

**MATH 185-04: Complex Analysis**

Homework #3

*Due January 31, 2014*

1. Gamelin Exercise I.1.3 (Chapter I, Section 1, Exercise 3)
2. Gamelin Exercise I.1.5
3. Gamelin Exercise I.1.7
4. Gamelin Exercise I.2.5
5. Gamelin Exercise I.2.6
6. Gamelin Exercise I.3.2
7. Gamelin Exercise I.3.4
8. Gamelin Exercise I.4.1 and Exercise 1.4.2 for the curves in I.4.1(a)(c)(e)