**Ve270 Introduction to Logic Design Homework 2**

**Assigned: May 23, 2019**

**Due: May 30, 2019, 2:00pm.**

**The homework should be submitted in hard copies.**

1. Prove DeMorgan’s Law. (5 points)
2. Problem 2.26. (10 points)
3. Problem 2.27. (5 points)
4. Problem 2.29. (5 points)
5. Problem 2.42 (5 points)
6. Problem 2.48 (d) (5 points)
7. Problem 2.51 (5 points)
8. Problem 2.55 (10 points)
9. Problem 6.4, using both algebraic methods and K-map. (10 points)
10. Problem 6.5, using both algebraic methods and K-map. (10 points)
11. Problem 6.8. (10 points)
12. Problem 6.11 (a) (10 points)
13. Problem 6.14 (10 points)