

MATH 185-1: Complex Analysis

Homework #4

Due February 25, 2016

All problems are from Gamelin, *Complex 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 II.7.3
2. Exercise II.7.6
3. Exercise II.7.9
4. Exercise II.7.11
5. Exercise II.7.12
6. Exercise III.1.4
7. Exercise III.1.6
8. Exercise III.2.2