

Complex Analysis

By V. Karunakaran

Download now

Read Online

Complex Analysis By V. Karunakaran

This book, an introduction to basic Complex Analysis at the undergraduate and postgraduate levels, features an integrated approach to the concept of differentiation for complex valued functions of a complex variable, unified Cauchy Riemann equations, a detailed discussion on the construction of Riemann surfaces for elementary functions leading to its abstract concept, step-by-step development of the most general form of Cauchy's theorem, complex version of the real intermediate value theorem, exhaustive treatment of contour integration and an introduction to the theory of univalent functions on the unit disc including a brief history of the Bieberbach's conjecture and its solution.

Download Complex Analysis ...pdf

Read Online Complex Analysis ...pdf

Complex Analysis

By V. Karunakaran

Complex Analysis By V. Karunakaran

This book, an introduction to basic Complex Analysis at the undergraduate and postgraduate levels, features an integrated approach to the concept of differentiation for complex valued functions of a complex variable, unified Cauchy Riemann equations, a detailed discussion on the construction of Riemann surfaces for elementary functions leading to its abstract concept, step-by-step development of the most general form of Cauchy's theorem, complex version of the real intermediate value theorem, exhaustive treatment of contour integration and an introduction to the theory of univalent functions on the unit disc including a brief history of the Bieberbach's conjecture and its solution.

Complex Analysis By V. Karunakaran Bibliography

- Sales Rank: #4268017 in Books
- Brand: Brand: Alpha Science Intl Ltd
- Published on: 2005-04
- Original language: English
- Dimensions: 9.50" h x 6.50" w x 1.00" l,
- Binding: Hardcover
- 427 pages

Download Complex Analysis ...pdf

Read Online Complex Analysis ...pdf

Download and Read Free Online Complex Analysis By V. Karunakaran

Editorial Review

Review

V. Karunakaran presents a distinctive introduction to the theory of a single complex variable in the second edition of **Complex Analysis**. The book has many noteworthy features. It contains, for example, a thorough list of alternate forms of the Cauchy-Riemann equations. Many readers will enjoy the rigorous treatment of Cauchy’s Theorem and Cauchy’s Integral Formula. … The author clearly makes a consistent effort to highlight the topological aspects of introductory complex analysis as it flows through many of the topics listed above and continues on to the Riemann Mapping Theorem. … a solid introduction to graduate complex analysis. Its treatment of topology will tie in nicely with other introductory courses. Proofs are complete and many difficult exercises are posed and fully solved. Anyone planning to teach a course in complex analysis should consider listing it as a reference.
?Dov Chelst, *MAA Reviews*, December 2011

About the Author
V. Karunakaran.: School of Mathematics, Madurai Kamaraj University

Users Review

From reader reviews:

Robert Irizarry:

With other case, little folks like to read book Complex Analysis. You can choose the best book if you appreciate reading a book. Given that we know about how is important a new book Complex Analysis. You can add information and of course you can around the world with a book. Absolutely right, simply because from book you can recognize everything! From your country until eventually foreign or abroad you will find yourself known. About simple issue until wonderful thing you may know that. In this era, we can open a book or even searching by internet unit. It is called e-book. You need to use it when you feel bored stiff to go to the library. Let's go through.

Johnnie Colby:

This Complex Analysis book is not really ordinary book, you have it then the world is in your hands. The benefit you receive by reading this book will be information inside this e-book incredible fresh, you will get information which is getting deeper anyone read a lot of information you will get. This specific Complex Analysis without we realize teach the one who looking at it become critical in pondering and analyzing. Don't become worry Complex Analysis can bring whenever you are and not make your handbag space or bookshelves' turn out to be full because you can have it in your lovely laptop even mobile phone. This Complex Analysis having great arrangement in word along with layout, so you will not experience uninterested in reading.

Peter Landon:

A lot of reserve has printed but it is unique. You can get it by internet on social media. You can choose the most beneficial book for you, science, witty, novel, or whatever by simply searching from it. It is called of book Complex Analysis. Contain your knowledge by it. Without leaving the printed book, it could possibly add your knowledge and make anyone happier to read. It is most critical that, you must aware about book. It can bring you from one place to other place.

James Bouchard:

Publication is one of source of information. We can add our knowledge from it. Not only for students but additionally native or citizen will need book to know the revise information of year to help year. As we know those books have many advantages. Beside most of us add our knowledge, can also bring us to around the world. From the book Complex Analysis we can get more advantage. Don't you to be creative people? For being creative person must like to read a book. Simply choose the best book that acceptable with your aim. Don't become doubt to change your life with this book Complex Analysis. You can more attractive than now.

Download and Read Online Complex Analysis By V. Karunakaran #HUDGLVC91EN

Read Complex Analysis By V. Karunakaran for online ebook

Complex Analysis By V. Karunakaran 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 Analysis By V. Karunakaran books to read online.

Online Complex Analysis By V. Karunakaran ebook PDF download

Complex Analysis By V. Karunakaran Doc

Complex Analysis By V. Karunakaran Mobipocket

Complex Analysis By V. Karunakaran EPub