Assignment #6

Reading:

Munkres, §§26, 27.

Weekly Report:

Due Tuesay, July 31.

Written Problems:

Due Wednesday, August 1.

- Munkres, §26, #2, 3, 5.

Second Portfolio Assignment:

Due Friday, August 3.

Write up careful and complete solutions to the following problems, with due attention to the conventions of mathematical proof-writing described in Handout #5:

- Munkres, §23, #10.

- Problem 5 on the midterm exam.

For this assignment, pretend that Munkres has decided that these problems belong in the textbook, instead of being left as problems, and has asked you to write the relevant section(s). Include a section title, some introductory explanation and motivation, any definitions that the reader will need, a precise theorem statement, and a clear proof. On Friday, August 3, bring two copies to class for peer review.