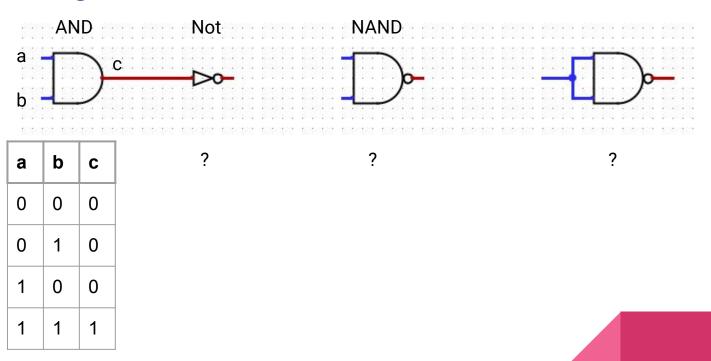
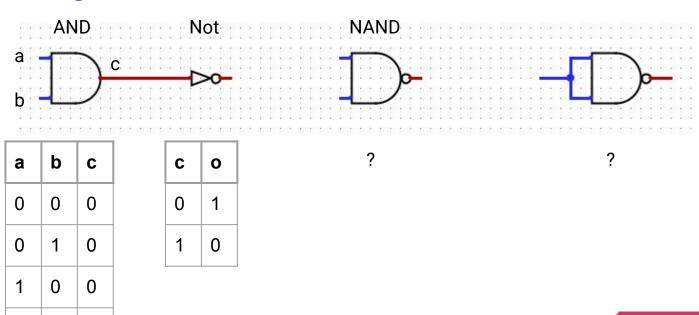
# Organização de Computadores

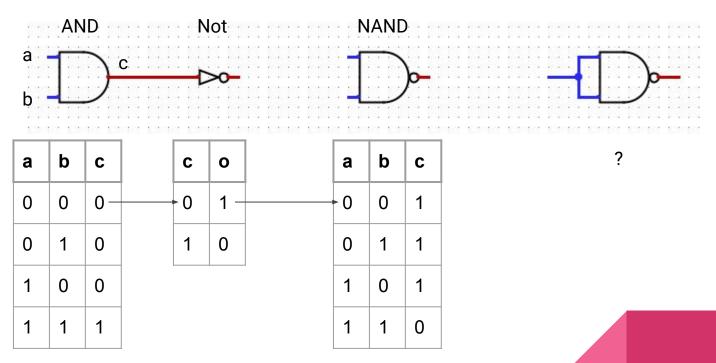
Versão Hands-on com Logisim

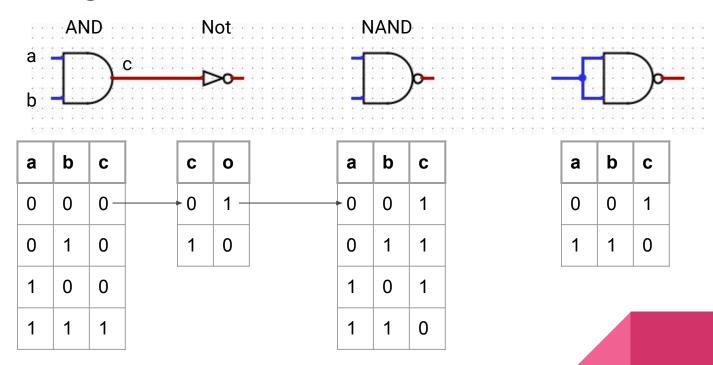
Prof. Juan G. Colonna juancolonna@icomp.ufam.edu.br Instituto de Computação (IComp) Universidade Federal do Amazonas (UFAM) Semestre 2024/01

## Revisão de conceitos





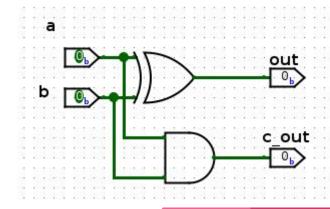








Este meio somador, funciona na conta anterior?

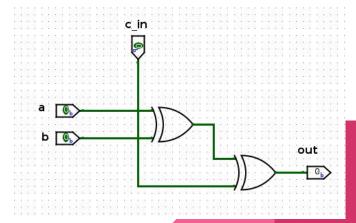


а	b	c <sub>in</sub>
0	0	0
0	0	1
0	1	0
0	1	1
1	0	0
1	0	1
1	1	0
1	1	1

out	c <sub>out</sub>
0	0
1	0
1	0
0	1
1	0
0	1
0	1
1	1

0101011 1111010 10100101

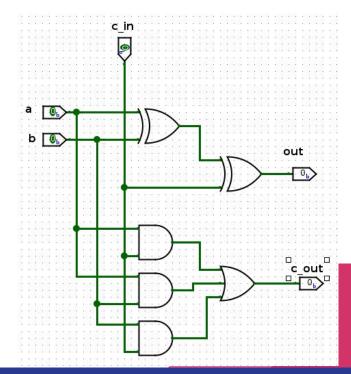
Nova proposta. Resolvemos a soma, mas não o carry out



а	b	c <sub>in</sub>
0	0	0
0	0	1
0	1	0
0	1	1
1	0	0
1	0	1
1	1	0
1	1	1

out	C <sub>out</sub>
0	0
1	0
1	0
0	1
1	0
0	1
0	1
1	1

#### Somador completo



Atividade: construir um somador completo de 8 bits

