

MATH 4150/6150 Homework Assignments

Instructor: Dr. Shuzhou Wang

Late homework will not be accepted

Textbook: *Complex Variables*, Introduction and Applications, 2nd Ed., by M. J. Ablowitz & A. S. Fokas

HW #1, Due Date: 1/17/07

1.1: 1.(b), (c), (d), 2.(a)-(e), 3.(b), (d), 4.(b), (d), (e)

1.2: 1.(b), (c), (d), 2.(a)-(e), 3, 6, 8, 9

HW #2, Due Date: 1/26/07

1.3: 1.(c), (d), (f), 3, 5, 6, 8, plus the additional problems in the handout

HW #3, Due Date: 1/31/07

2.1: 1, 2, 3, 5

HW #4, Due Date: 2/5/07

2.2: 2.(a)-(e), 3.(a), (b),

HW #5, Due Date: 2/16/07

2.4: 1, 2, 3, 7, 8

HW #6, Due Date: 2/21/07

2.5: 1.(a)-(e), 2, 3

HW #7, Due Date: 2/28/07

2.6: 1, 2, 4, 5, plus 2.5.3 (using two methods: method in 2.5 and method in 2.6)

HW #8, Due Date: 3/7/07

2.4-2.6: 2.4.10, 2.5.6, 2.6.3

HW #9, Due Date: 3/28/07

3.1: 1.(a), 2.(b), 5.(a), (b)

3.2: 1.(a)-(c), 2, 5

HW #10, Due Date: 4/4/07

3.3: 1, 2, 3, 4.(a), (b), (e)

HW #11, Due Date: 4/11/07

3.5: 1. (a)-(d), 2.(a)-(c), 3.(a)-(d)

4.1: 1.(a)-(c), (e), 2, 3.(a), (f)-(h)

HW #12, Due Date: 4/18/07

4.1: 8

4.2: 1, 2, 6, 7

HW #13, Due Date: 4/25/07

4.4: 2-5

Note: There will be a comprehensive review for the final on 4/30.