

MATH 104-02: Introduction to Analysis

Homework #13

Due December 11, 2013

All exercises on this assignment are from Lebl. Please turn in the starred problems only.

1. Exercise 7.3.1
2. Exercise 7.3.3
3. Exercise 7.3.9*
4. Exercise 7.4.2
5. Exercise 7.4.4
6. Exercise 7.4.6*
7. Exercise 7.4.10
8. Exercise 7.5.1
9. Exercise 7.5.5
10. **Extra Credit:** Exercise 7.1.8: For part a) instead of non-empty bounded, let Y be the set of nonempty compact sets.