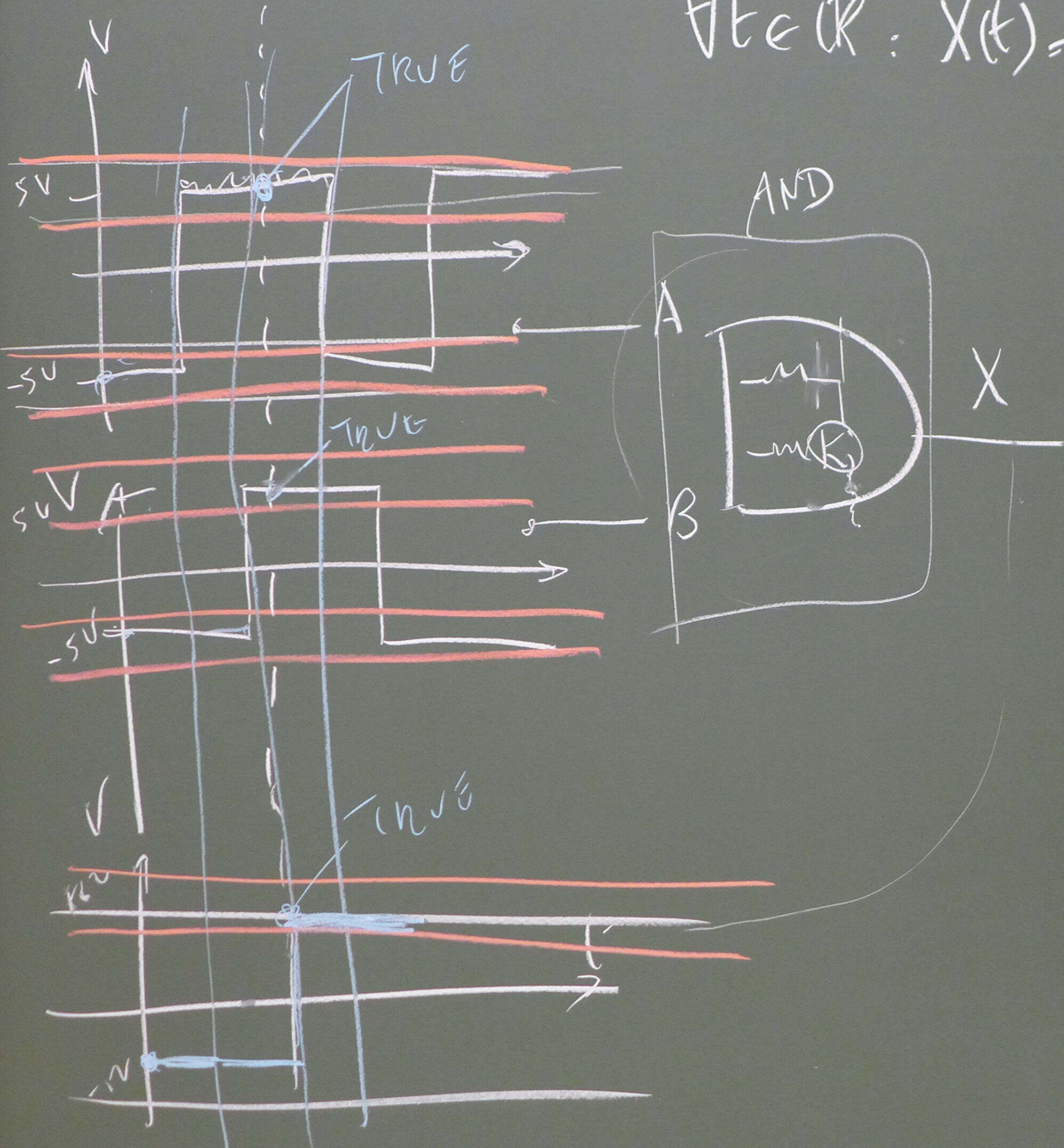


$$\forall t \in \mathbb{R} : X(t) = A(t) \text{ AND } B(t)$$





$N = 3$

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

$2^N$



N

$$G = 10$$

log

10

G

>

N





AND

OR

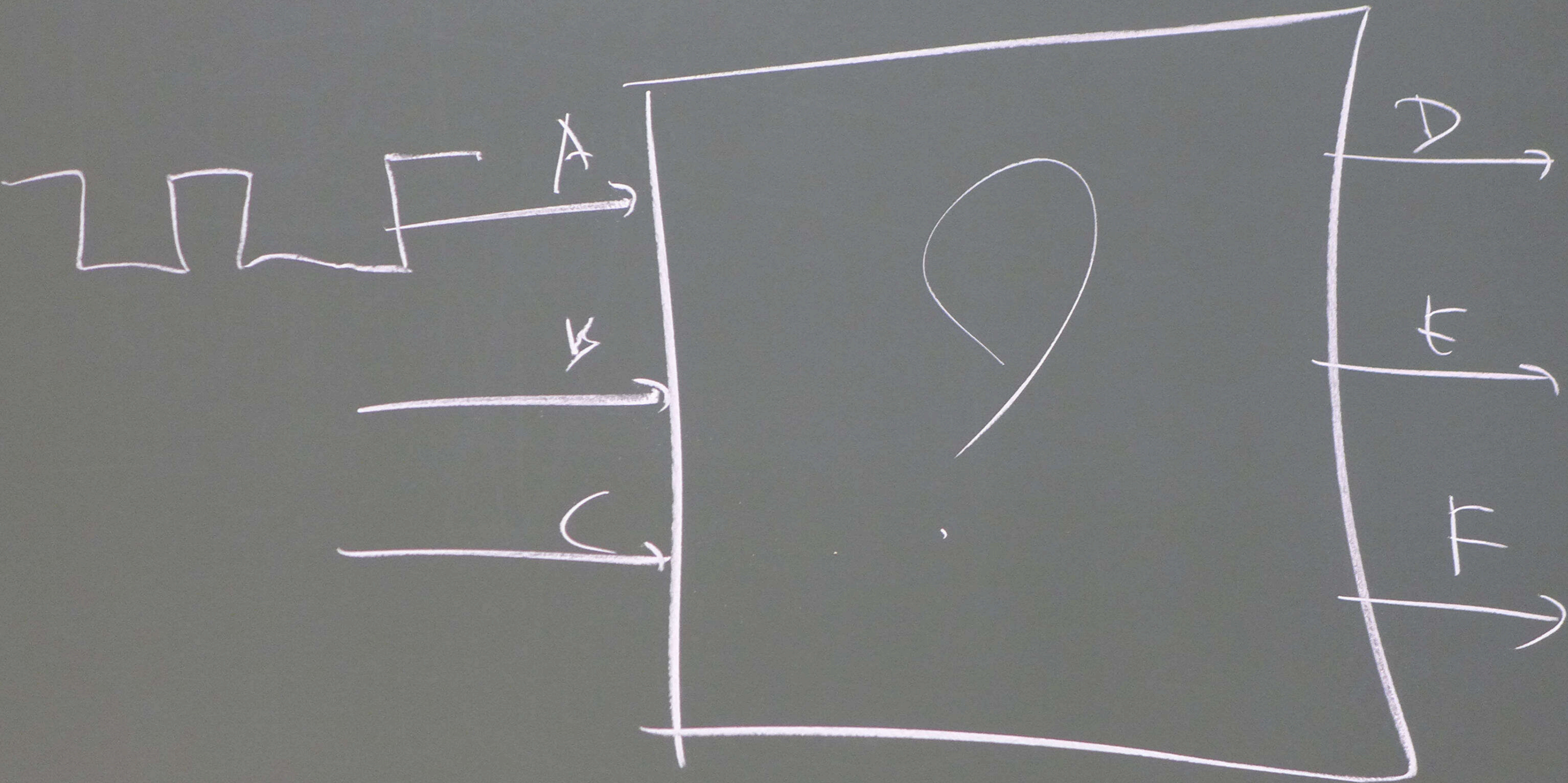
NOT

$\wedge$

$\vee$

$\neg$

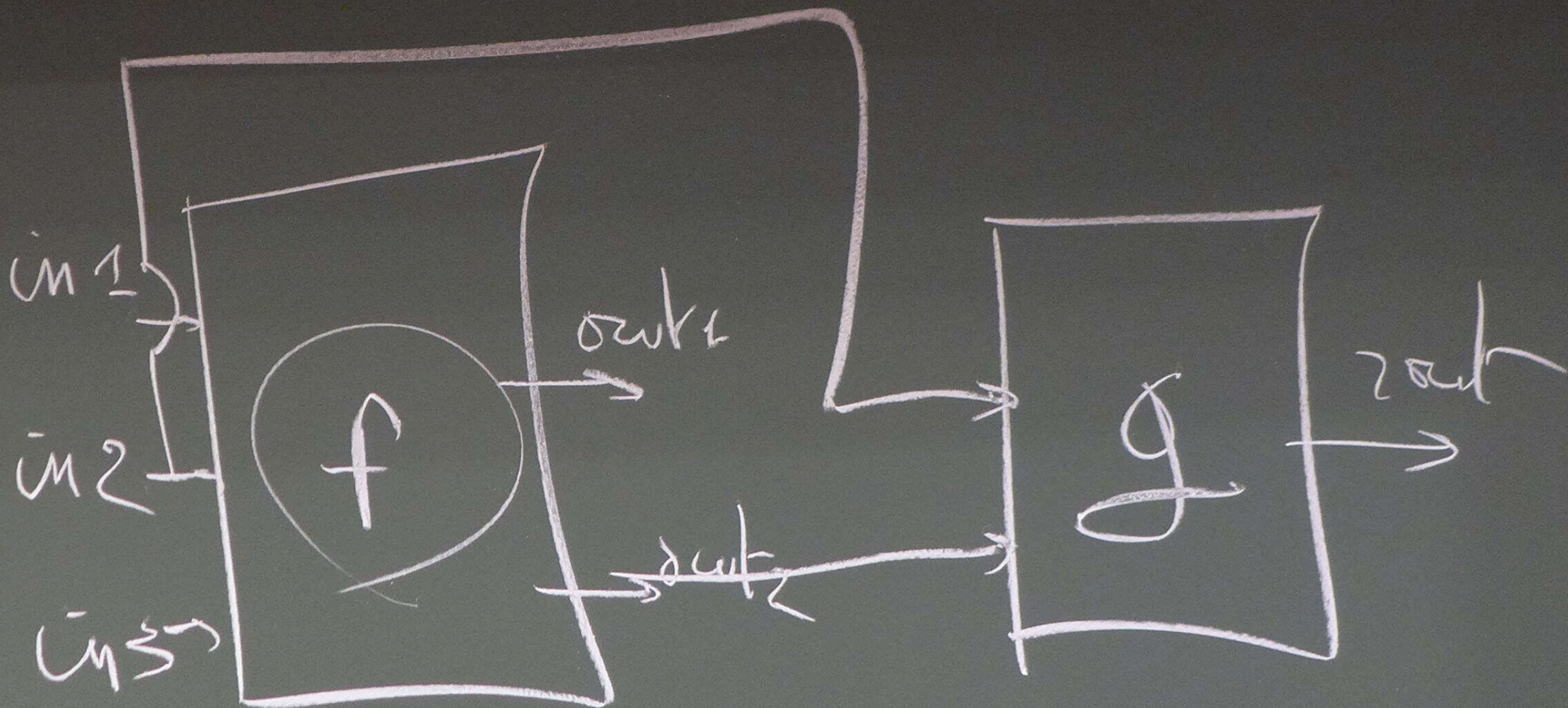




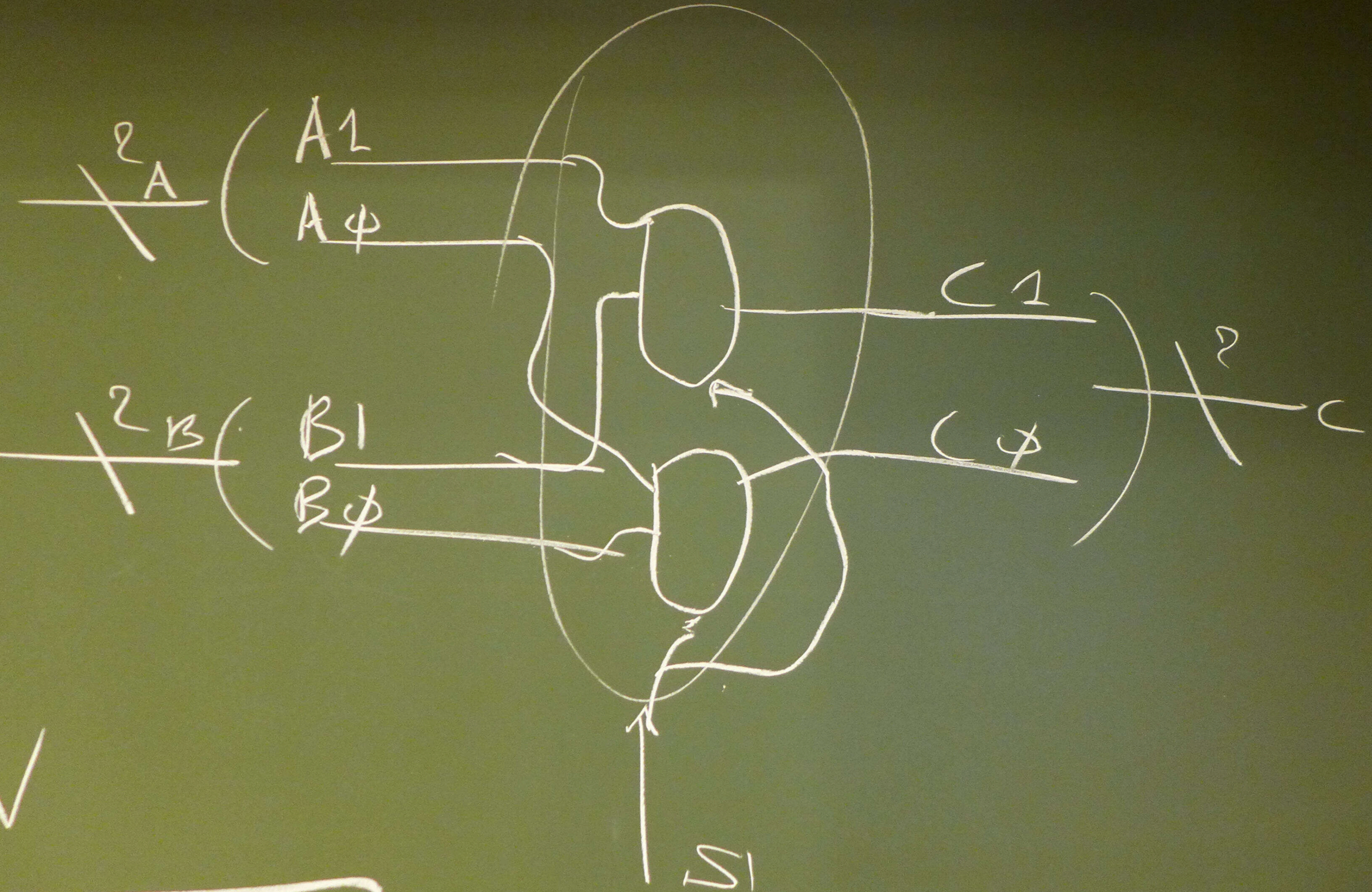


$$(\underline{\text{out}_1}, \underline{\text{out}_2}) = f(\text{in}_1, \underline{\text{in}_2}, \text{in}_3)$$

$$2 \text{out} = g(\text{in}_2, \text{out}_2)$$

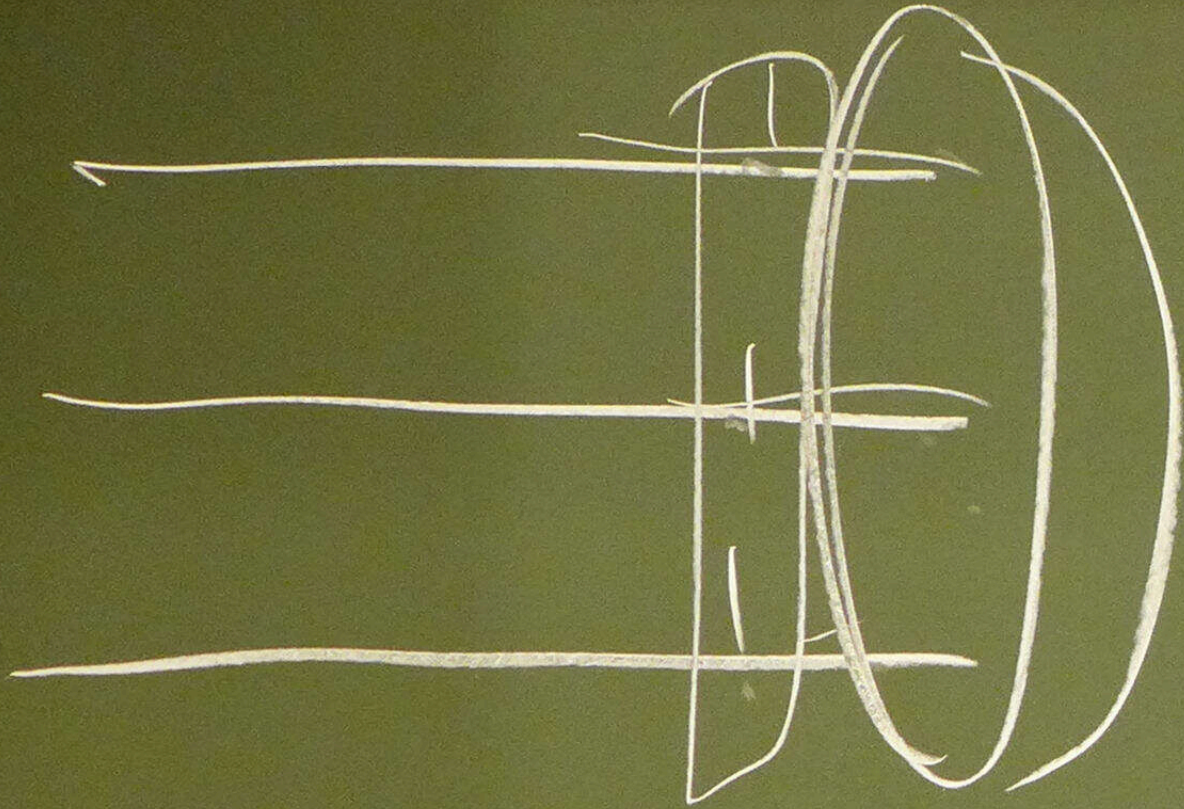








"BUS"



$\phi_{10}$



3

N=3

A	B	C
F	F	$\phi$
F	$\phi$	T
$\phi$	T	$\phi$
$\phi$	H	T
/	0	0
/	0	1
/	1	0
/	1	1

$\phi_{10}$

1<sub>10</sub>

2<sub>10</sub>

3<sub>10</sub>

(7)

$2^N$

B

C

R

P

Q

ENCODE

DECODE

