### Paul Robinson



# MAA 5229/4227 (Sections 3014/01CH)

## Modern Analysis 2

Time and Location MWF Period 4 (10:40-11:30) LIT 217

#### Office hours

W 5 7 8 (or by appointment)

#### Text

Walter Rudin, Principles of Mathematical Analysis, Third Edition

#### Topics

We shall cover topics from Chapters 6, 7, 8, 11 of Rudin; see syllabus for further details. As well as covering the indicated topics, the course is intended to sharpen critical reading and writing skills in preparation for the further pursuit of mathematics.

#### **Policies**

Homework problems will be assigned and discussed in class; some of these problems will be collected and graded. In addition, there will be a midterm and a final; these will provide practice for the Analysis first-year examination. Assignment of grades will be determined by performance in three units: the graded homework assignments, the midterm and the final. For other matters of policy, please consult 'Policies plus' at the Files page.

#### Tests

Midterm: Final:

Homework HW01



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