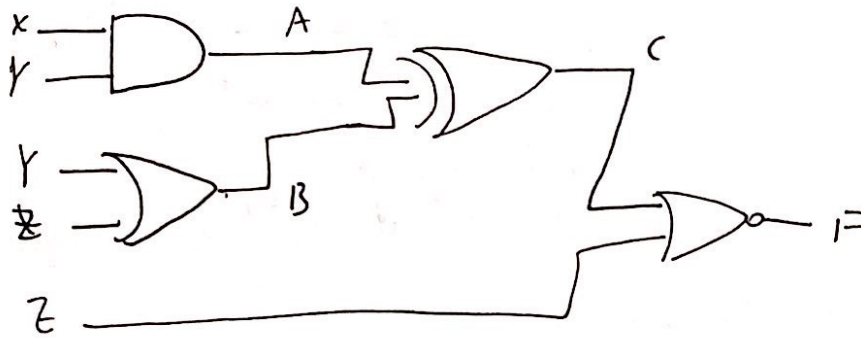


1.

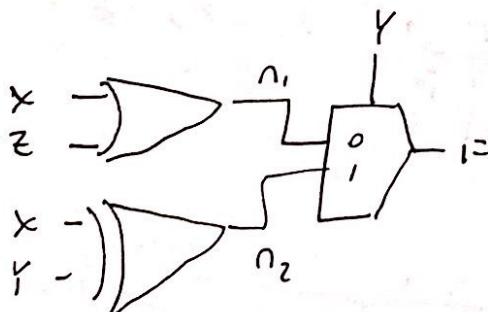


$$A = x \cdot y \quad B = y + z \quad C = (x \cdot y) \oplus (y + z)$$

$$F = C + z = \overline{(x \cdot y) \oplus (y + z) + z}$$

x	y	z	A	B	C	F
0	0	0	0	0	0	1
0	0	1	0	1	1	0
0	1	0	0	1	1	0
0	1	1	0	1	0	1
1	0	0	0	0	0	0
1	0	1	0	1	1	0
1	1	0	1	1	0	1
1	1	1	1	1	0	0

2.

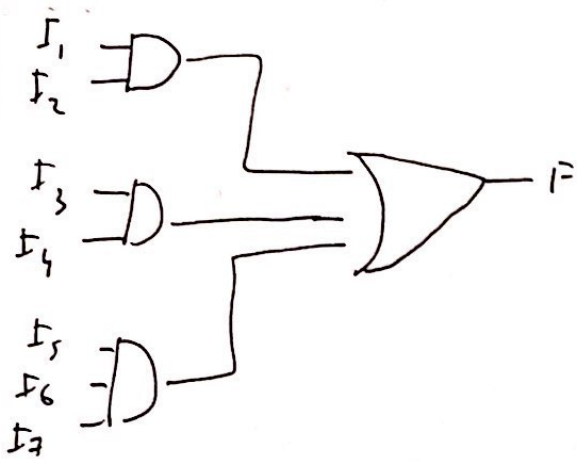


$$n_1 = x + z$$

$$n_2 = x \oplus y$$

x	y	z	n ₁	n ₂	F
0	0	0	0	0	0
0	0	1	1	0	1
0	1	0	0	1	1
0	1	1	1	1	1
1	0	0	1	1	1
1	0	1	1	0	0
1	1	0	1	0	0
1	1	1	1	0	0

3.



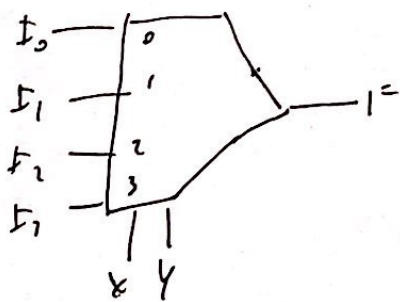
$x \ y$	00	01	11	10
$z \ w$	00	01	11	10
00	0	0	1	1
01	-	1	1	1
11	1	1	-	1
10	1	1	1	1

$$F = x'y'z + yz'w + xz$$

$x \ y$	00	01	11	10
$z \ w$	00	01	11	10
00	0	0	-	1
01	-	1	1	1
11	1	1	-	1
10	1	1	1	1

$$F = x'y' + x' \cdot z' \cdot w' + y' \cdot z$$

4.



$x \ y$	00	01	11	10
z	00	01	11	10
0	0	0	1	1
1	1	1	1	1

$$F = xy + x'z + y'z$$

$x \ y \ z$	I_0	I_1	I_2	I_3
000	0	0	0	0
001	0	0	0	0
010	0	0	0	0
011	0	0	0	0
100	0	0	0	0
101	0	0	0	0
110	0	0	0	0
111	0	0	0	0

$x \ y \ z$	Value partial	\downarrow
000	$f(000) = z$	0
001	$f(001) = z$	0
010	$f(010) = z$	0
011	$f(011) = z$	0
100	$f(100) = z$	0
101	$f(101) = z$	0
110	$f(110) = z$	0
111	$f(111) = z$	0

Σ

$$F_1(x, y, z) = \sum_m (p, 1, 2, 3, 4, 5)$$


$\begin{matrix} x & y \\ \hline z \end{matrix}$	00	01	11	10
0	1	1	1	1
1	1	1	1	1


$$F_1(x, y, z) = x' + y'$$

$$F_2(x, y, z) = \sum_m (1, 3, 6, 7)$$

$\begin{matrix} x & y \\ \hline z \end{matrix}$	00	01	11	10
0	0	0	1	1
1	1	1	1	1

$$F_2(x, y, z) = x'z + xy$$

ESPAÑA  **DOCUMENTO NACIONAL DE IDENTIDAD**



BJD190603

APELLIDOS
GÓMEZ
LÓPEZ

NOMBRE
JAVIER

SEXO
M

NACIONALIDAD
ESP

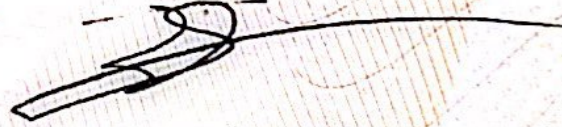
FECHA DE NACIMIENTO
27 08 2002

NUM SOPORT
BJD190603

VALIDEZ
01 03 2024

010319

DNI 03949965Z



505664

DOMICILIO

PLZA. CRISTO 19 P03
TORRIJOS
TOLEDO

870100203

EQUIPO

45657L6D1



LUGAR DE NACIMIENTO
TORRIJOS
TOLEDO

HIJO/A DE
CARLOS GUSTAVO / MARIA YOLANDA

IDESPBJD190603603949965Z<<<<<<
0208275M2403018ESP<<<<<<<<<<<2
GOMEZ<LOPEZ<<JAVIER<<<<<<<<<<<