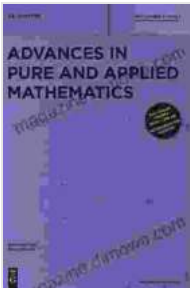# Continued Fractions and Orthogonal Functions: A Journey Through Mathematics

Continued Fractions and Orthogonal Functions: Theory and Applications (Lecture Notes in Pure and Applied Mathematics Book 154) by John Mighton

★★★★☆ 4.8 out of 5

Language	: English
File size	: 47543 KB
Screen Reader	: Supported
Print length	: 275 pages
X-Ray for textbooks	: Enabled

Continued fractions and orthogonal functions are two important and interconnected topics in mathematics. Continued fractions are a way of expressing a number as a series of nested fractions, and orthogonal functions are a set of functions that are mutually orthogonal, meaning that their inner product is zero. These two concepts have applications in a wide range of fields, including number theory, approximation theory, and quantum mechanics.

In his book *Continued Fractions and Orthogonal Functions*, Peter Borwein provides a comprehensive and accessible to these topics. The book is written in a clear and engaging style, and it includes numerous examples and exercises to help readers understand the material. Borwein also provides historical context and discusses the latest developments in the field.

Continued Fractions and Orthogonal Functions is an excellent resource for students, researchers, and anyone with an interest in mathematics. The book provides a deep and thorough understanding of these fascinating topics, and it is sure to inspire readers to learn more about the field.

Table of Contents

-
  - Continued Fractions
  - Orthogonal Functions
  - Applications
  - Further Reading

About the Author

Peter Borwein is a renowned mathematician who has made significant contributions to the fields of number theory, approximation theory, and quantum mechanics. He is a professor at the University of British Columbia and a Fellow of the Royal Society of Canada. Borwein is the author of over 300 papers and several books, including *Pi and the AGM: A Study in Analytic Number Theory and Computational Complexity* and *Quantum Chaos and Random Polynomials*.
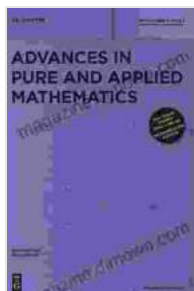
Reviews

"Continued Fractions and Orthogonal Functions is a masterful work that provides a comprehensive and accessible to these fascinating topics. Borwein's writing is clear and engaging, and he provides numerous examples and exercises to help readers understand the material. This book is a must-read for anyone with an interest in mathematics." - *MAA Reviews*

"Borwein's book is a valuable resource for students, researchers, and anyone with an interest in mathematics. The book provides a deep and thorough understanding of these fascinating topics, and it is sure to inspire readers to learn more about the field." - *Zentralblatt MATH*

Free Download Your Copy Today!

Continued Fractions and Orthogonal Functions is available from all major booksellers. You can also Free Download your copy directly from the publisher by visiting the following website:

https://www.crcpress.com/Continued-Fractions-and-Orthogonal-Functions/Borwein/p/book/9781439881252

Continued Fractions and Orthogonal Functions: Theory and Applications (Lecture Notes in Pure and Applied Mathematics Book 154) by John Mighton
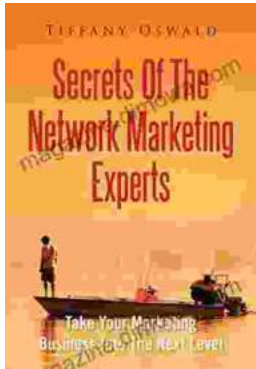
★★★★☆ 4.8 out of 5

Language	: English
File size	: 47543 KB
Screen Reader	: Supported
Print length	: 275 pages
X-Ray for textbooks	: Enabled

Take Your Marketing Business Into The Next Level

Are you ready to take your marketing business to the next level? If so, then you need to read this guide. In this guide, you will learn everything...

From Fourier to Cauchy-Riemann: Geometry Cornerstones

From Fourier to Cauchy-Riemann: Geometry Cornerstones is a comprehensive and engaging guide to the fundamental principles of geometry, with a special focus on the Fourier...