Value Distribution Theory and Related Topics (Advances in Complex Analysis and Its Applications)

By Grigor A. Barsegian, Ilpo Laine, Chung-Chun Yang

Value Distribution Theory and Related Topics (Advances in Complex Analysis and Its Applications) By Grigor A. Barsegian, Ilpo Laine, Chung-Chun Yang

The Nevanlinna theory of value distribution of meromorphic functions, one of the milestones of complex analysis during the last century, was c- ated to extend the classical results concerning the distribution of of entire functions to the more general setting of meromorphic functions. Later on, a similar reasoning has been applied to algebroid functions, subharmonic functions and meromorphic functions on Riemann surfaces as well as to - alytic functions of several complex variables, holomorphic and meromorphic mappings and to the theory of minimal surfaces. Moreover, several appli- tions of the theory have been exploited, including complex differential and functional equations, complex dynamics and Diophantine equations. The main emphasis of this collection is to direct attention to a number of recently developed novel ideas and generalizations that relate to the - velopment of value distribution theory and its applications. In particular, we mean a recent theory that replaces the conventional consideration of counting within a disc by an analysis of their geometric locations. Another such example is presented by the generalizations of the second main theorem to higher dimensional cases by using the jet theory. Moreover, s- ilar ideas apparently may be applied to several related areas as well, such as to partial differential equations and to differential geometry. Indeed, most of these applications go back to the problem of analyzing zeros of certain complex or real functions, meaning in fact to investigate level sets or level surfaces.

Value Distribution Theory and Related Topics (Advances in Complex Analysis and Its Applications)

By Grigor A. Barsegian, Ilpo Laine, Chung-Chun Yang

Value Distribution Theory and Related Topics (Advances in Complex Analysis and Its Applications)
By Grigor A. Barsegian, Ilpo Laine, Chung-Chun Yang

The Nevanlinna theory of value distribution of meromorphic functions, one of the milestones of complex analysis during the last century, was c- ated to extend the classical results concerning the distribution of of entire functions to the more general setting of meromorphic functions. Later on, a similar reasoning has been applied to algebroid functions, subharmonic functions and meromorphic functions on Riemann surfaces as well as to - alytic functions of several complex variables, holomorphic and meromorphic mappings and to the theory of minimal surfaces. Moreover, several appli- tions of the theory have been exploited, including complex differential and functional equations, complex dynamics and Diophantine equations. The main emphasis of this collection is to direct attention to a number of recently developed novel ideas and generalizations that relate to the - velopment of value distribution theory and its applications. In particular, we mean a recent theory that replaces the conventional consideration of counting within a disc by an analysis of their geometric locations. Another such example is presented by the generalizations of the second main theorem to higher dimensional cases by using the jet theory. Moreover, s- ilar ideas apparently may be applied to several related areas as well, such as to partial differential equations and to differential geometry. Indeed, most of these applications go back to the problem of analyzing zeros of certain complex or real functions, meaning in fact to investigate level sets or level surfaces.

Value Distribution Theory and Related Topics (Advances in Complex Analysis and Its Applications) By Grigor A. Barsegian, Ilpo Laine, Chung-Chun Yang Bibliography

- Published on: 2004-05-31
- Released on: 2004-05-31
- Format: Kindle eBook

Download and Read Free Online Value Distribution Theory and Related Topics (Advances in Complex Analysis and Its Applications) By Grigor A. Barsegian, Ilpo Laine, Chung-Chun Yang

Editorial Review

Users Review

From reader reviews:

Nicholas Walsh:

Why don't make it to become your habit? Right now, try to prepare your time to do the important work, like looking for your favorite publication and reading a reserve. Beside you can solve your trouble; you can add your knowledge by the guide entitled Value Distribution Theory and Related Topics (Advances in Complex Analysis and Its Applications). Try to the actual book Value Distribution Theory and Related Topics (Advances in Complex Analysis and Its Applications) as your close friend. It means that it can to get your friend when you really feel alone and beside those of course make you smarter than before. Yeah, it is very fortuned in your case. The book makes you much more confidence because you can know every thing by the book. So , let me make new experience in addition to knowledge with this book.

Peter Burnett:

Book will be written, printed, or outlined for everything. You can understand everything you want by a reserve. Book has a different type. We all know that that book is important issue to bring us around the world. Beside that you can your reading expertise was fluently. A book Value Distribution Theory and Related Topics (Advances in Complex Analysis and Its Applications) will make you to possibly be smarter. You can feel considerably more confidence if you can know about every little thing. But some of you think that open or reading a new book make you bored. It is not necessarily make you fun. Why they could be thought like that? Have you in search of best book or suitable book with you?

Mary Burnette:

This Value Distribution Theory and Related Topics (Advances in Complex Analysis and Its Applications) book is simply not ordinary book, you have it then the world is in your hands. The benefit you will get by reading this book is usually information inside this e-book incredible fresh, you will get facts which is getting deeper you actually read a lot of information you will get. This Value Distribution Theory and Related Topics (Advances in Complex Analysis and Its Applications) without we recognize teach the one who examining it become critical in thinking and analyzing. Don't always be worry Value Distribution Theory and Related Topics (Advances in Complex Analysis and Its Applications) can bring any time you are and not make your tote space or bookshelves' come to be full because you can have it in your lovely laptop even mobile phone. This Value Distribution Theory and Related Topics (Advances in Complex Analysis and Its Applications) having excellent arrangement in word along with layout, so you will not really feel uninterested in reading.

Harry Baxter:

Often the book Value Distribution Theory and Related Topics (Advances in Complex Analysis and Its Applications) has a lot details on it. So when you make sure to read this book you can get a lot of benefit. The book was published by the very famous author. The writer makes some research previous to write this book. That book very easy to read you will get the point easily after reading this book.

Download and Read Online Value Distribution Theory and Related Topics (Advances in Complex Analysis and Its Applications) By Grigor A. Barsegian, Ilpo Laine, Chung-Chun Yang #MCUNG1TRQFD

Read Value Distribution Theory and Related Topics (Advances in Complex Analysis and Its Applications) By Grigor A. Barsegian, Ilpo Laine, Chung-Chun Yang for online ebook

Value Distribution Theory and Related Topics (Advances in Complex Analysis and Its Applications) By Grigor A. Barsegian, Ilpo Laine, Chung-Chun Yang 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 Value Distribution Theory and Related Topics (Advances in Complex Analysis and Its Applications) By Grigor A. Barsegian, Ilpo Laine, Chung-Chun Yang books to read online.

Online Value Distribution Theory and Related Topics (Advances in Complex Analysis and Its Applications) By Grigor A. Barsegian, Ilpo Laine, Chung-Chun Yang ebook PDF download

Value Distribution Theory and Related Topics (Advances in Complex Analysis and Its Applications) By Grigor A. Barsegian, Ilpo Laine, Chung-Chun Yang Doc

Value Distribution Theory and Related Topics (Advances in Complex Analysis and Its Applications) By Grigor A. Barsegian, Ilpo Laine, Chung-Chun Yang Mobipocket

Value Distribution Theory and Related Topics (Advances in Complex Analysis and Its Applications) By Grigor A. Barsegian, Ilpo Laine, Chung-Chun Yang EPub

MCUNG1TRQFD: Value Distribution Theory and Related Topics (Advances in Complex Analysis and Its Applications) By Grigor A. Barsegian, Ilpo Laine, Chung-Chun Yang