

## AP1 SISTEMAS-DIGITAIS grupo 4

### Integrantes

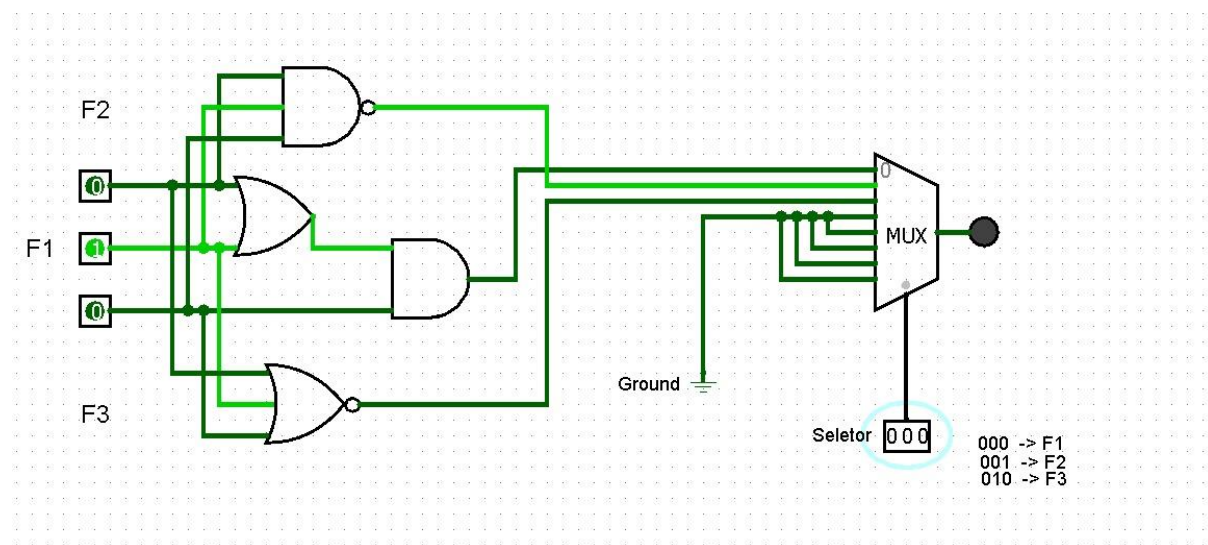
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### CIRCUITO LOGISIM



### TABELA VERDADE

x	y	z	$(x \vee y)$	$\bar{z}$	saída $F_1$
0	0	0	0	1	0
0	0	1	0	0	0
0	1	0	1	1	1
0	1	1	1	0	0
1	0	0	1	1	1
1	0	1	1	0	0
1	1	0	1	1	1
1	1	1	1	0	0

$$F_1 = (x+y) \cdot \bar{z}$$

NAND				$F_2$		NOR				$F_3$
x	y	z	AND	NAND		x	y	z	OR	NOR
0	0	0	0	1		0	0	0	0	1
1	0	0	0	1		0	0	1	1	0
2	0	1	0	1		0	1	0	1	0
3	0	1	1	0		0	1	1	1	0
4	1	0	0	0		1	0	0	1	0
5	1	0	1	0		1	0	1	1	0
6	1	1	0	0		1	1	0	1	0
7	1	1	1	1	0	1	1	1	1	0

$$F_2 = x \cdot y \cdot z$$

CATEDRAL  
FMS 100,7

PROJETO  
CONEXÃO  
COM VALORES

$$F_3 = x + y + z$$

adce