

Guia 3 - Introdução ao Logism

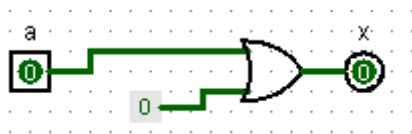
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1. Exercício 01

1.1. Circuito 1

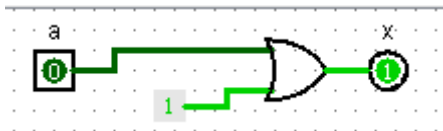
$$A + 0 = A$$



a	x
0	0
1	1

1.2. Circuito 2

$$A + 1 = 1$$



a	x
0	1
1	1

1.3. Circuito 3

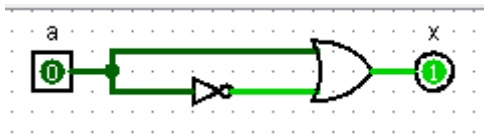
$$A + A = A$$



a	x
0	0
1	1

1.4. Circuito 4

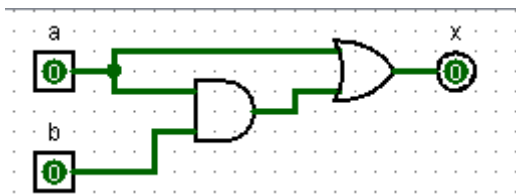
$$A + A = A$$



a	x
0	1
1	1

1.5. Circuito 5

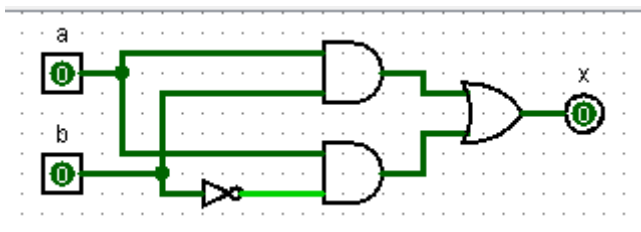
$$A + AB = A$$



a	b	x
0	0	0
0	1	0
1	0	1
1	1	1

1.6. Circuito 6

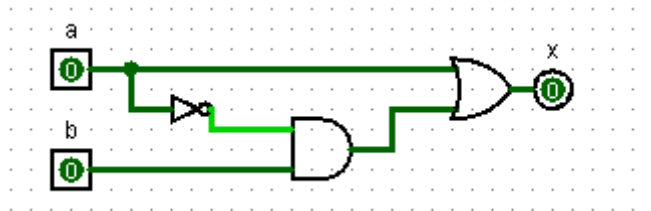
$$A B + A \bar{B} = A$$



a	b	x
0	0	0
0	1	0
1	0	1
1	1	1

1.7. Circuito 7

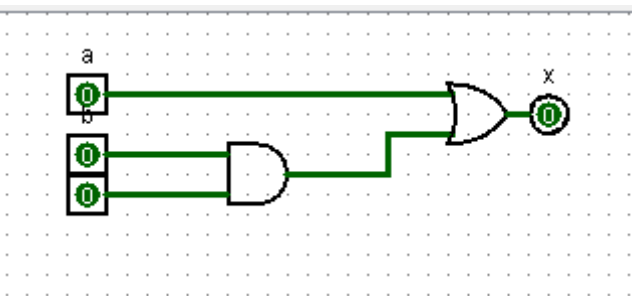
$$A + AB = A \vee B$$



a	b	x
0	0	0
0	1	1
1	0	1
1	1	1

1.8. Circuito 8

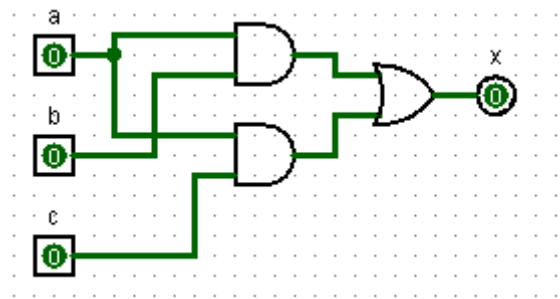
$$A + BC = (A \vee B)(A \vee C)$$



a	b	c	x
0	0	0	0
0	0	1	0
0	1	0	0
0	1	1	1
1	0	0	1
1	0	1	1
1	1	0	1
1	1	1	1

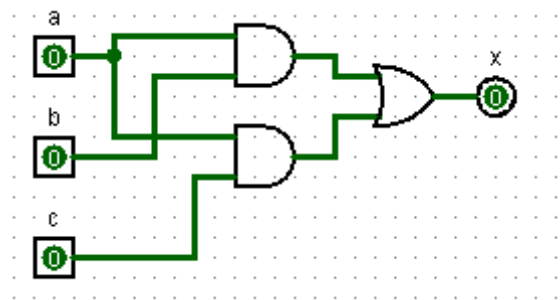
2. Exercício 02

2.1. Circuito 01



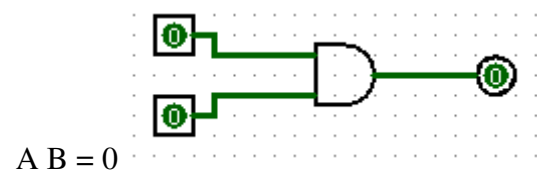
a	b	c	x
0	0	0	0
0	0	1	0
0	1	0	0
0	1	1	0
1	0	0	0
1	0	1	1
1	1	0	1
1	1	1	1

2.2. Circuito 02



a	b	c	x
0	0	0	0
0	0	1	0
0	1	0	0
0	1	1	0
1	0	0	0
1	0	1	1
1	1	0	1
1	1	1	1

3. Exercício 03



4. Exercício 04

