

PORTE LOGIQUE

Opérateur	Symbole	Table de vérité	Equation															
NON	E 1 S NFC03-212 E Américain S	<table><tr><th>E</th><th>S</th></tr><tr><td>0</td><td>1</td></tr><tr><td>1</td><td>0</td></tr></table>	E	S	0	1	1	0	$S = \overline{E}$									
E	S																	
0	1																	
1	0																	
ET	E₁ E₂ & S NFC03-212 E₁ E₂ Américain S	<table><tr><th>E₁</th><th>E₂</th><th>S</th></tr><tr><td>0</td><td>0</td><td>0</td></tr><tr><td>0</td><td>1</td><td>0</td></tr><tr><td>1</td><td>0</td><td>0</td></tr><tr><td>1</td><td>1</td><td>1</td></tr></table>	E ₁	E ₂	S	0	0	0	0	1	0	1	0	0	1	1	1	$S = E_1 \cdot E_2$
E ₁	E ₂	S																
0	0	0																
0	1	0																
1	0	0																
1	1	1																
ET-NON NAND	E₁ E₂ & S NFC03-212 E₁ E₂ Américain S	<table><tr><th>E₁</th><th>E₂</th><th>S</th></tr><tr><td>0</td><td>0</td><td>1</td></tr><tr><td>0</td><td>1</td><td>1</td></tr><tr><td>1</td><td>0</td><td>1</td></tr><tr><td>1</td><td>1</td><td>0</td></tr></table>	E ₁	E ₂	S	0	0	1	0	1	1	1	0	1	1	1	0	$S = \overline{E_1 \cdot E_2} = \overline{E_1} + \overline{E_2}$
E ₁	E ₂	S																
0	0	1																
0	1	1																
1	0	1																
1	1	0																
OU	E₁ E₂ ≥1 S NFC03-212 E₁ E₂ Américain S	<table><tr><th>E₁</th><th>E₂</th><th>S</th></tr><tr><td>0</td><td>0</td><td>0</td></tr><tr><td>0</td><td>1</td><td>1</td></tr><tr><td>1</td><td>0</td><td>1</td></tr><tr><td>1</td><td>1</td><td>1</td></tr></table>	E ₁	E ₂	S	0	0	0	0	1	1	1	0	1	1	1	1	$S = E_1 + E_2$
E ₁	E ₂	S																
0	0	0																
0	1	1																
1	0	1																
1	1	1																
OU-NON NOR	E₁ E₂ ≥1 S NFC03-212 E₁ E₂ Américain S	<table><tr><th>E₁</th><th>E₂</th><th>S</th></tr><tr><td>0</td><td>0</td><td>1</td></tr><tr><td>0</td><td>1</td><td>0</td></tr><tr><td>1</td><td>0</td><td>0</td></tr><tr><td>1</td><td>1</td><td>0</td></tr></table>	E ₁	E ₂	S	0	0	1	0	1	0	1	0	0	1	1	0	$S = \overline{E_1 + E_2} = \overline{E_1} \cdot \overline{E_2}$
E ₁	E ₂	S																
0	0	1																
0	1	0																
1	0	0																
1	1	0																
OU-EXCLU SIF	E₁ E₂ =1 S NFC03-212 E₁ E₂ Américain S	<table><tr><th>E₁</th><th>E₂</th><th>S</th></tr><tr><td>0</td><td>0</td><td>0</td></tr><tr><td>0</td><td>1</td><td>1</td></tr><tr><td>1</td><td>0</td><td>1</td></tr><tr><td>1</td><td>1</td><td>0</td></tr></table>	E ₁	E ₂	S	0	0	0	0	1	1	1	0	1	1	1	0	$S = E_1 \oplus E_2 = \overline{E_1} \cdot E_2 + E_1 \cdot \overline{E_2}$
E ₁	E ₂	S																
0	0	0																
0	1	1																
1	0	1																
1	1	0																
EGALITE	E₁ E₂ =1 S NFC03-212 E₁ E₂ Américain S	<table><tr><th>E₁</th><th>E₂</th><th>S</th></tr><tr><td>0</td><td>0</td><td>1</td></tr><tr><td>0</td><td>1</td><td>0</td></tr><tr><td>1</td><td>0</td><td>0</td></tr><tr><td>1</td><td>1</td><td>1</td></tr></table>	E ₁	E ₂	S	0	0	1	0	1	0	1	0	0	1	1	1	$S = \overline{E_1 \oplus E_2}$
E ₁	E ₂	S																
0	0	1																
0	1	0																
1	0	0																
1	1	1																