

MATH 104-1: Introduction to Analysis

Homework #10

Due November 18, 2015

All problems are from Ross, *Elementary Analysis*, unless stated otherwise. If you use an exercise that has not been shown on a previous assignment or in class, prove it first before applying it.

1. Exercise 26.4 (You may assume the power series form for e^x that is given in the statement of the exercise)
2. Exercise 26.5
3. Exercise 26.7
4. Exercise 26.8
5. Exercise 31.2
6. Exercise 31.4
7. Exercise 31.5
8. Exercise 31.6