

INTRODUCTION

"Light coverage"

At the beginning of the course, there are many concepts and results which are direct analogs of items in an undergraduate real variables course. In such cases, the proofs — and sometimes precise statements of results — will not be covered explicitly in the lectures, but they generally will appear in the written material for the course AND the assigned exercises.

The standard background reference for undergraduate real variables is Rudin, Principles of Mathematical Analysis, 3rd Ed.