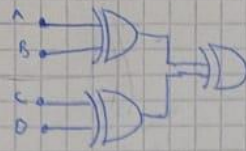


U6 LÓGICA DIGITAL

HOJA N°

FECHA

1)



GENERADOR DE PARIDAD P4

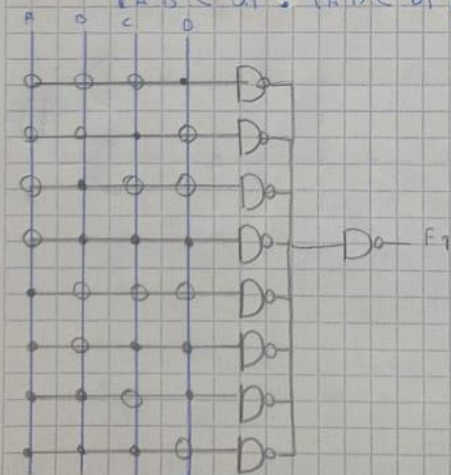
2)

A	B	C	D	A ⊕ B	C ⊕ D	F1 =
0	0	0	0	0	0	0
0	0	0	1	0	1	1
0	0	1	0	0	1	1
0	0	1	1	0	0	0
0	1	0	0	1	0	1
0	1	0	1	1	1	0
0	1	1	0	1	1	0
0	1	1	1	1	0	1
1	0	0	0	1	0	1
1	0	0	1	1	1	0
1	0	1	0	1	1	0
1	0	1	1	0	0	1
1	1	0	0	0	0	0
1	1	0	1	0	1	1
1	1	1	0	0	1	1
1	1	1	1	0	0	0

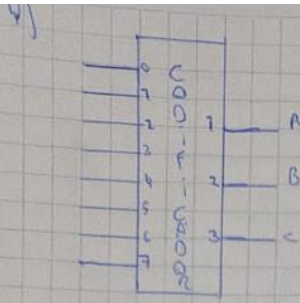
de memoria
↑

$$FND_{F1} = (\bar{A} \bar{B} \bar{C} D) \cdot (\bar{A} \bar{B} C \bar{D}) \cdot (\bar{A} B \bar{C} \bar{D}) \cdot (\bar{A} B C D) \cdot (A \bar{B} \bar{C} \bar{D})$$

$$(A \bar{B} C D) \cdot (A B \bar{C} D) \cdot (A B C \bar{D})$$



NOTA



5)

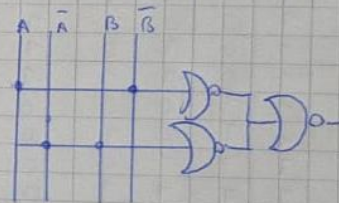
3)

A	B	PI
0	0	1
0	1	0
1	0	0
1	1	1

FNC

$$\overline{(A+B)} \cdot (\overline{A} + \overline{B})$$

$$A + \overline{B} + (\overline{A} + B)$$



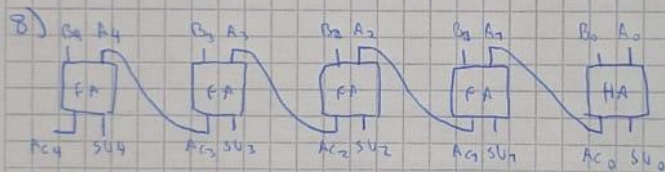
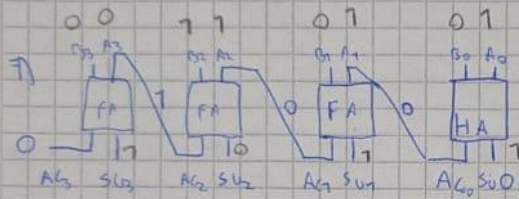
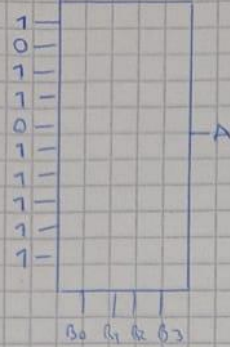
5)

X	Y	Z	W	S
0	0	0	0	0
0	0	0	1	1
0	0	1	0	1
0	0	1	1	0
0	1	0	0	1
0	1	1	0	1
0	1	1	1	1
1	0	0	0	1
1	0	0	1	1

FNC

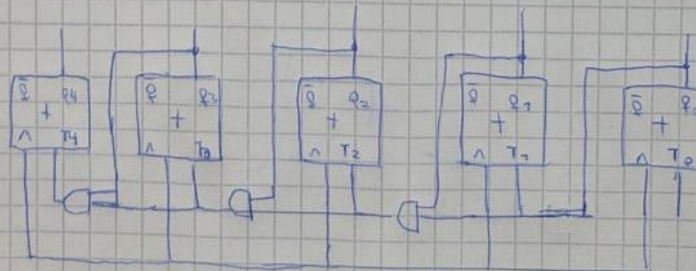


6)



9) $0111 \oplus 0101 = 0010$

11)



NOTA