

# Logic Design

## Lecture 2

September 17, 2019

### Logic

All switches in a logic circuit have to be closed to get an output of 1.

### Symbols

- OR- +
- AND- .
- NOT- !

### Functions

- When serializing circuits that have apparent loops (like a rectifier), OR every possible AND combination.
- To get the number of states of a circuit with  $n$  switches, get  $2^n$ .