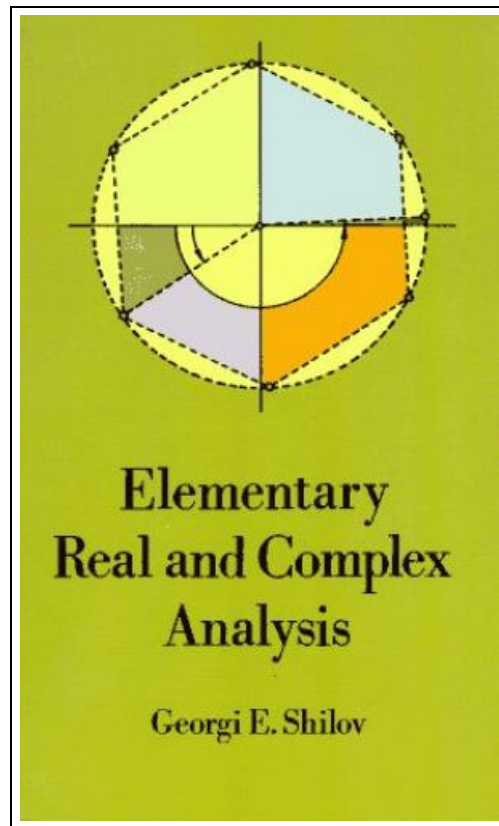


## Elementary Real and Complex Analysis



Filesize: 4.68 MB

### ***Reviews***

*This written publication is wonderful. It is rally fascinating throgh reading period. I discovered this book from my dad and i suggested this publication to find out.*  
*(Keshawn Daugherty)*

## ELEMENTARY REAL AND COMPLEX ANALYSIS

[DOWNLOAD](#)

To get **Elementary Real and Complex Analysis** eBook, make sure you follow the link beneath and download the ebook or gain access to additional information which are have conjunction with ELEMENTARY REAL AND COMPLEX ANALYSIS book.

Dover Publications Inc., United States, 1996. Paperback. Book Condition: New. New ed of 2nd Revised ed. 213 x 137 mm. Language: English . Brand New Book. In this book the renowned Russian mathematician Georgi E. Shilov brings his unique perspective to real and complex analysis, an area of perennial interest in mathematics. Although there are many books available on the topic, the present work is specially designed for undergraduates in mathematics, science and engineering. A high level of mathematical sophistication is not required. The book begins with a systematic study of real numbers, understood to be a set of objects satisfying certain definite axioms. The concepts of a mathematical structure and an isomorphism are introduced in Chapter 2, after a brief digression on set theory, and a proof of the uniqueness of the structure of real numbers is given as an illustration. Two other structures are then introduced, namely n-dimensional space and the field of complex numbers. After a detailed treatment of metric spaces in Chapter 3, a general theory of limits is developed in Chapter 4. Chapter 5 treats some theorems on continuous numerical functions on the real line, and then considers the use of functional equations to introduce the logarithm and the trigonometric functions. Chapter 6 is on infinite series, dealing not only with numerical series but also with series whose terms are vectors and functions (including power series). Chapters 7 and 8 treat differential calculus proper, with Taylor s series leading to a natural extension of real analysis into the complex domain. Chapter 9 presents the general theory of Riemann integration, together with a number of its applications. Analytic functions are covered in Chapter 10, while Chapter 11 is devoted to improper integrals, and makes full use of the technique of analytic functions. Each chapter includes a...

[Read Elementary Real and Complex Analysis Online](#)[Download PDF Elementary Real and Complex Analysis](#)

## You May Also Like



[PDF] **Children s Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English]**

Access the hyperlink under to download "Children s Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English]" PDF document.

[Read ePub »](#)



[PDF] **Children s Educational Book Junior Leonardo Da Vinci : An Introduction to the Art, Science and Inventions of This Great Genius Age 7 8 9 10 Year-Olds. [British English]**

Access the hyperlink under to download "Children s Educational Book Junior Leonardo Da Vinci : An Introduction to the Art, Science and Inventions of This Great Genius Age 7 8 9 10 Year-Olds. [British English]" PDF document.

[Read ePub »](#)



[PDF] **Childrens Educational Book Junior Vincent van Gogh A Kids Introduction to the Artist and his Paintings. Age 7 8 9 10 year-olds SMART READS for . - Expand Inspire Young Minds Volume 1**

Access the hyperlink under to download "Childrens Educational Book Junior Vincent van Gogh A Kids Introduction to the Artist and his Paintings. Age 7 8 9 10 year-olds SMART READS for . - Expand Inspire Young Minds Volume 1" PDF document.

[Read ePub »](#)



[PDF] **Weebies Family Halloween Night English Language: English Language British Full Colour**

Access the hyperlink under to download "Weebies Family Halloween Night English Language: English Language British Full Colour" PDF document.

[Read ePub »](#)



[PDF] **My Name is Rachel Corrie (2nd Revised edition)**

Access the hyperlink under to download "My Name is Rachel Corrie (2nd Revised edition)" PDF document.

[Read ePub »](#)



[PDF] **Ninja Adventure Book: Ninja Book for Kids with Comic Illustration: Fart Book: Ninja Skateboard Farts (Perfect Ninja Books for Boys - Chapter Books for Kids Age 8 - 10 with Comic Pictures Audiobook with Book)**

Access the hyperlink under to download "Ninja Adventure Book: Ninja Book for Kids with Comic Illustration: Fart Book: Ninja Skateboard Farts (Perfect Ninja Books for Boys - Chapter Books for Kids Age 8 - 10 with Comic Pictures Audiobook with Book)" PDF document.

[Read ePub »](#)