

MATH 185-04: Complex Analysis

Homework #7

Due March 21, 2014

1. Exercise IV.5.1
2. Exercise IV.5.2 (Note that this exercise can be restated as the the following fact: Let f be an entire function. Then either the closure of the image of f is \mathbb{C} , or f is constant.)
3. Exercise V.2.12
4. Exercise V.4.3
5. Exercise V.4.7
6. Exercise V.4.8
7. Exercise V.6.3

This homework is due in class on March 21, or by 2pm in **Rumen Zarev's office in 796 Evans Hall**.