



Complex Variables (Dover Books on Mathematics)

By Francis J. Flanigan

Download now

Read Online 

Complex Variables (Dover Books on Mathematics) By Francis J. Flanigan

A caution to mathematics professors: *Complex Variables* does not follow conventional outlines of course material. One reviewer noting its originality wrote: "A standard text is often preferred [to a superior text like this] because the professor knows the order of topics and the problems, and doesn't really have to pay attention to the text. He can go to class without preparation." Not so here — Dr. Flanigan treats this most important field of contemporary mathematics in a most unusual way. While all the material for an advanced undergraduate or first-year graduate course is covered, discussion of complex algebra is delayed for 100 pages, until harmonic functions have been analyzed from a real variable viewpoint. Students who have forgotten or never dealt with this material will find it useful for the subsequent functions. In addition, analytic functions are defined in a way which simplifies the subsequent theory. Contents include: Calculus in the Plane, Harmonic Functions in the Plane, Complex Numbers and Complex Functions, Integrals of Analytic Functions, Analytic Functions and Power Series, Singular Points and Laurent Series, The Residue Theorem and the Argument Principle, and Analytic Functions as Conformal Mappings. Those familiar with mathematics texts will note the fine illustrations throughout and large number of problems offered at the chapter ends. An answer section is provided. Students weary of plodding mathematical prose will find Professor Flanigan's style as refreshing and stimulating as his approach.

 [Download Complex Variables \(Dover Books on Mathematics\) ...pdf](#)

 [Read Online Complex Variables \(Dover Books on Mathematics\) ...pdf](#)

Complex Variables (Dover Books on Mathematics)

By Francis J. Flanigan

Complex Variables (Dover Books on Mathematics) By Francis J. Flanigan

A caution to mathematics professors: *Complex Variables* does not follow conventional outlines of course material. One reviewer noting its originality wrote: "A standard text is often preferred [to a superior text like this] because the professor knows the order of topics and the problems, and doesn't really have to pay attention to the text. He can go to class without preparation." Not so here — Dr. Flanigan treats this most important field of contemporary mathematics in a most unusual way. While all the material for an advanced undergraduate or first-year graduate course is covered, discussion of complex algebra is delayed for 100 pages, until harmonic functions have been analyzed from a real variable viewpoint. Students who have forgotten or never dealt with this material will find it useful for the subsequent functions. In addition, analytic functions are defined in a way which simplifies the subsequent theory. Contents include: Calculus in the Plane, Harmonic Functions in the Plane, Complex Numbers and Complex Functions, Integrals of Analytic Functions, Analytic Functions and Power Series, Singular Points and Laurent Series, The Residue Theorem and the Argument Principle, and Analytic Functions as Conformal Mappings.

Those familiar with mathematics texts will note the fine illustrations throughout and large number of problems offered at the chapter ends. An answer section is provided. Students weary of plodding mathematical prose will find Professor Flanigan's style as refreshing and stimulating as his approach.

Complex Variables (Dover Books on Mathematics) By Francis J. Flanigan Bibliography

- Sales Rank: #181594 in Books
- Published on: 1983-09
- Released on: 2010-09-20
- Original language: English
- Number of items: 1
- Dimensions: 8.50" h x 5.50" w x 1.00" l, .87 pounds
- Binding: Paperback
- 384 pages



[Download Complex Variables \(Dover Books on Mathematics\) ...pdf](#)



[Read Online Complex Variables \(Dover Books on Mathematics\) ...pdf](#)

Download and Read Free Online Complex Variables (Dover Books on Mathematics) By Francis J. Flanigan

Editorial Review

Users Review

From reader reviews:

Pamela Steele:

Often the book Complex Variables (Dover Books on Mathematics) has a lot of information on it. So when you read this book you can get a lot of gain. The book was authored by the very famous author. This articles author makes some research previous to write this book. This book very easy to read you can get the point easily after perusing this book.

Herbert Turley:

You could spend your free time to read this book this book. This Complex Variables (Dover Books on Mathematics) is simple bringing you can read it in the recreation area, in the beach, train in addition to soon. If you did not have much space to bring the actual printed book, you can buy typically the e-book. It is make you simpler to read it. You can save the particular book in your smart phone. So there are a lot of benefits that you will get when you buy this book.

William Moreau:

Is it an individual who having spare time subsequently spend it whole day by simply watching television programs or just lying down on the bed? Do you need something totally new? This Complex Variables (Dover Books on Mathematics) can be the response, oh how comes? The new book you know. You are so out of date, spending your free time by reading in this completely new era is common not a geek activity. So what these ebooks have than the others?

Sandra Mendoza:

You can get this Complex Variables (Dover Books on Mathematics) by browse the bookstore or Mall. Just viewing or reviewing it might to be your solve problem if you get difficulties on your knowledge. Kinds of this reserve are various. Not only by written or printed but also can you enjoy this book through e-book. In the modern era such as now, you just looking of your mobile phone and searching what your problem. Right now, choose your own personal ways to get more information about your publication. It is most important to arrange yourself to make your knowledge are still change. Let's try to choose correct ways for you.

Download and Read Online Complex Variables (Dover Books on Mathematics) By Francis J. Flanigan #X3UV7DRHMBK

Read Complex Variables (Dover Books on Mathematics) By Francis J. Flanigan for online ebook

Complex Variables (Dover Books on Mathematics) By Francis J. Flanigan Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Complex Variables (Dover Books on Mathematics) By Francis J. Flanigan books to read online.

Online Complex Variables (Dover Books on Mathematics) By Francis J. Flanigan ebook PDF download

Complex Variables (Dover Books on Mathematics) By Francis J. Flanigan Doc

Complex Variables (Dover Books on Mathematics) By Francis J. Flanigan MobiPocket

Complex Variables (Dover Books on Mathematics) By Francis J. Flanigan EPub

X3UV7DRHMBK: Complex Variables (Dover Books on Mathematics) By Francis J. Flanigan