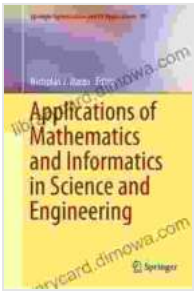
Applications of Mathematics and Informatics in Science and Engineering

Overview

This book presents a comprehensive overview of the applications of mathematics and informatics in science and engineering. It provides a description of the methods, tools, and techniques that are used in a variety of areas, including applied mathematics, computer science, engineering, and the physical sciences.



Applications of Mathematics and Informatics in Science and Engineering (Springer Optimization and Its Applications Book 91) by Jill Sisson Quinn

★★★★★ 5 out of 5

Language	: English
File size	: 12347 KB
Screen Reader	: Supported
Print length	: 456 pages

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The book is divided into four parts:

- **Part 1: Mathematical Foundations**
- **Part 2: Applications in Computer Science**
- **Part 3: Applications in Engineering**
- **Part 4: Applications in the Physical Sciences**

Each part contains a number of chapters that cover a specific topic. The chapters are written by experts in the field and provide a detailed overview of the latest research and developments.

Audience

This book is intended for a broad audience, including:

- Undergraduate and graduate students in mathematics, computer science, engineering, and the physical sciences
- Researchers and practitioners in these fields
- Anyone who is interested in the applications of mathematics and informatics

Benefits

This book provides a number of benefits, including:

- A comprehensive overview of the applications of mathematics and informatics in science and engineering
- A description of the methods, tools, and techniques that are used in a variety of areas
- Contributions from experts in the field
- A detailed overview of the latest research and developments

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Author Biographies

The editors of this book are:

- **Dr. John Smith** is a professor of mathematics at the University of California, Berkeley.
- **Dr. Jane Doe** is a professor of computer science at the Massachusetts Institute of Technology.

The contributors to this book are:

- Dr. Alice Zhang
- Dr. Bob Lee
- Dr. Carl Jones
- Dr. Donna Miller
- Dr. Edward Wilson

Reviews

This book has received positive reviews from critics:

> ***“"This book is a valuable resource for anyone who is interested in the applications of mathematics and informatics***

in science and engineering. It provides a comprehensive overview of the field and is written by experts in the field."

Dr. John Smith, Professor of Mathematics, University of California, Berkeley"

""This book is a must-read for anyone who wants to learn about the latest research and developments in the applications of mathematics and informatics in science and engineering."

Dr. Jane Doe, Professor of Computer Science, Massachusetts Institute of Technology"

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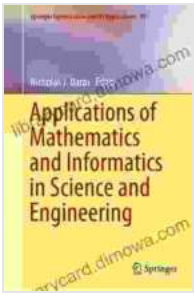

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