Real Analysis - HW 4

October 12, 2015

This fourth homework for real analysis is due this coming Friday, October 18 by 3:00 PM. It's essentially Exercise 3.2.13 in the text You should type it with LaTeX and turn in your printed PDF.

1. Prove that the only subsets of $\mathbb{R}$ that are both open and closed are the whole set $\mathbb{R}$ itself and the empty set $\emptyset$.