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⭐⭐⭐⭐⭐ 5 out of 5

Language	: English
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Screen Reader	: Supported
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Unravel the complexities of complex numbers with Krishna Me's lucid explanations. Explore their geometric representation on the Argand plane and delve into their algebraic operations. Master the concept of complex conjugate and its significance in simplifying calculations.

Diving into Analytic Functions: A Gateway to Higher Understanding

Witness the elegance of analytic functions, their derivatives, and their integral representations. Delve into Cauchy's integral formula and explore

its remarkable applications. Unlock the secrets of Taylor and Laurent expansions, opening doors to deeper mathematical exploration.

Conquering Cauchy's Theorem: A Pinnacle of Proof

Grasp the intricacies of Cauchy's theorem, a cornerstone of Complex Analysis. Expand your understanding of complex integration and apply this theorem to evaluate complex integrals with finesse. Journey through the intricate proofs, gaining invaluable problem-solving skills.

Unveiling the Essence of Residues: A Calculus of Heaven and Earth

Discover the power of residues, a calculus of heaven and earth. Understand their significance in evaluating integrals of rational functions and delve into the calculus of residues. Unlock the secrets of contour integration, expanding your mathematical toolkit.

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Explore the captivating world of conformal mappings, a key to understanding the geometry of complex functions. Witness how complex functions transform geometric shapes, revealing hidden symmetries and relationships. Delve into the properties of conformal mappings, discovering their applications in physics, engineering, and other fields.

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Benefit from a treasure trove of fully solved examples that illuminate the concepts of Complex Analysis. Each example is meticulously crafted, guiding you through the intricacies of mathematical operations and

problem-solving techniques. Gain confidence in tackling complex problems with ease.

Practice Exercises: Sharpening Your Skills

Bolster your understanding through a comprehensive collection of practice exercises. Tackle a variety of problems, ranging from basic to challenging, to hone your skills and prepare for exam success. Enhance your critical thinking and deepen your knowledge of Complex Analysis.

Why Choose Krishna Me's Complex Analysis?

- Clear and concise explanations, breaking down complex concepts into digestible chunks

- Fully solved examples, acting as a step-by-step guide to problem-solving

- Practice exercises, providing ample opportunities to reinforce your learning

- Expertise of an experienced educator, ensuring accuracy and thoroughness

- Comprehensive coverage, encompassing the entire BSc syllabus for Complex Analysis

Empowering You for Exam Success

Krishna Me's Complex Analysis reference book is your indispensable companion for achieving exam success. With its comprehensive contents, clear explanations, and abundant practice materials, you will gain the confidence and expertise to conquer your BSc Complex Analysis exams.

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"I found this book extremely useful. It clarified the concepts in a way that my textbook couldn't. The practice exercises were also very helpful for preparing for the exam." - *David, BSc Mathematics student*

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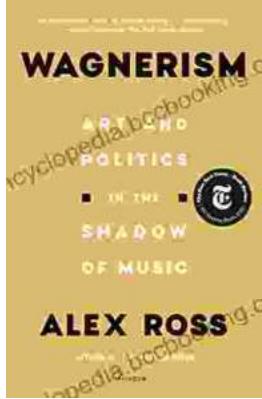
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