**UNC Charlotte, Department of Electrical and Computer Engineering**
**ECGR 4101/5101, Fall 2014, Homework #5 (20 points)**

**Assignment should be turned in as a hardcopy during class. Typing is suggested.**

1. How much time did this homework assignment take? (be honest!) (1 point)
2. Book exercise 4.4 (4 points)
3. Book exercise 4.14 (2 points)
4. Book exercise 4.18 (2 points)
5. Book exercise 5.5 (4 points)
6. Book exercise 5.7 (4 points)
7. Book exercise 6.2 (3 points). Show all of your work, starting with the formula.