

Baby Rudin

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## Chapter 1

# The Real and Complex Number Systems

### 1.1 Introduction

### 1.2 Ordered Sets

### 1.3 Fields

### 1.4 The Real Field

### 1.5 The Extended Real Number System

### 1.6 The Complex Field

### 1.7 Euclidean Spaces



## Chapter 2

# Basic Topology





## Chapter 3

# Numerical Sequences and Series



## Chapter 4

# Continuity