

1° ESERCIZIO

1)

A	B	C	D	F
0	0	0	0	0
0	0	0	1	0
0	0	1	0	0
0	0	1	1	0
0	1	0	0	0
0	1	0	1	0
0	1	1	0	1
0	1	1	1	1
1	0	0	0	1
1	0	0	1	0
1	0	1	0	0
1	0	1	1	0
1	1	0	0	0
1	1	0	1	0
1	1	1	0	1
1	1	1	1	1

2) $D\bar{D}$ è sempre falsa dunque

$$F = F(A, B, C) = A\bar{C} \vee BC \vee AB$$

3)

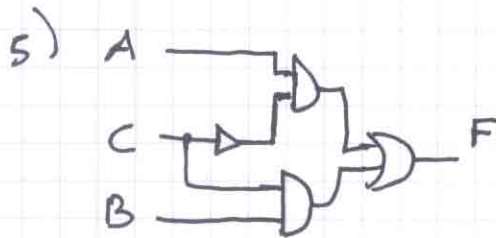
A	B	C	F
0	0	0	0
0	0	1	0
0	1	0	1
0	1	1	1
1	0	0	1
1	0	1	0
1	1	0	0
1	1	1	1

4)

C	AB			
	00	01	11	10
0	0	0	1	1
1	1	0	1	0

AB : ridondante
 AC
 BC

$$F = BC \vee AC$$

2° ESERCIZIO

1) 5

2) la media aritmetica dei valori contenuti nel vettore.