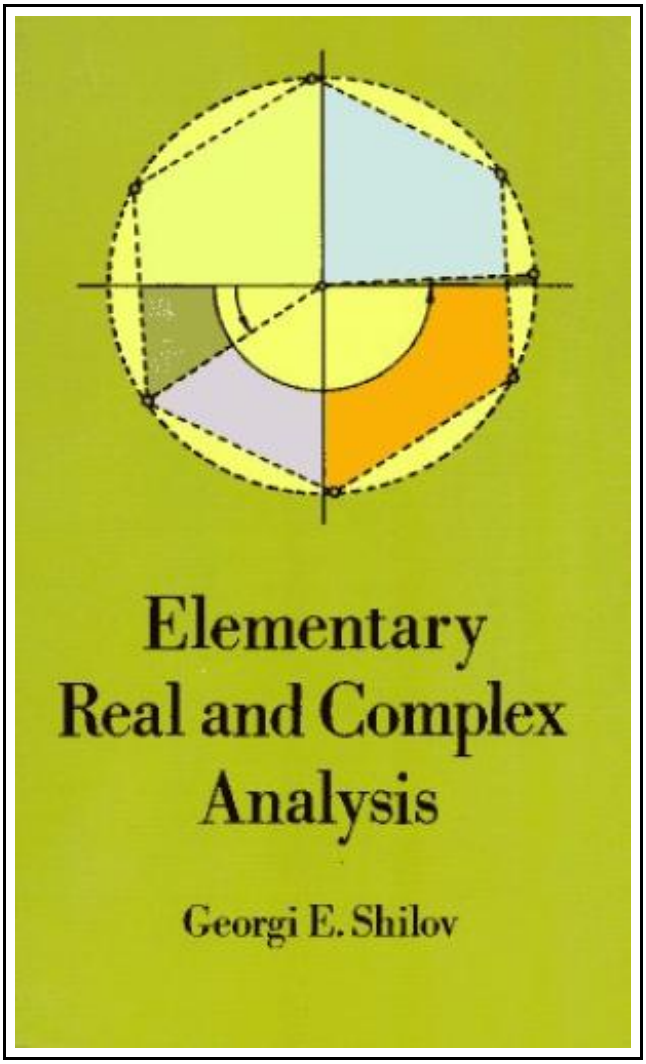
# Elementary Real and Complex Analysis (Paperback)




Filesize: 1.64 MB

### *Reviews*

*Completely essential read through publication. It normally does not expense excessive. It is extremely difficult to leave it before concluding, once you begin to read the book.*
***(Morris Cruickshank)***

# ELEMENTARY REAL AND COMPLEX ANALYSIS (PAPERBACK)

DOWNLOAD

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 (Paperback) Online
Download PDF Elementary Real and Complex Analysis (Paperback)

## See Also



**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] (Paperback)**

Createspace, United States, 2013. Paperback. Book Condition: New. 254 x 178 mm. Language: English . Brand New Book ***** Print on Demand *****.ABOUT SMART READS for Kids . Love Art, Love Learning Welcome. Designed to...

Save Document »



**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] (Paperback)**

Createspace, United States, 2013. Paperback. Book Condition: New. 248 x 170 mm. Language: English . Brand New Book ***** Print on Demand *****.ABOUT SMART READS for Kids . Love Art, Love Learning Welcome. Designed to...

Save Document »



**Public Opinion + Conducting Empirical Analysis**

SAGE Publications Inc, United States, 2011. Kit. Book Condition: New. Revised ed.. 279 x 217 mm. Language: English . Brand New Book. Public Opinion : One of the central tenets of a democracy is that...

Save Document »



**EU Law Directions (Paperback)**

Oxford University Press, United Kingdom, 2014. Paperback. Book Condition: New. 4th ed.. 242 x 188 mm. Language: English . Brand New Book. With a readable and modern writing style, EU Law Directions clearly explains the...

Save Document »



**Who am I in the Lives of Children? An Introduction to Early Childhood Education (Paperback)**

Pearson Education (US), United States, 2015. Paperback. Book Condition: New. 10th Revised edition. 254 x 201 mm. Language: English . Brand New Book. Note: This is the bound book only and does not include access...

Save Document »

### Rumpy Dumb Bunny: An Early Reader Children s Book (Paperback)

Createspace, United States, 2014. Paperback. Book Condition: New. 203 x 133 mm. Language: English . Brand New Book ***** Print on Demand *****.Rumpy is a dumb bunny. He eats poison ivy for breakfast and annoys

Read Document »

### Adult Coloring Books Reptiles: A Realistic Adult Coloring Book of Lizards, Snakes and Other Reptiles (Paperback)

Createspace Independent Publishing Platform, United States, 2015. Paperback. Book Condition: New. 254 x 203 mm. Language: English . Brand New Book ***** Print on Demand *****.Take your coloring to the next level with this Advanced

Read Document »

### I Am Reading: Nurturing Young Children s Meaning Making and Joyful Engagement with Any Book (Paperback)

Heinemann Educational Books, United States, 2015. Paperback. Book Condition: New. 234 x 185 mm. Language: English . Brand New Book. It s vital that we support young children s reading in ways that nurture healthy

Read Document »

### I Learn, I Speak: Basic Skills for Preschool Learners of English and Chinese (Paperback)

Paraxus International, Inc., United States, 2012. Paperback. Book Condition: New. 279 x 216 mm. Language: English . Brand New Book ***** Print on Demand *****.Please go to // and shapes for some high resolution sample

Read Document »

### Readers Clubhouse Set a Too Too Hot (Paperback)

Barron s Educational Series, United States, 2006. Paperback. Book Condition: New. Karol Kaminski (illustrator). 220 x 148 mm. Language: English . Brand New Book. This is volume four, Reading Level 1, in a comprehensive program

Read Document »