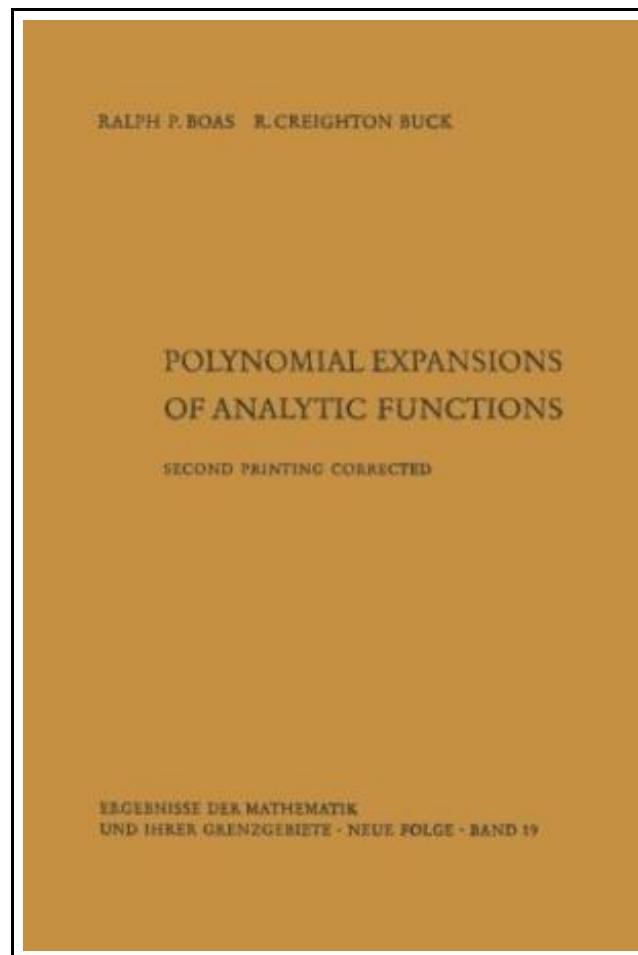


# Polynomial Expansions of Analytic Functions



Filesize: 4.23 MB

## Reviews

*A must buy book if you need to adding benefit. I have read through and i also am certain that i will likely to read through once again yet again in the future. Its been designed in an exceedingly simple way and is particularly merely after i finished reading this publication by which really modified me, modify the way i think.*

*(Mrs. Jacquelyn Gutmann)*

## POLYNOMIAL EXPANSIONS OF ANALYTIC FUNCTIONS

[DOWNLOAD PDF](#)

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. TRUESDELL 1. 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

---



### **Dont Line Their Pockets With Gold Line Your Own A Small How To Book on Living Large**

Madelyn D R Books. Paperback. Book Condition: New. Paperback. 106 pages. Dimensions: 9.0in. x 6.0in. x 0.3in.This book is about my cousin, Billy a guy who taught me a lot over the years and who...

[Download Document »](#)

---



### **Molly on the Shore, BFMS 1 Study score**

Petrucci Library Press. Paperback. Book Condition: New. Paperback. 26 pages. Dimensions: 9.7in. x 6.9in. x 0.3in.Percy Grainger, like his contemporary Bela Bartok, was intensely interested in folk music and became a member of the English...

[Download Document »](#)

---



### **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**

B&H Kids. Hardcover. Book Condition: New. Cory Jones (illustrator). Hardcover. 32 pages. Dimensions: 9.1in. x 7.2in. x 0.3in.Oh sure, well all heard the story of Jonah and the Whale a hundred times. But have we...

[Download Document »](#)

---



### **DK Readers Invaders From Outer Space Level 3 Reading Alone**

DK CHILDREN. Paperback. Book Condition: New. Paperback. 48 pages. Dimensions: 8.9in. x 5.9in. x 0.1in.Are aliens from other planets visiting Earth Read these amazing stories of alien encounters -- and make up your own mind!...

[Download Document »](#)

---



### **DK Readers Day at Greenhill Farm Level 1 Beginning to Read**

DK CHILDREN. Paperback. Book Condition: New. Paperback. 32 pages. Dimensions: 8.8in. x 5.7in. x 0.2in.This Level 1 book is appropriate for children who are just beginning to read. When the rooster crows, Greenhill Farm springs...

[Download Document »](#)