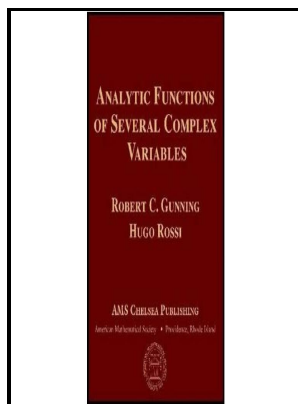


Analytic functions of several complex variables

[s.n.] - Complex Analysis of Several Variables



Description: -

-Analytic functions of several complex variables

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Notes: Lectures delivered at the Institute for Advanced Study, 1948-49.

This edition was published in 1954



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Uniqueness properties of analytic functions

After initial successes by Poincare and others in the late 19th and early 20th centuries, the theory encountered obstacles that prevented it from growing quickly into an analogue of the theory for functions of one complex variable. It is also geared toward graduate students taking a second semester course on these topics, engineers and physicists who use complex variables in their work, and students and researchers at any level who want a reference book on the subject.

Complex Analysis of Several Variables

D'Angelo Publisher: CRC Press ISBN: 0849382726 Category: Mathematics Page: 288 View: 576 Several Complex Variables and the Geometry of Real Hypersurfaces covers a wide range of information from basic facts about holomorphic functions of several complex variables through deep results such as subelliptic estimates for the $\bar{\partial}$ -problem. Since its original publication, this book has become a classic resource for the modern approach to functions of several complex variables and the theory of analytic spaces. The book by Gunning and Rossi was the first of the modern era of the theory of several complex variables, which is distinguished by the use of these methods.

Uniqueness properties of analytic functions

After initial successes by Poincare and others in the late 19th and early 20th centuries, the theory encountered obstacles that prevented it from growing quickly into an analogue of the theory for functions of one complex variable. The theory of analytic functions of several complex variables enjoyed a period of remarkable development in the middle part of the twentieth century.

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The first chapter covers material suitable for a one-semester graduate course, presenting many of the central problems and techniques, often in special cases.

Analytic Functions of Several Complex Variables

Discontinuous groups Functions , Entire Functions , Quaternion Functions of several complex variables Geometric. It turns out that in uniqueness

problems the concept of the Baire category of a set is also very important.

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