

Homework 29 - ELEC 2200 - Fall 2021

Make a one-hot finite state machine using falling edge DFFs (.5 points) to output a 1 only after receiving the sequence 00, 01, 10, 11 on inputs named x and y , respectively. Use only NOR gates. (1 point for gates, 1 point for correct equations for sequence detection/states, 2.5 points for completed circuit that works.)