

MAT4300-Fall '08-Exercises

Week 47 - November 18-19

Chapter 9, Problems B, E, F, G, H, I, J, K and L.

Chapter 10, Problems G, H, J, K and L.

03.12.2004 Problem 4

01.12.2005 Problem 2

The problems from Chapter 9 requires knowledge of basic topology over the reals. An open set will just be a countable union of open intervals, and a compact set is just a closed, bounded set, i.e. a bounded set whose complement is open.

These exercises contain extra information about the Lebesgue measure that any student of measure theory should master.