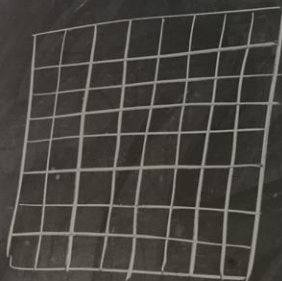


CARLO COLOMBO (6 CFU)



Lunedì { 14:15 → 15:30
 } 15:45 → 16:45

Martedì 14:15 → 15:45

Scritto § Orali

$$1+2+4+8+\dots + 2^{63} = 2^{64} - 1 =$$

18 446 744 073 709 551

IL CORSO

I, Reti Logiche

Combinazione

PORTE

algebra
booleana
(da George Boole)

(6 CFU)

= 30

= 45

= 45

IL CORSO

digitali
sincroni

I. Reti Logiche

combinatorie

sequenziali

PORTE LOGICHE

algebra

booleana

(da George Boole)

Torre di Hanoi



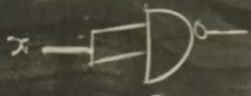
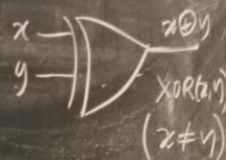
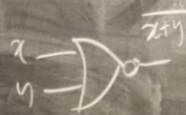
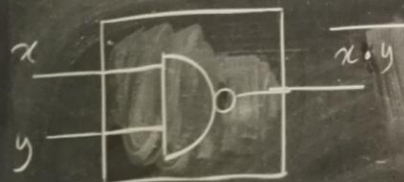
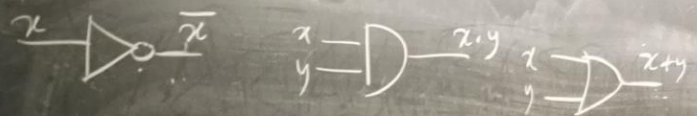
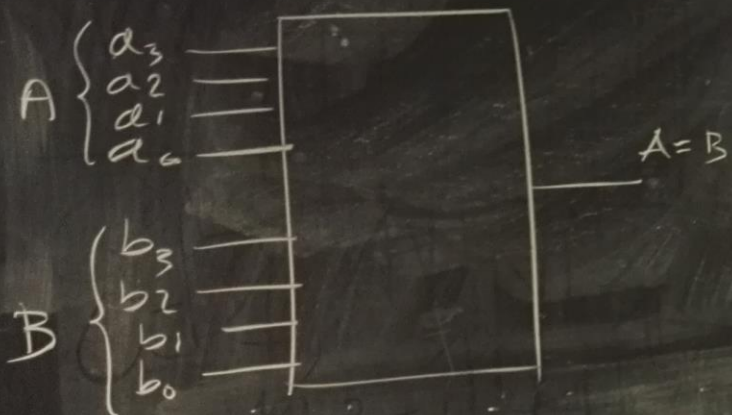
le 4 funzioni di 1 variabile

x	$f_0(x)$	$f_1(x)$	$f_2(x)$	$f_3(x)$
0	0	0	1	1
1	0	1	0	1

x y	$f_0(x,y)$	f_1	f_2	f_3	f_4	f_5
00	0	0	0	0	0	0
01	0	0	0	0	1	0
10	0	0	1	1	0	0
11	0	1	0	1	0	0

073 709 551 615

Check dell'uguaglianza
tra due parole binarie



x	y	NAND(x,y) = $\overline{x \cdot y}$
0	0	1
0	1	1
1	0	1
1	1	0

IL COR

I, Reti Lo

Comb

PORT

algebra
booleana
(da George Boole)