

CS/EE 120A

Homework #3 Given 3/6/01. Due 3/13/01

1. Use only 4 CMOS transistors to draw the circuit for the XOR gate. (4)
2. Write the function that eliminates the static hazard(s) in the function $F = w'z + xyz' + wx'y$. Show your work. (4)
3. Given the following circuit and trace for the inputs of the circuit, draw the trace for the outputs Q and Q' . (4)

