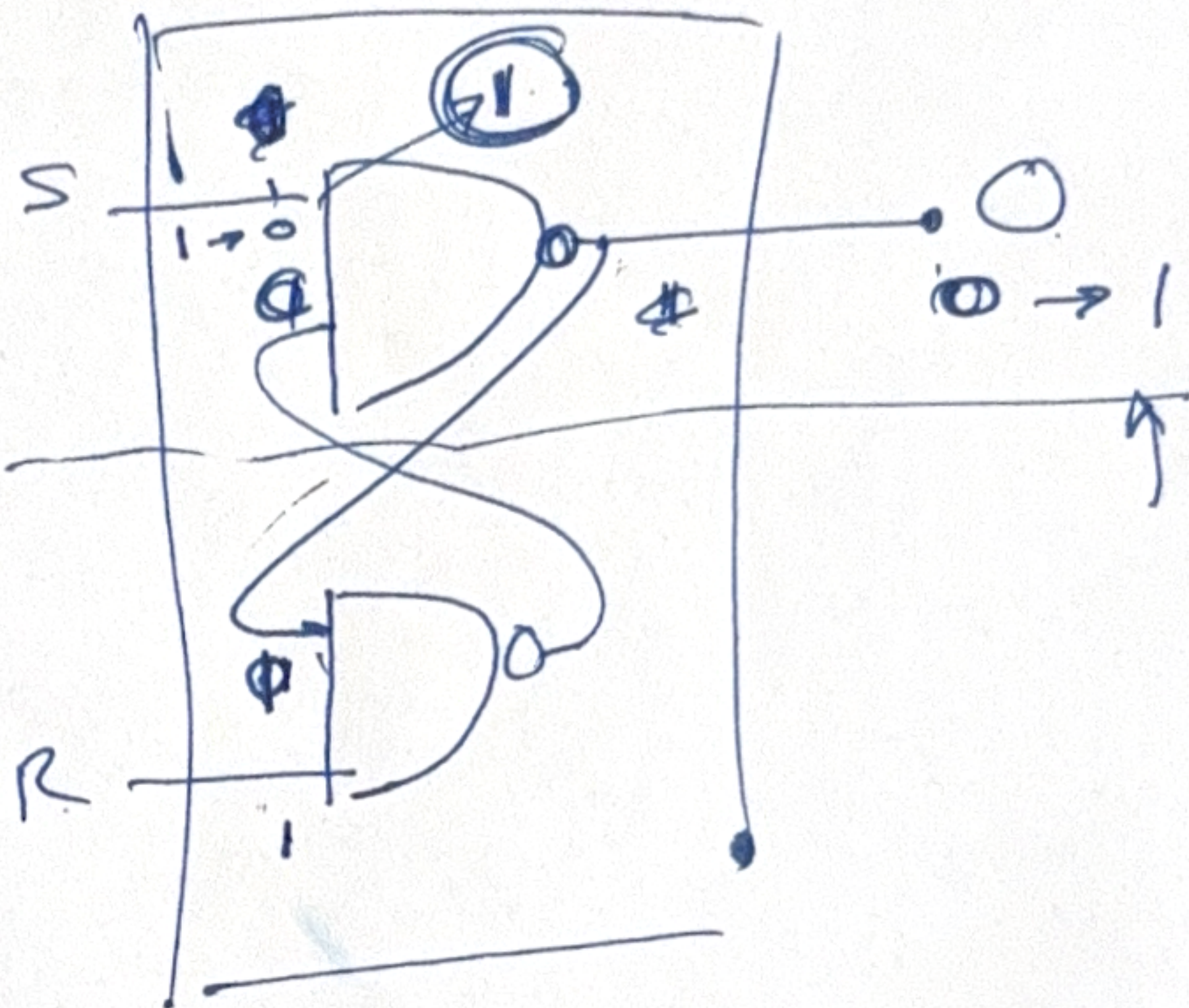
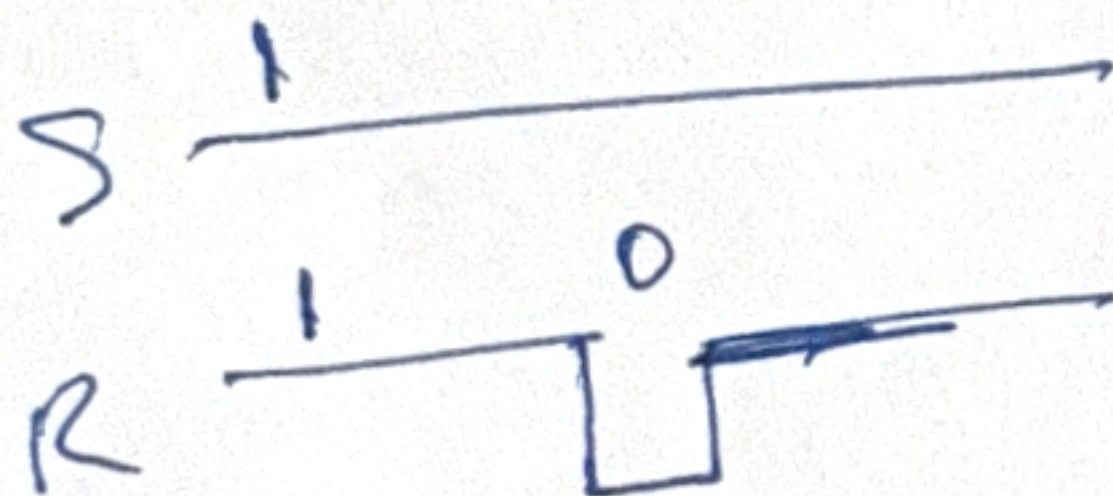
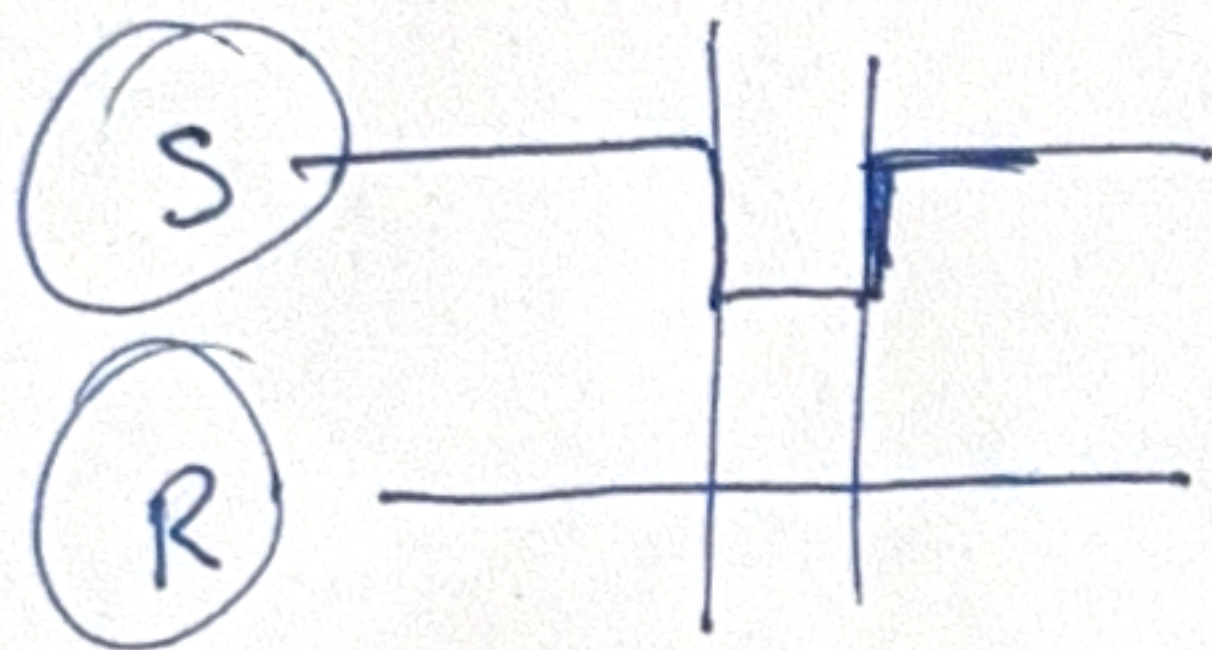
A	B	O
0	0	✓
0	1	✓
1	0	✓
1	1	✓

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③

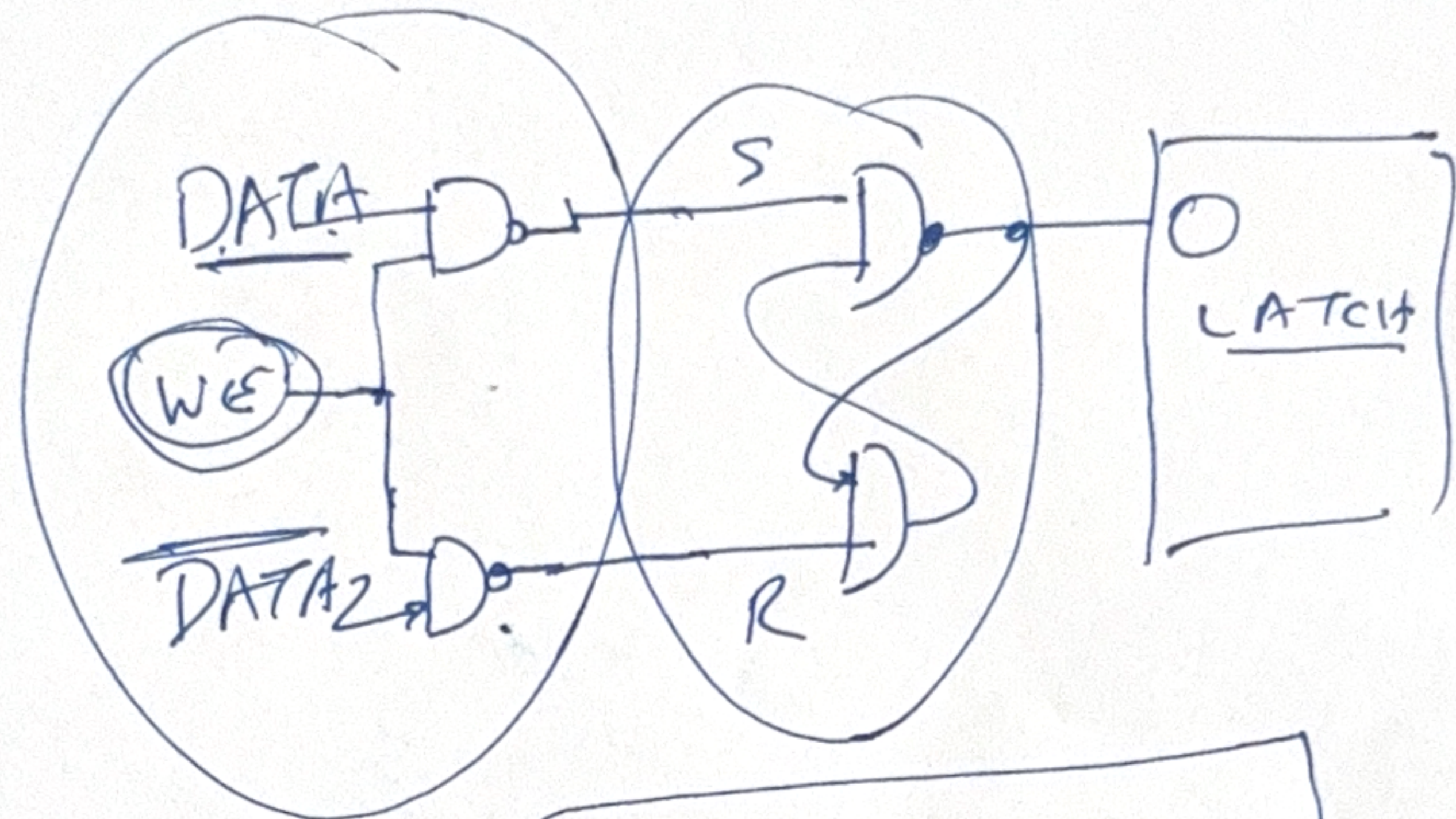


QUIESCENT



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(4)



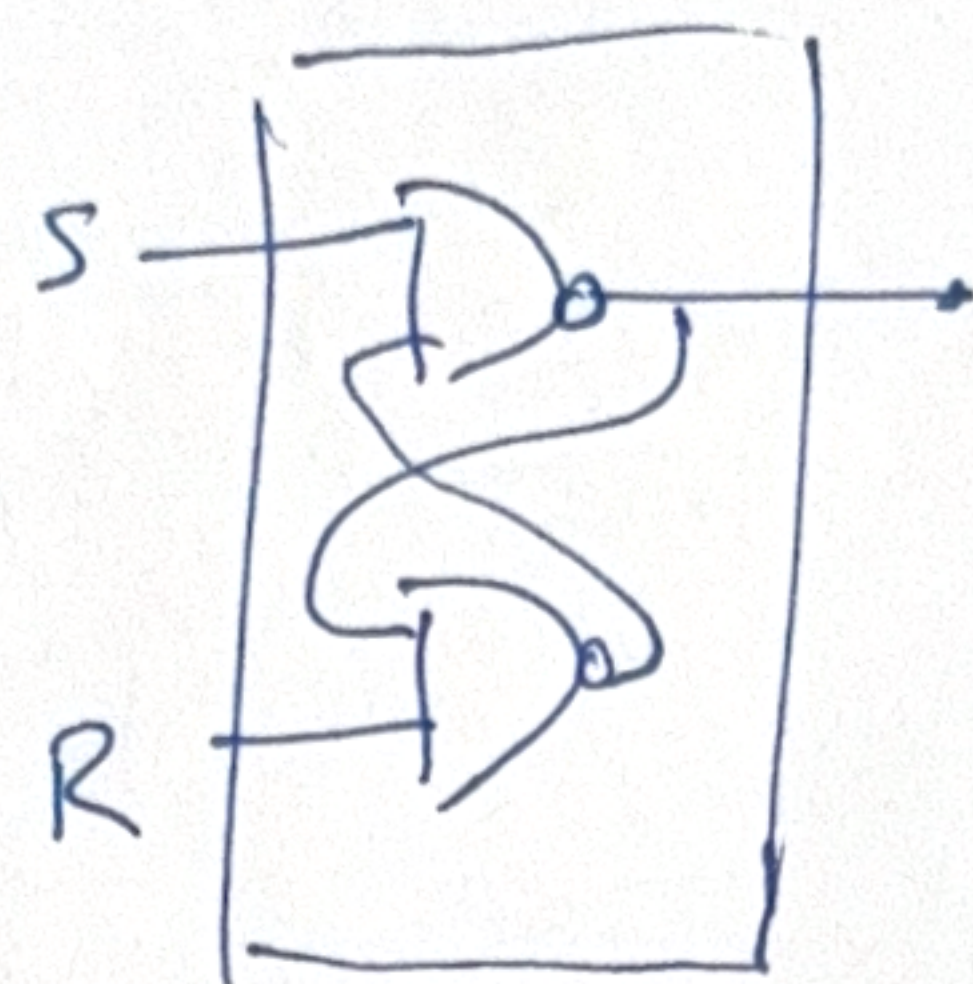
GATED LATCH

GATE

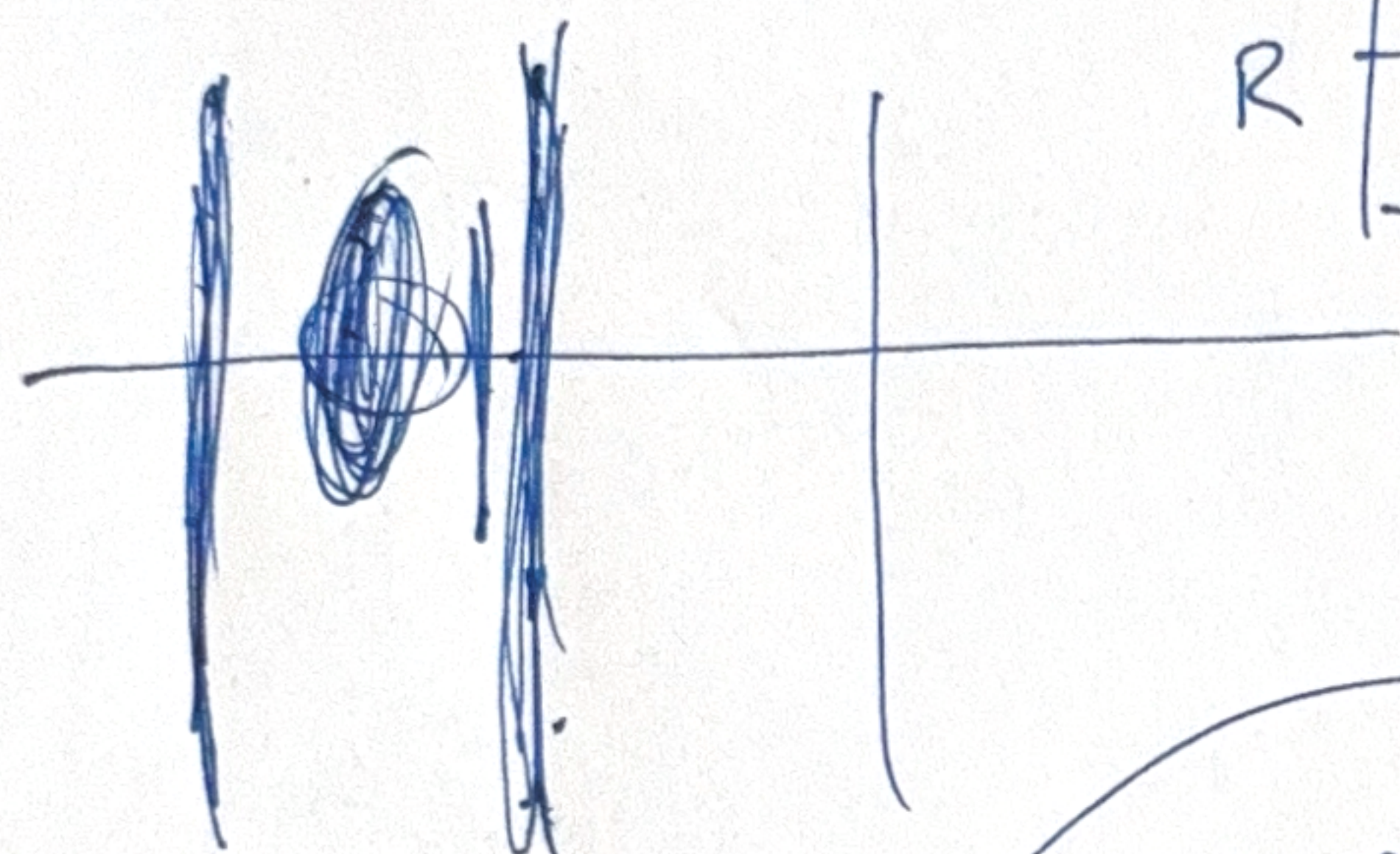
||

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(5)

CLOCK
CYCLE



RACE



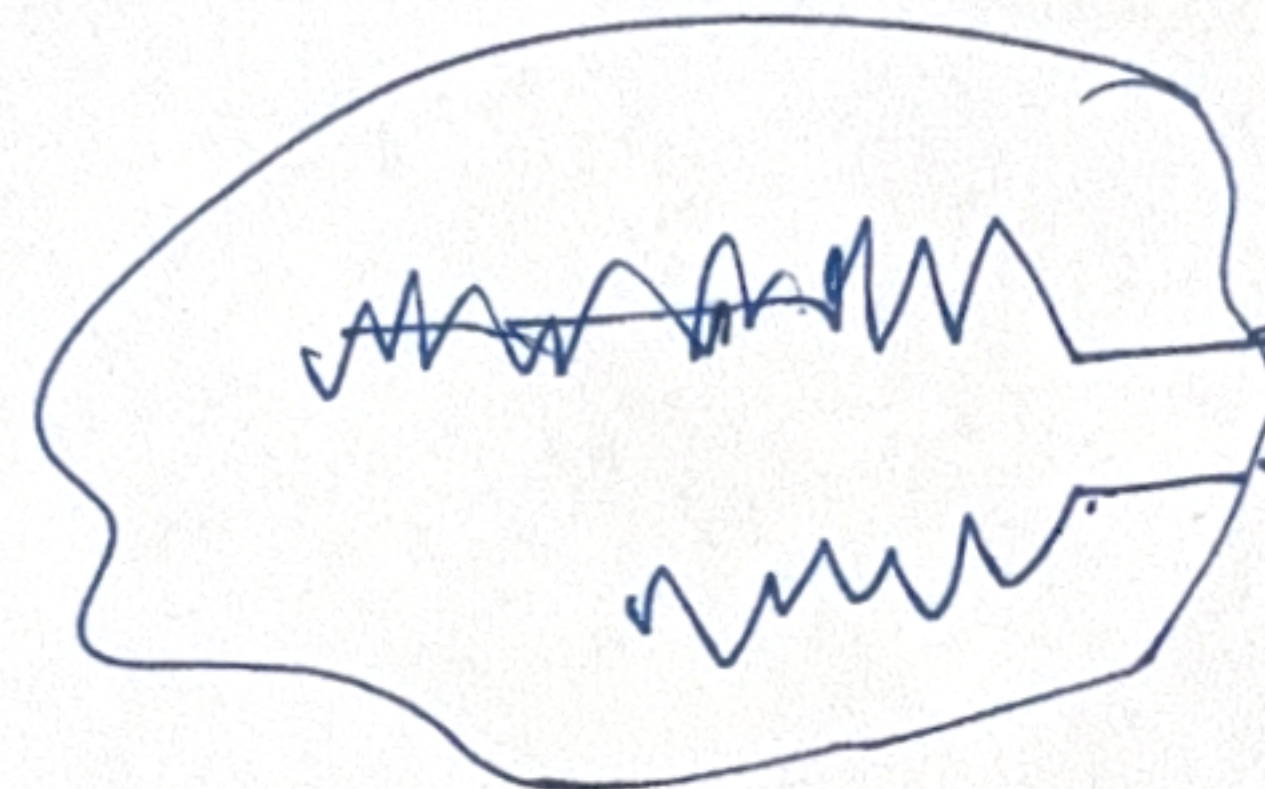
A = 1
B = 0

A = 0
B = 1

1

1

S = 0



A = 1
B = 1

