

JOHN B. READE

**An
Introduction to
Mathematical
Analysis**

OXFORD SCIENCE PUBLICATIONS

This book is a short readable introduction to the basic ideas of mathematical analysis. Each topic is presented clearly and simply with emphasis on getting to the essentials as quickly as possible and with the minimum of digression. The student's understanding is confirmed by exercises set at regular intervals throughout the text.

The subject material is functions of a single real variable. The concept of convergence is first discussed in the context of sequences and series, and later extended to functions of a continuous variable, where it is used to give precise descriptions of continuity, differentiation, and integration.

The book is suitable as a course text for first year mathematics students at universities. It is based on lectures given by the author at Manchester University.

Reade's book is very readable, his relaxed style creating the impression that analysis is relatively easy.

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