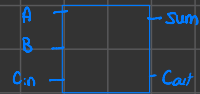


A	B	Cin	Sum	Carry out
0	0	0	0	0
0	0	1	1	0
0	1	0	1	0
0	1	1	0	1
1	0	0	1	0
1	0	1	0	1
1	1	0	0	1
1	1	1	1	1



ab	00	01	11	10
Summe	0	1	0	1
	1	0	1	0

$A \oplus B \oplus C$

ab	00	01	11	10
Carry out	0	0	1	0
	0	1	0	1

$AB + CB + CA$

opa = switch  $\rightarrow A$   
 opb = boutons  $\rightarrow B$

$$\begin{array}{r}
 1010 \\
 + 1001 \\
 \hline
 10011
 \end{array}$$



Thermo 2Bn

A	B	C	$f_3$	$f_2$	$f_1$	$f_0$	$F_R$
0	0	0	0	0	0	0	0
0	0	1	0	0	0	1	0
0	1	0	d	d	d	d	1
0	1	1	0	0	1	0	0
1	0	0	d	d	d	d	1
1	0	1	d	d	d	d	1
1	1	0	d	d	d	d	1
1	1	1	0	0	1	1	0



$\backslash AB$	00	01	11	10
0	0	d	d	d
1	1	0	1	d

Change(0)  
 $A \oplus B \oplus C$

$\backslash AB$	00	01	11	10
0	0	d	d	d
1	0	1	1	d

Change(1)  
 $B$

$\backslash AB$	00	01	11	10
0	0	1	1	1
1	0	0	0	1

Erreur  
 $A\bar{B} + \bar{C}B$

$\backslash AB$	00	01	11	10
0	0	d	d	d
1	1	0	1	d

$f_0$        $A + C\bar{B}$