

Math 503

Problem Set 4

10/12/2007

**Solutions are due at the beginning of class on Tuesday, October 23, 2007.**

Please finish reading chapter 3 of the text.

When writing solutions to the questions, please try **not** to use results such as the Lebesgue Dominated Convergence Theorem, etc., and please try to only use results we have discussed in class or which have been covered in the suggested textbook reading.

Otherwise, many problems are “solved” by writing, “That’s clear. It is a *well-known* problem in complex variables.”

Chapter 3, problems 5c, 10, 21, 30, 33, 39, 41.

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