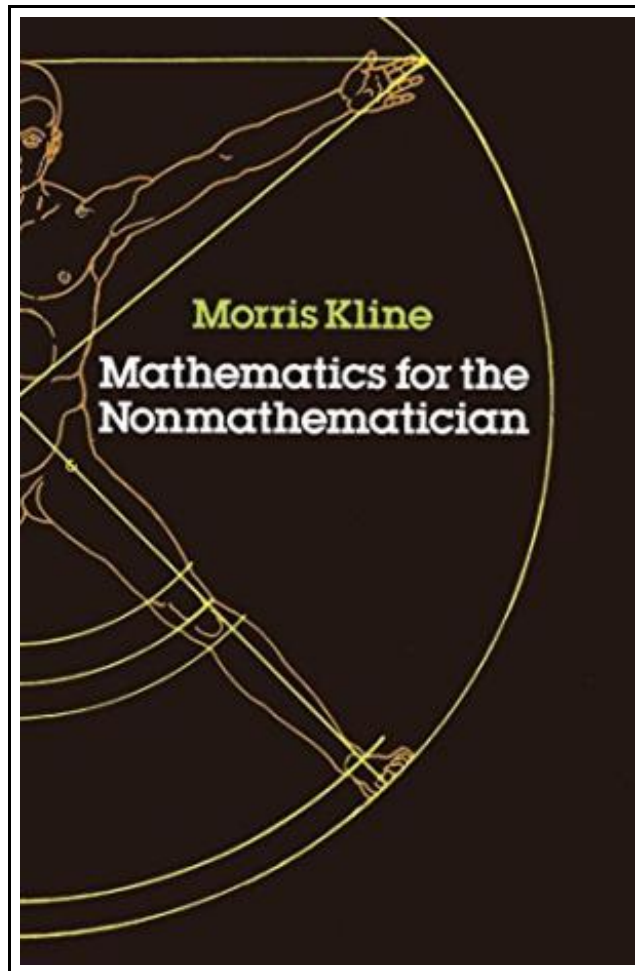# Mathematics for the Nonmathematician Dover Books on Mathematics

Filesize: 2.93 MB

Reviews

A really awesome book with lucid and perfect information. Of course, it is actually play, nonetheless an amazing and interesting literature. You are going to like just how the article writer create this ebook.

(Nakia Toy Jr.)

MATHEMATICS FOR THE NONMATHEMATICIAN DOVER BOOKS ON MATHEMATICS

To read **Mathematics for the Nonmathematician Dover Books on Mathematics** eBook, remember to refer to the link under and download the document or get access to additional information that are in conjuction with MATHEMATICS FOR THE NONMATHEMATICIAN DOVER BOOKS ON MATHEMATICS ebook.

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, engineering, philosophy, the social sciences or even the arts. In one section, Professor Kline discusses non-Euclidean geometry, ranking it with evolution as one of the two concepts which have most profoundly revolutionized our intellectual development since the nineteenth century. His lucid treatment of this difficult subject starts in the 1800s with the pioneering work of Gauss, Lobachevsky, Bolyai and Riemann, and moves forward to the theory of relativity, explaining the mathematical, scientific and philosophical aspects of this pivotal breakthrough. Mathematics for the Nonmathematician exemplifies Morris Klines rare ability to simplify complex subjects for the nonspecialist. This item ships from multiple...

⤷ Read Mathematics for the Nonmathematician Dover Books on Mathematics Online

⊟ Download PDF Mathematics for the Nonmathematician Dover Books on Mathematics

Relevant eBooks

[PDF] DK Readers Disasters at Sea Level 3 Reading Alone

Click the web link below to download and read "DK Readers Disasters at Sea Level 3 Reading Alone" file.

Download PDF »

[PDF] Lans Plant Readers Clubhouse Level 1

Click the web link below to download and read "Lans Plant Readers Clubhouse Level 1" file.

Download PDF »

[PDF] DK Readers Invaders From Outer Space Level 3 Reading Alone

Click the web link below to download and read "DK Readers Invaders From Outer Space Level 3 Reading Alone" file.

Download PDF »

[PDF] Tiger Tales DK Readers, Level 3 Reading Alone

Click the web link below to download and read "Tiger Tales DK Readers, Level 3 Reading Alone" file.

Download PDF »

[PDF] DK Readers Plants Bite Back Level 3 Reading Alone

Click the web link below to download and read "DK Readers Plants Bite Back Level 3 Reading Alone" file.

Download PDF »

[PDF] Patterns and Sequence Stick Kids Workbook, Grade K Stick Kids Workbooks

Click the web link below to download and read "Patterns and Sequence Stick Kids Workbook, Grade K Stick Kids Workbooks" file.

Download PDF »