



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](#)

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:

Steve Teegarden:

Book is to be different per grade. Book for children till adult are different content. We all know that that book is very important for people. The book Complex Analysis has been making you to know about other expertise and of course you can take more information. It doesn't matter what advantages for you. The reserve Complex Analysis is not only giving you considerably more new information but also to be your friend when you truly feel bored. You can spend your own personal spend time to read your guide. Try to make relationship using the book Complex Analysis. You never experience lose out for everything should you read some books.

Pamela Rhodes:

The experience that you get from Complex Analysis could be the more deep you digging the information that hide into the words the more you get enthusiastic about reading it. It doesn't mean that this book is hard to comprehend but Complex Analysis giving you enjoyment feeling of reading. The writer conveys their point in a number of way that can be understood by anyone who read the idea because the author of this book is well-known enough. That book also makes your personal vocabulary increase well. Therefore it is easy to understand then can go with you, both in printed or e-book style are available. We recommend you for having that Complex Analysis instantly.

Steven Cordell:

Your reading 6th sense will not betray anyone, why because this Complex Analysis book written by well-known writer who knows well how to make book which can be understand by anyone who read the book. Written within good manner for you, dripping every ideas and writing skill only for eliminate your personal hunger then you still doubt Complex Analysis as good book but not only by the cover but also through the content. This is one reserve that can break don't assess book by its protect, so do you still needing another sixth sense to pick this specific!? Oh come on your looking at sixth sense already alerted you so why you have to listening to a different sixth sense.

Robert Jones:

This Complex Analysis is brand new way for you who has curiosity to look for some information as it relief your hunger of information. Getting deeper you upon it getting knowledge more you know otherwise you who still having bit of digest in reading this Complex Analysis can be the light food for you because the information inside that book is easy to get by anyone. These books develop itself in the form which can be reachable by anyone, yep I mean in the e-book web form. People who think that in publication form make them feel tired even dizzy this publication is the answer. So you cannot find any in reading a book especially this one. You can find actually looking for. It should be here for anyone. So , don't miss the idea! Just read this e-book variety for your better life along with knowledge.

**Download and Read Online Complex Analysis By V. Karunakaran
#HCGXMQ7BWNJ**

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