

Math 330 Section 7 - Spring 2019 - Homework 11

Published: Thursday, March 14, 2019
Last submission: N/A (No written assignments)

Running total: 38 points

Status - Reading Assignments:

Here is the status of the reading assignments you were asked to complete so far:

B/G (Beck/Geoghegan) Textbook:
Preface and ch.1 – ch.6, ch.7.1

MF lecture notes:
ch.1 – ch.3; ch.5 – ch.7 (skim ch.6.3); ch.8.1 – 8.2; ch.9.1 through prop.9.7; ch.9.2;
ch.10 until the beginning of ch.10.3.1.; ch.19.7(!)

B/K lecture notes:
ch.1.1 (Introduction to sets)
ch.1.2 (Introduction to Functions) but skip ch.1.2.4: Floor and Ceiling Functions

New reading assignments:

You have encountered almost all of the material of Monday's and Wednesday's assignments in last week's reading assignments (MF ch.10.1 – 10.3 until before ch.10.3.1).

Reading assignment 1 - due Monday, March 11:

- a. Review Stewart Calculus 7ed - ch.1.7: "The Precise Definition of a Limit". If you have a newer or older edition then you may have to search through the table of contents and/or consult the index.
- b. Review B/G ch.8.
- c. Review B/G ch.9; Relate MF thm.10.1 and the subsequent remarks to the content of B/G ch.9.2.

Reading assignment 2 - due: Wednesday, March 6:

- Review B/G ch.10.1 – 10.4 and read carefully B/G ch.10.5, but skip the proof of thm.10.25 which mostly shows that $(\sqrt{2})^2 = 2$.

Reading assignment 3 - due Friday, March 8:

- Read carefully B/G ch.11 and MF ch.10.3.1 The content is to a large extent the same.

Written assignments: None.