**Ve270 Introduction to Logic Design Homework 2**

**Assigned: May 21, 2020**

**Due: May 28, 2020, 2:00pm.**

**A pop quiz will be given on the due date.**

1. Prove DeMorgan’s Law. (5 points)
2. Problem 2.28. (5 points)
3. Problem 2.30. (5 points)
4. Problem 2.37 (5 points)
5. Problem 2.38 (5 points)
6. Problem 2.48 (c) (5 points)
7. Problem 2.52 (10 points)
8. Problem 2.54 (10 points)
9. Problem 6.3. (10 points)
10. Problem 6.6, using both algebraic methods and K-map. (10 points)
11. Problem 6.8. (10 points)
12. Problem 6.10 (a) (10 points)
13. Problem 6.14 (10 points)