



A First Course in Real Analysis

By Sterling K. Berberian

Springer. Paperback. Book Condition: New. Paperback. 240 pages. Dimensions: 9.2in. x 6.1in. x 0.6in. Mathematics is the music of science, and real analysis is the Bach of mathematics. There are many other foolish things I could say about the subject of this book, but the foregoing will give the reader an idea of where my heart lies. The present book was written to support a first course in real analysis, normally taken after a year of elementary calculus. Real analysis is, roughly speaking, the modern setting for Calculus, real alluding to the field of real numbers that underlies it all. At center stage are functions, defined and taking values in sets of real numbers or in sets (the plane, 3-space, etc.) readily derived from the real numbers; a first course in real analysis traditionally places the emphasis on real-valued functions defined on sets of real numbers. The agenda for the course: (1) start with the axioms for the field of real numbers, (2) build, in one semester and with appropriate rigor, the foundations of calculus (including the Fundamental Theorem), and, along the way, (3) develop those skills and attitudes that enable us to continue learning mathematics on our own. Three...



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This sort of book is almost everything and helped me looking in advance and much more. Yes, it can be enjoyed, nevertheless an amazing and interesting literature. It has been written in an extremely simple way which is simply right after I finished reading this publication through which in fact altered me, alter the way I really believe.

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