

Home Work #1
Due on April 8th, 5 p.m.

Reading assignments do not have to be turned in.

1. **Reading assignments:**

- (a) Read Chapter 1 of the text book.
- (b) Read the section on *Basic real analysis* of the class notes posted on the class web-site.
- (c) Read Section 1 of the appendix of the text book.

2. Do Problem 1 in Chapter 1 of the text book.

3. Do Exercises 1.19, 1.33, 1.35, 1.36 from the lecture notes on the class web-site.