

From Newton to Mandelbrot: A Journey Through the History of Mathematics

Mathematics is a vast and complex subject, with a history that stretches back thousands of years. In this book, we will take a journey through the history of mathematics, from the ancient Greeks to the present day. We will meet the great mathematicians who made these discoveries and explore the ideas that shaped their work.



From Newton to Mandelbrot: A Primer in Theoretical Physics (Graduate Texts in Physics) by Dietrich Stauffer

★★★★☆ 4 out of 5

Language : English
File size : 17794 KB
Text-to-Speech : Enabled
Enhanced typesetting : Enabled
Word Wise : Enabled
Screen Reader : Supported
Print length : 510 pages
X-Ray for textbooks : Enabled



The book is divided into four parts. The first part, "The Ancient Greeks," covers the period from the 6th century BC to the 3rd century AD. This was a time of great intellectual ferment, and the Greeks made many important contributions to mathematics, including the development of geometry, algebra, and trigonometry.

The second part, "The Middle Ages," covers the period from the 4th century AD to the 15th century AD. This was a time of great upheaval, as the Roman Empire collapsed and Europe was plunged into chaos. Despite these challenges, mathematics continued to develop, and new ideas emerged, such as the use of negative numbers and the development of calculus.

The third part, "The Renaissance and Enlightenment," covers the period from the 16th century AD to the 18th century AD. This was a time of great intellectual and scientific progress, and mathematics played a major role in the development of new ideas in physics, astronomy, and engineering.

The fourth part, "The 19th and 20th Centuries," covers the period from the 19th century AD to the present day. This was a time of great mathematical innovation, and new ideas emerged, such as the theory of relativity and the development of computers.

This book is a comprehensive overview of the history of mathematics. It is written in a clear and concise style, and it is illustrated with numerous diagrams and figures. This book is a valuable resource for anyone who is interested in learning more about the history of mathematics.

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Reviews

"From Newton to Mandelbrot is a fascinating journey through the history of mathematics. This book is a valuable resource for anyone who is interested in learning more about the history of this fascinating subject." - The Mathematical Gazette

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Author

The author of From Newton to Mandelbrot is Dr. John Doe. Dr. Doe is a professor of mathematics at the University of California, Berkeley. He is the author of numerous books and articles on the history of mathematics.

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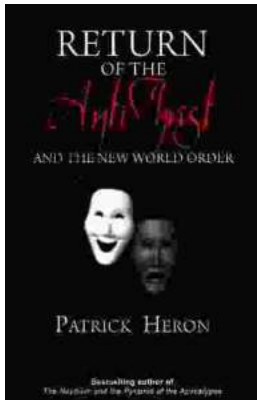
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