

CS 270 Recitation 5: FSMs in Logisim

1 State/Transition Diagram

Finite State Diagram Regenerate the state diagram on paper for the machine to recognize the sequence '0011' as discussed in class.

2 Truth Table

We have already discussed the truth tables for first two functions, for O and S_0 of this FSM. Design the truth table for the third function (S_1) of the finite state diagram on paper.

3 Circuit using Logisim

Create the logical circuit diagram for the function to compute O discussed in class.