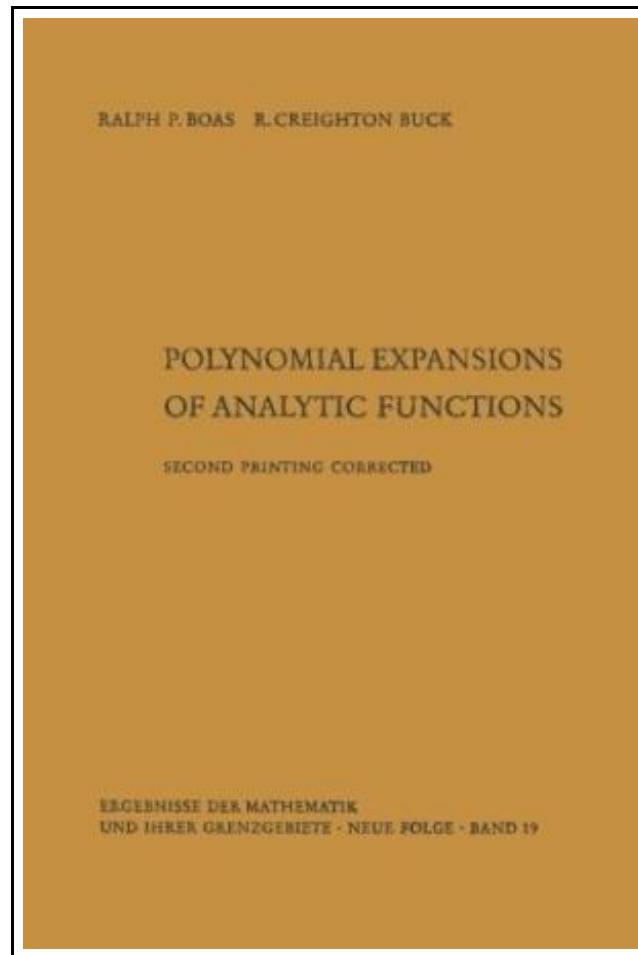


Polynomial Expansions of Analytic Functions



Filesize: 6.36 MB

Reviews

Extensive guide! Its this sort of very good study. It is actually full of knowledge and wisdom I found out this pdf from my i and dad suggested this ebook to understand.
(Melany Bogisich)

POLYNOMIAL EXPANSIONS OF ANALYTIC FUNCTIONS

[DOWNLOAD](#)

To save **Polynomial Expansions of Analytic Functions** eBook, please click the button below and download the file or get access to other information that are related to POLYNOMIAL EXPANSIONS OF ANALYTIC FUNCTIONS book.

Springer-Verlag Berlin and Heidelberg GmbH & Co. K. Paperback. Book Condition: New. Paperback. 77 pages. Dimensions: 9.2in. x 6.1in. x 0.2in. This monograph deals with the expansion properties, in the complex domain, of sets of polynomials which are defined by generating relations. It thus represents a synthesis of two branches of analysis which have been developing almost independently. On the one hand there has grown up a body of results dealing with the more or less formal properties of sets of polynomials which possess simple generating relations. Much of this material is summarized in the Bateman compendia (ERDELYI 1, voi. III, chap. 19) and in TRUESDELL 1. On the other hand, a problem of fundamental interest in classical analysis is to study the representability of an analytic function $f(z)$ as a series, $\sum c_n p_n(z)$, where $p_n(z)$ is a prescribed sequence of functions, and the connections between the function f and the coefficients c_n . BIEBERBACH's monograph Analytische Fortsetzung (Ergebnisse der Mathematik, new series, no. 3) can be regarded as a study of this problem for the special choice $p_n(z) = z^n$, and illustrates the depth and detail which such a specialization allows. However, the wealth of available information about other sets of polynomials has seldom been put to work in this connection (the application of generating relations to expansion of functions is not even mentioned in the Bateman compendia). At the other extreme, J. M. Whittaker and G. N. Watson's "A Course of Modern Analysis" (4th ed., Cambridge University Press, 1935) gives a detailed account of the properties of sets of polynomials which are defined by generating relations. This item ships from multiple locations. Your book may arrive from Roseburg, OR, La Vergne, TN. Paperback.

[Read Polynomial Expansions of Analytic Functions Online](#)[Download PDF Polynomial Expansions of Analytic Functions](#)

See Also



[PDF] Dont Line Their Pockets With Gold Line Your Own A Small How To Book on Living Large

Click the web link under to read "Dont Line Their Pockets With Gold Line Your Own A Small How To Book on Living Large" document.

[Read Book »](#)



[PDF] Molly on the Shore, BFMS 1 Study score

Click the web link under to read "Molly on the Shore, BFMS 1 Study score" document.

[Read Book »](#)



[PDF] The Whale Tells His Side of the Story Hey God, Ive Got Some Guy Named Jonah in My Stomach and I Think Im Gonna Throw Up

Click the web link under to read "The Whale Tells His Side of the Story Hey God, Ive Got Some Guy Named Jonah in My Stomach and I Think Im Gonna Throw Up" document.

[Read Book »](#)



[PDF] DK Readers Invaders From Outer Space Level 3 Reading Alone

Click the web link under to read "DK Readers Invaders From Outer Space Level 3 Reading Alone" document.

[Read Book »](#)



[PDF] DK Readers Day at Greenhill Farm Level 1 Beginning to Read

Click the web link under to read "DK Readers Day at Greenhill Farm Level 1 Beginning to Read" document.

[Read Book »](#)



[PDF] Viking Ships At Sunrise Magic Tree House, No. 15

Click the web link under to read "Viking Ships At Sunrise Magic Tree House, No. 15" document.

[Read Book »](#)