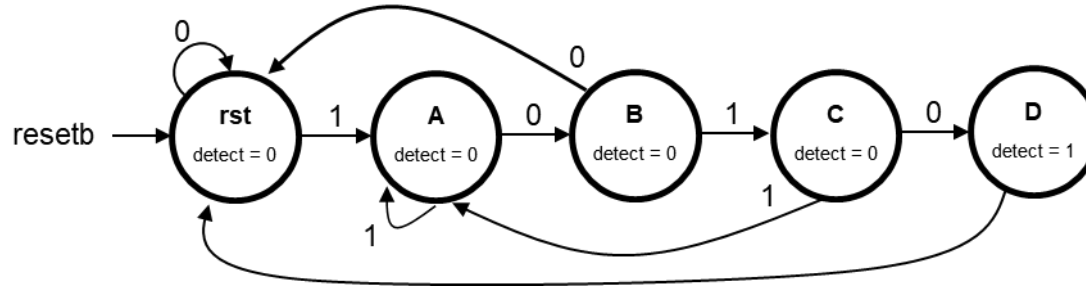


CE 1911

Homework 7

1 – Create a legible state diagram to implement a sequence detector. The sequence to be detected is 1101 where the first bit into the detector is the msb
30pts

2 – Create state transition tables for the state diagram below using a) state names, b) binary encoding, c) one hot encoding and d) Johnson encoding. 50pts



3 – Create output transition tables for the state diagram below using a) state names, b) binary encoding, c) one hot encoding and d) Johnson encoding. 20pts

