

MATH 185-03: Complex Analysis

Homework #7

Due November 14, 2014 at the beginning of class

1. Exercise VI.1.1
2. Exercise VI.1.4 (Recall that a function is even if $f(z) = f(-z)$ and odd if $f(-z) = -f(z)$.)
3. Exercise VI.1.5
4. Exercise VI.2.1(e)(f)(h)
5. Exercise VI.2.5 – Skip the part about giving a second proof using Morera's theorem
6. Exercise VI.2.8
7. Exercise VI.2.12