



Limits: A New Approach to Real Analysis (Hardback)

By A.F. Beardon

Springer-Verlag New York Inc., United States, 1997. Hardback. Book Condition: New. 1997 ed.. 243 x 161 mm. Language: English . Brand New Book. This book is intended as an undergraduate text on real analysis and includes all the standard material such as sequences, infinite series, continuity, differentiation, and integration, together with worked examples and exercises. Despite the fact that there are hundreds of books on analysis on the market, by unifying and simplifying all the various notions of limit, the author has successfully presented a unique and novel approach to the subject matter, which has not previously appeared in book form. The author defines what is meant by a limit just once, and all of the subsequent limiting processes will be seen as special cases of this one definition. Accordingly, the subject matter attains a unity and coherence that is missing in the traditional approach. Students will be able to fully appreciate and understand the common source of the topics they are studying while also realizing that they are variations on a theme rather than essentially different topics, and therefore, will gain a better understanding of the subject. The book is divided into three sections. Part I contains preliminary material on...



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