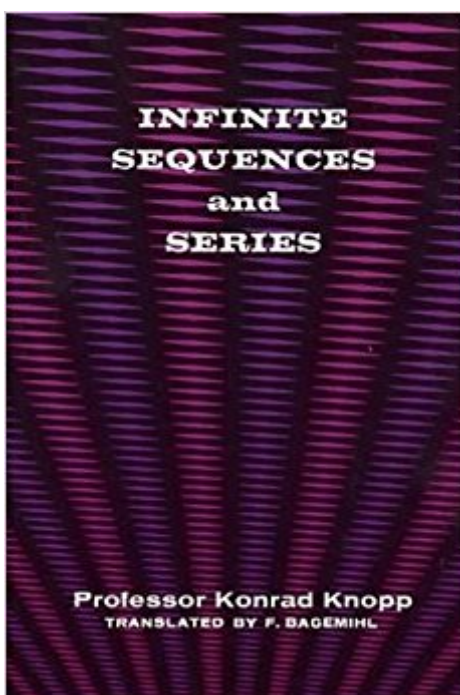


The book was found

Infinite Sequences And Series (Dover Books On Mathematics)



Synopsis

One of the finest expositors in the field of modern mathematics, Dr. Konrad Knopp here concentrates on a topic that is of particular interest to 20th-century mathematicians and students. He develops the theory of infinite sequences and series from its beginnings to a point where the reader will be in a position to investigate more advanced stages on his own. The foundations of the theory are therefore presented with special care, while the developmental aspects are limited by the scope and purpose of the book. All definitions are clearly stated; all theorems are proved with enough detail to make them readily comprehensible. The author begins with the construction of the system of real and complex numbers, covering such fundamental concepts as sets of numbers and functions of real and complex variables. In the treatment of sequences and series that follows, he covers arbitrary and null sequences; sequences and sets of numbers; convergence and divergence; Cauchy's limit theorem; main tests for sequences; and infinite series. Chapter three deals with main tests for infinite series and operating with convergent series. Chapters four and five explain power series and the development of the theory of convergence, while chapter six treats expansion of the elementary functions. The book concludes with a discussion of numerical and closed evaluation of series.

Book Information

Series: Dover Books on Mathematics

Paperback: 208 pages

Publisher: Dover Publications; No Edition Stated edition (June 1, 1956)

Language: English

ISBN-10: 0486601536

ISBN-13: 978-0486601533

Product Dimensions: 5.7 x 0.4 x 7.9 inches

Shipping Weight: 4.8 ounces (View shipping rates and policies)

Average Customer Review: 2.9 out of 5 stars 5 customer reviews

Best Sellers Rank: #1,508,319 in Books (See Top 100 in Books) #99 in [Books > Science & Math > Mathematics > Infinity](#) #3351 in [Books > Textbooks > Science & Mathematics > Mathematics > Algebra & Trigonometry](#) #4434 in [Books > Science & Math > Mathematics > Pure Mathematics > Algebra](#)

Customer Reviews

Do a series of numbers converge or diverge? That is, does the series you are looking at go on

forever, or end in some number? How do sequences and sets relate to each other? Is there a set that contains infinite sequences? From the expansion of elementary functions, to the power series, this book makes your journey into this area of mathematics understandable, even enjoyable. If you are a MathPhile, or want to be, this book is highly recommended.

good basics

The original book -which I have as a pdf- has about 700 pages but the book I received has only about 200 pages I am very disappointed

Learning infinite sequences from this book is not recommended for beginners like me. I suggest reading Calculus by John Stewart where evaluation of limits is demonstrated. Stewart proceeds along with different types of tests compared to this book. This one is more "formula oriented" Regards, Yasir[...]

Very dry, hard to read for long periods. The 174 pages seem like about 300. I think this could be due to the translation. Very complete, gives you everything you could want to know about infinite series. *Not* for those of you who are easily bored...

[Download to continue reading...](#)

Infinite Sequences and Series (Dover Books on Mathematics) Understanding Infinity: The Mathematics of Infinite Processes (Dover Books on Mathematics) Sequences, Combinations, Limits (Dover Books on Mathematics) Theory and Application of Infinite Series (Dover Books on Mathematics) Infinite Series (Dover Books on Mathematics) Fractals, Chaos, Power Laws: Minutes from an Infinite Paradise (Dover Books on Physics) READING ORDER: TAMI HOAG: BOOKS LIST OF THE BITTER SEASON, KOVAC/LISKA BOOKS, HENNESSY BOOKS, QUAID HORSES, DOUCET BOOKS, DEER LAKE BOOKS, ELENA ESTES BOOKS, OAK KNOLL BOOKS BY TAMI HOAG Mathematics and the Imagination (Dover Books on Mathematics) Mathematics for Quantum Mechanics: An Introductory Survey of Operators, Eigenvalues, and Linear Vector Spaces (Dover Books on Mathematics) The Nature and Power of Mathematics (Dover Books on Mathematics) Mathematics and the Physical World (Dover Books on Mathematics) Undecidable Theories: Studies in Logic and the Foundation of Mathematics (Dover Books on Mathematics) One Hundred Problems in Elementary Mathematics (Dover Books on Mathematics) Mathematics for the Nonmathematician (Dover Books on Mathematics) Concepts of Modern Mathematics (Dover Books on Mathematics)

Mathematics for Operations Research (Dover Books on Mathematics) ASTA String Curriculum: Standards, Goals, and Learning Sequences for Essential Skills and Knowledge in K-12 String Programs Quaternions and Rotation Sequences: A Primer with Applications to Orbits, Aerospace and Virtual Reality Books For Kids: Natalia and the Pink Ballet Shoes (KIDS FANTASY BOOKS #3) (Kids Books, Children's Books, Kids Stories, Kids Fantasy Books, Kids Mystery ... Series Books For Kids Ages 4-6 6-8, 9-12) Exploring the Infinite: An Introduction to Proof and Analysis (Textbooks in Mathematics)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)