

**DEPARTMENT OF MECHANICAL & AEROSPACE ENGINEERING
UNIVERSITY AT BUFFALO
MAE 476/576 Mechatronics
Spring 2003**

Mini Assignment 4

1. Design a Gray Code to BCD converter by the following procedures:
 - a. Write down the truth table of the converter.
 - b. Apply Karnaugh Map to look for the minimized logic expression.
 - c. Implement the logic gates by using Circuit Maker. (If possible, simulate the circuit to verify the correctness of the converter.)