

II

PART

Limits

Chapter 3 contains an introduction to limits through one single definition and many illustrative examples. These examples include sequences, series, continuous functions, derivatives and integrals. Chapter 4 contains some elementary basic theorems about limits that are used in Chapter 5 to study infinite series. In Chapter 6 we place the theory of the exponential and trigonometric functions on a firm analytic foundation and then use this to develop the argument of a complex number.