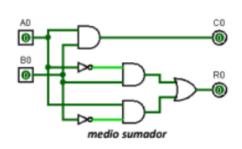
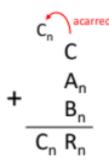
Operaciones aritméticas

Las operaciones aritméticas en sistema binario se hacen del mismo modo que en el sistema decimal, sin embargo, son más sencillas debido al sistema de numeración.

Suma

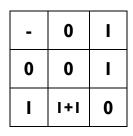
+	0	I
0	0	ı
I	ı	1+0

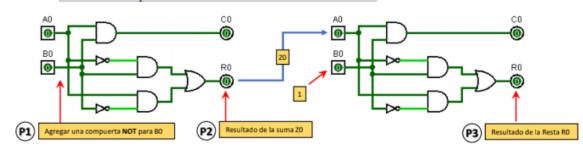




Resta

Resta= Complemento sustraendo + minuendo + 1





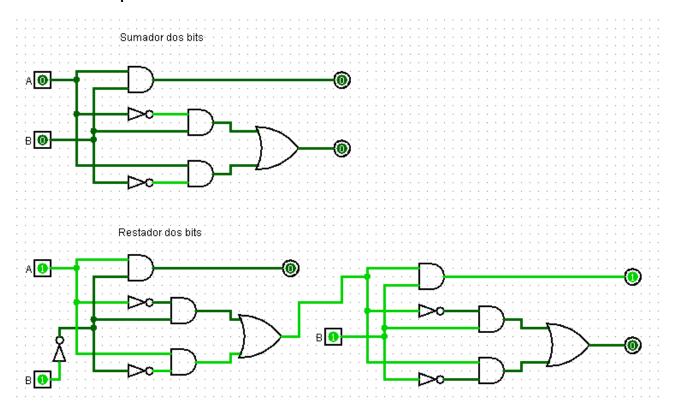
Multiplicacion

*	0	ı
0	0	0
I	0	ı

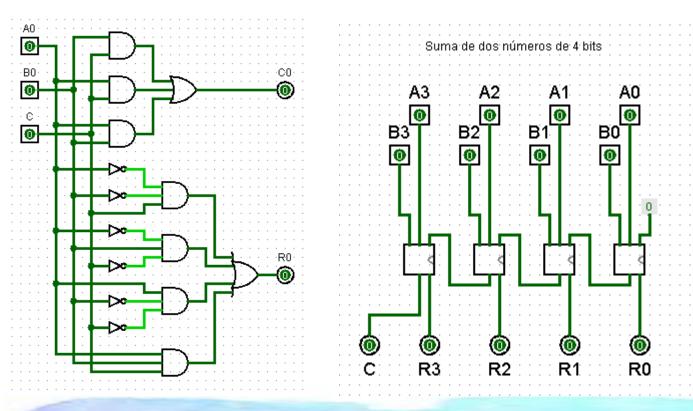
Division

Procedimiento similar al del sistema decimal.

Circuitos implementados

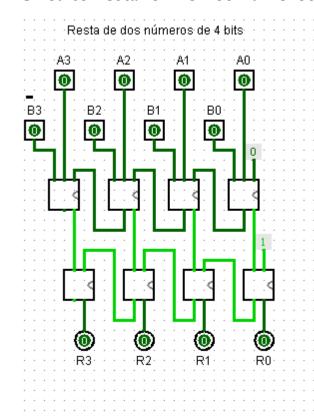


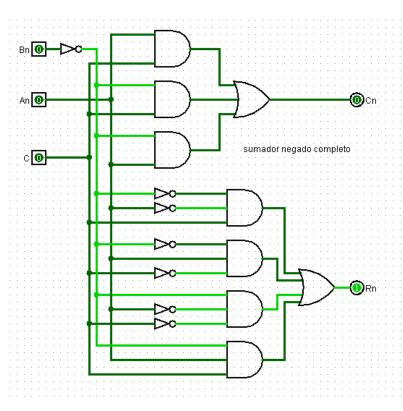
Circuito sumador de 2 números de 4 bits



or 3 bits circuito completo

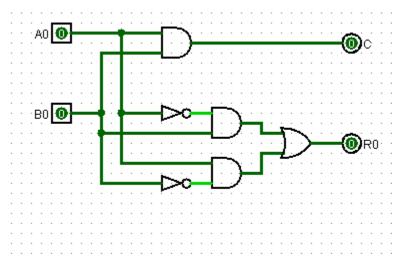
Circuito restador de dos números de 4 bits





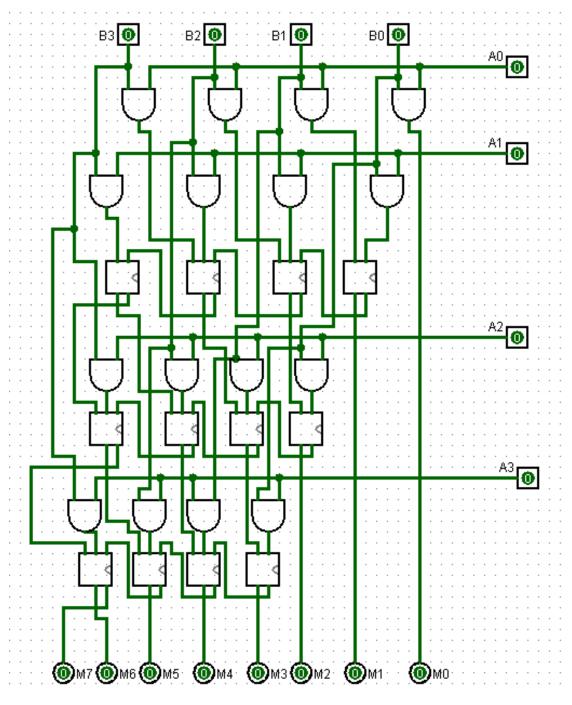
Circuito restador

Sumador negado completo

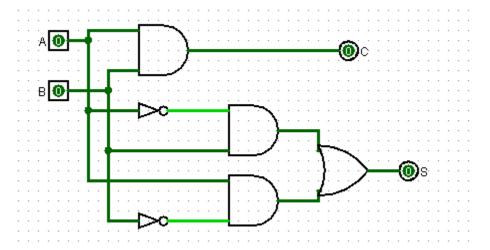


Medio sumador

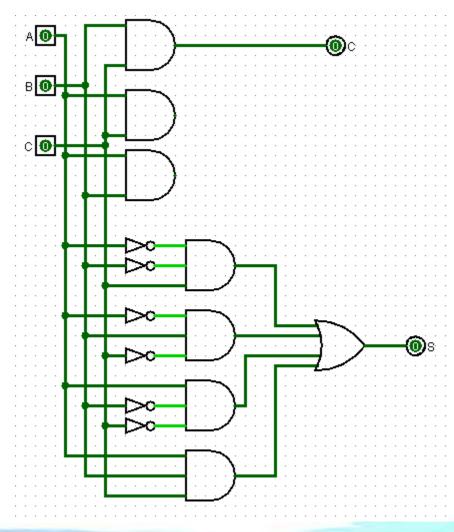
Circuito multiplicador de 4 bits



Circuito multiplicador completo



Sumador dos bits



Sumador 3 bits