December 10, 2015

MATH 246B - Winter 2016- Complex Analysis

Time and Place: MS 6627, MWF 10:00.

Office hours: John Garnett MW 2:00 and by appointment, in MS 7941.

Texts:
1) D. E. Marshall, Complex Analysis, notes from me via email.
4) W. Rudin, Real and Complex Analysis, Third Edition, (0070542341) (recommended)

Grades: Homework 50%, final 50%.

Prerequisites: 246A or instructor’s permission.

Material: Pages 154 - 258 of Marshall’s notes, plus other topics, including univalent functions, Koebe’s distortion theorem, Poisson-Jensen formula and Mergelyan’s theorem.

Work: There will be 6 - 8 homework assignments of about 10 problems. You are encouraged to work together on the homework problems, but you must write up your solutions separately.

Final Exam: March 18, 3:00 - 6:00.

J. Garnett