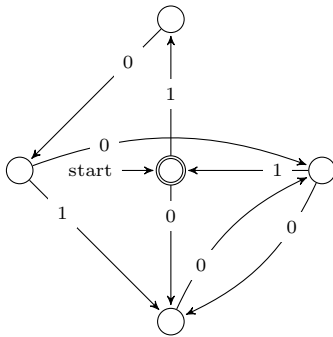
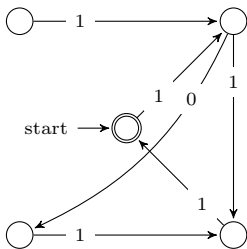


DROID MAINTENANCE

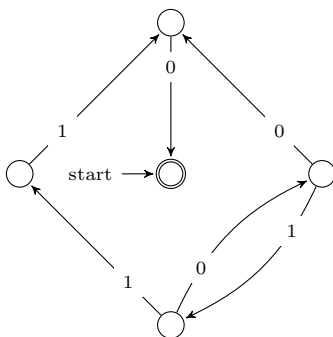
The prop droids used in the original trilogy are a little worse for wear at this point; but we need them functional for reshoots, so you have to fix their circuitry. Add wires going from one state to another so that every state has a 1 wire and a 0 wire coming out of it and going to a different state. A circuit accepts a binary string if, starting from the start arrow and following arrows by reading the string from left to right, it lands on the middle state. Each of these circuits accepts the binary strings listed with them.



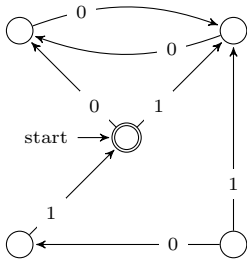
- 0101
- 011011
- 11001
- 1100111
- 1111



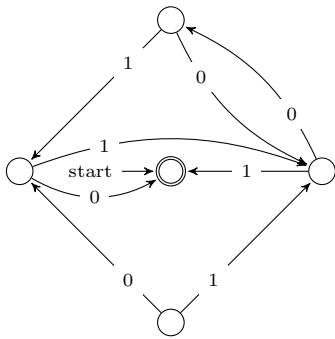
- 00000
- 0011
- 01111
- 1000
- 110011



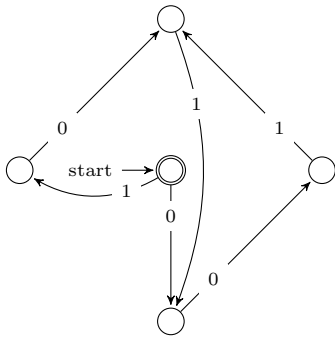
- 0000
- 0001
- 010
- 100
- 101
- 1110
- 11111



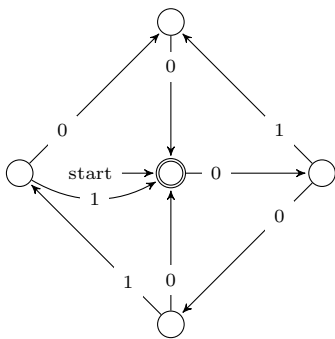
- 01001
- 011
- 1101



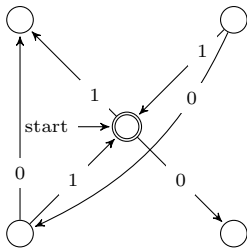
- 0111
- 1011
- 111



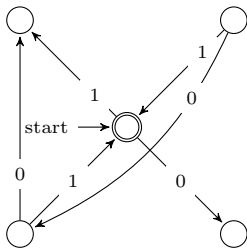
- 000000
- 0101
- 100100
- 100100100
- 111011
- 1111



- 1101



- 00001
 - 001
 - 0101
 - 011
 - 1001
 - 11001
 - 111
-



- 0000
- 0010
- 0101
- 011
- 1010
- 11011
- 111