Homework for Math 3220 §2, Spring 2018

A. Treibergs, Instructor

January 17, 2018

Our text is by Joseph L. Taylor, *Foundations of Analysis*, American Mathematical Society, Providence (2012). Please read the relevant sections in the text as well as any cited reference. Assignments are due the following Friday, or on April 24, whichever comes first.

Your written work reflects your professionalism. Make answers complete, self contained and written in good English. This means that you should copy or paraphrase each question, provide adequate explanation to help the reader understand the structure of your argument, be thorough in the details, state any theorem that you use and proofread your answer.

Homework from Wednesday to Tuesday will be due Friday. Late homework that is up to one week late will receive half credit. Homework that is more than one week late will receive no credit at all. The homework reader is Brendan Black. Homework that is placed in his mailbox in JWB 228 before he picks it up not later than 3:00 pm Friday afternoon will be considered to be on time.

Please hand in problems A1 on Friday, January 12.

A1. Please hand in the following exercises from Taylor’s *Foundations of Analysis*

- 152[6, 7, 8, 12]
- 158[3, 7, 11]

Please hand in problems B1 on Friday, January 19.

B1. Please hand in the following exercises from Taylor’s *Foundations of Analysis*

- 167[4, 5, 6, 12]
- 173[1, 8, 11]