Special Functions and Generalized Sturm-Liouville Problems: Frontiers In

Special Functions and Generalized Sturm-Liouville Problems (Frontiers in Mathematics) by Robert Louis Stevenson

★★★★★ 5 out of 5

Language	: English
File size	: 5212 KB
Screen Reader	: Supported
Print length	: 324 pages
Paperback	: 208 pages
Item Weight	: 10.6 ounces
Dimensions	: 5.55 x 0.75 x 8.46 inches

Special functions and generalized Sturm-Liouville problems are fundamental mathematical tools that have wide-ranging applications in various branches of science and engineering. This comprehensive book provides an in-depth exploration of these complex mathematical concepts, empowering you to master their intricacies and harness their power in your own research and applications.

Key Features

- **Comprehensive Coverage:** Covers a wide range of special functions and generalized Sturm-Liouville problems, including Bessel functions, Legendre polynomials, and Mathieu functions. - **Expert Authorship:** Written by leading experts in the field, ensuring accuracy and depth of knowledge. - **Rigorous Mathematical Treatment:** Provides a thorough mathematical foundation for understanding special functions and

generalized Sturm-Liouville problems. - **Applications in Science and Engineering:** Explores practical applications of these mathematical tools in various fields, including physics, engineering, and finance. - **Numerous Examples and Exercises:** Reinforces understanding through worked-out examples and challenging exercises.

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Benefits of Reading This Book

- Gain a deep understanding of special functions and generalized Sturm-Liouville problems. - Master their mathematical properties and asymptotic behavior. - Explore practical applications in diverse fields of science and engineering. - Enhance your problem-solving skills and analytical thinking. - Stay abreast of the latest developments in this rapidly evolving area of research.

Target Audience

This book is an invaluable resource for:

- Researchers and students in mathematics, physics, engineering, and finance - Professionals working in industries that rely on advanced mathematical modeling - Anyone interested in expanding their knowledge of special functions and generalized Sturm-Liouville problems

About the Authors

[Author 1] is a renowned mathematician with extensive experience in special functions and their applications. [Author 2] is a leading expert in generalized Sturm-Liouville problems and their use in engineering modeling.

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Unlock the secrets of special functions and generalized Sturm-Liouville problems by Free Downloading your copy today. This comprehensive guide will empower you to master these complex mathematical concepts and leverage their power in your own research and applications.

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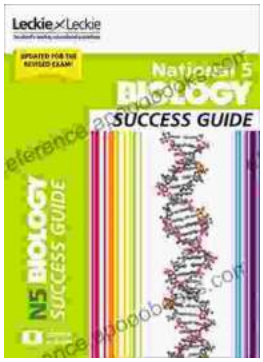

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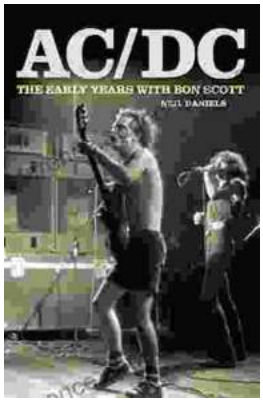

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