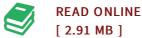




Mathematics for the Nonmathematician Dover Books on Mathematics

By Morris Kline

Dover Publications. Paperback. Book Condition: New. Paperback. 672 pages. Dimensions: 8.6in. x 5.5in. x 1.3in.Practical, scientific, philosophical, and artistic problems have caused men to investigate mathematics. But there is one other motive which is as strong as any of these the search for beauty. Mathematics is an art, and as such affords the pleasures which all the arts afford. In this erudite, entertaining college-level text, Morris Kline, Professor Emeritus of Mathematics at New York University, provides the liberal arts student with a detailed treatment of mathematics in a cultural and historical context. The book can also act as a self-study vehicle for advanced high school students and laymen. Professor Kline begins with an overview, tracing the development of mathematics to the ancient Greeks, and following its evolution through the Middle Ages and the Renaissance to the present day. Subsequent chapters focus on specific subject areas, such as Logic and Mathematics, Number: The Fundamental Concept, Parametric Equations and Curvilinear Motion, The Differential Calculus, and The Theory of Probability. Each of these sections offers a step-by-step explanation of concepts and then tests the students understanding with exercises and problems. At the same time, these concepts are linked to pure and applied science,...



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