

**Calculus 2502A - Advanced Calculus I**  
**Fall 2014**  
**Homework 6**

**Due date:** Wednesday October 22, in class.

**Guidelines.**

- Group work is allowed and in fact encouraged.
- However, you may **not** look at other students' solutions. You must write **your own** solutions. Strikingly similar solutions will be flagged as suspicious.
- Please write the names of people with whom you have discussed the homework. Some similarity will then be accepted.
- Please show your work. **No credit** for answers without justification.

**Problems.** All taken from the textbook.

§13.4 # 4, 16, 26, 40.