

3

3 funciones \rightarrow 2 r ndos de selecci n

$A+B+1 \rightarrow$ arithmetico \rightarrow sel S

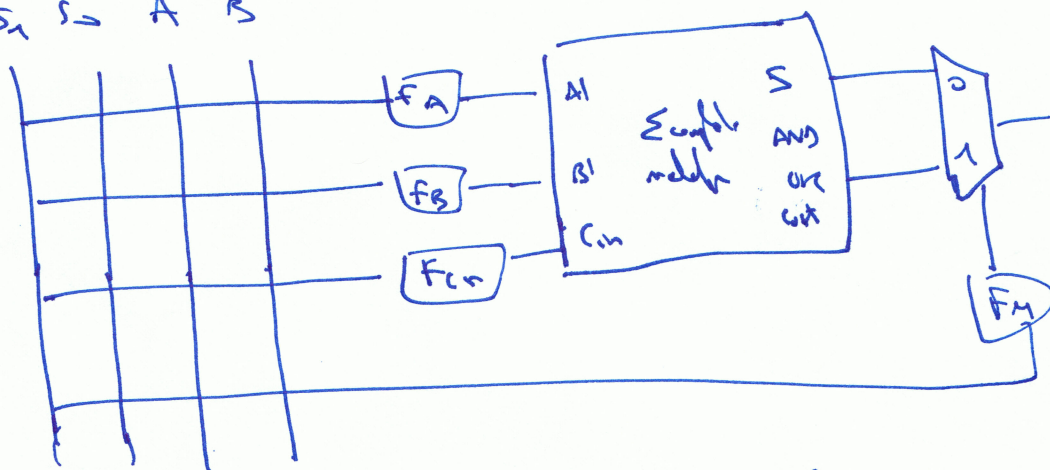
$A-1 \rightarrow$ arithmetico \rightarrow sel S

(-1 = 1111 en C2)

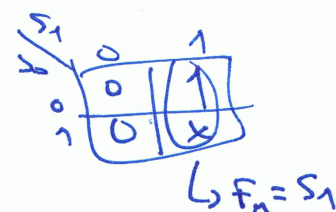
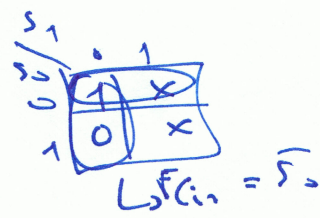
$$A \cdot B + \bar{A}B + A\bar{B} = \underbrace{(A+\bar{A})}_1 B + A\bar{B} = (B+A)(\underbrace{B+\bar{B}}_1) = A+B \rightarrow \text{sel OK}$$

Reporte

$S_1 \ S_0 \ A \ B$



Operaci�n	S_1	S_0	F_A	F_B	F_{cin}	F_M	F'_3
$A+B+1$	0	0	A	B	1	0	0
$A-1$	0	1	A	1111	0	0	1
$A \vee B$	1	0	A	B	X	1	0
—	1	1	X	X	X	X	X

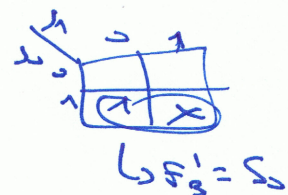


'identical' \rightarrow B = forzar '1'

con una OR



Soluci n



$A \ B \ S_1 \ S_0$

