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# Computational Geometry

Algorithms and Applications  
Second Edition



Springer

# Computational Geometry

**Jiyuan Zhang**



## **Computational Geometry:**

This book delves into Computational Geometry. Computational Geometry is an essential topic that must be grasped by everyone, ranging from students and scholars to the general public. This book will furnish comprehensive and in-depth insights into Computational Geometry, encompassing both the fundamentals and more intricate discussions.

1. This book is structured into several chapters, namely:
    - Chapter 1: Introduction to Computational Geometry
    - Chapter 2: Essential Elements of Computational Geometry
    - Chapter 3: Computational Geometry in Everyday Life
    - Chapter 4: Computational Geometry in Specific Contexts
    - Chapter 5: Conclusion
  2. In chapter 1, this book will provide an overview of Computational Geometry. The first chapter will explore what Computational Geometry is, why Computational Geometry is vital, and how to effectively learn about Computational Geometry.
  3. In chapter 2, this book will delve into the foundational concepts of Computational Geometry. The second chapter will elucidate the essential principles that must be understood to grasp Computational Geometry in its entirety.
  4. In chapter 3, the author will examine the practical applications of Computational Geometry in daily life. The third chapter will showcase real-world examples of how Computational Geometry can be effectively utilized in everyday scenarios.
  5. In chapter 4, this book will scrutinize the relevance of Computational Geometry in specific contexts. This chapter will explore how Computational Geometry is applied in specialized fields, such as education, business, and technology.
  6. In chapter 5, this book will draw a conclusion about Computational Geometry. The final chapter will summarize the key points that have been discussed throughout the book.
- The book is crafted in an easy-to-understand language and is complemented by engaging illustrations. This book is highly recommended for anyone seeking to gain a comprehensive understanding of Computational Geometry.

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