

Math 525

Homework due 02/25/2015

Reading from Folland, 2nd edition: Chapter 5: section 5.

Problems from Folland: Chapter 5: problems 35, 36, 38, 42.

Problem 1 (Reals 2006): State the Open Mapping Theorem and the Closed Graph Theorem for Banach spaces. Derive the Open Mapping Theorem from the Closed Graph Theorem.