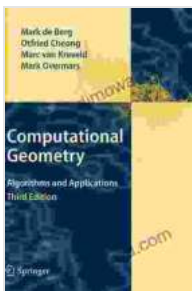


# Computational Geometry Algorithms and Applications: The Essential Guide for Researchers and Practitioners

Computational geometry is a branch of computer science that deals with the representation and manipulation of geometric objects in a computer. It has applications in a wide variety of fields, including computer graphics, robotics, geographic information systems, and molecular biology.

This book provides a comprehensive to computational geometry algorithms and applications. It covers the fundamental concepts of computational geometry, such as points, lines, polygons, and polyhedra. It also discusses advanced techniques, such as convex hulls, Delaunay triangulations, and Voronoi diagrams.



## Computational Geometry: Algorithms and Applications

by Otfried Cheong

★★★★☆ 4.5 out of 5

Language : English

File size : 7068 KB

Print length : 398 pages

Screen Reader : Supported



The book is written in a clear and concise style, and it is suitable for both undergraduate and graduate students. It is also a valuable resource for researchers and practitioners who need to use computational geometry algorithms in their work.

## **Table of Contents**

1. to Computational Geometry
2. Points and Lines
3. Polygons
4. Polyhedra
5. Convex Hulls
6. Delaunay Triangulations
7. Voronoi Diagrams
8. Applications of Computational Geometry

## **Features**

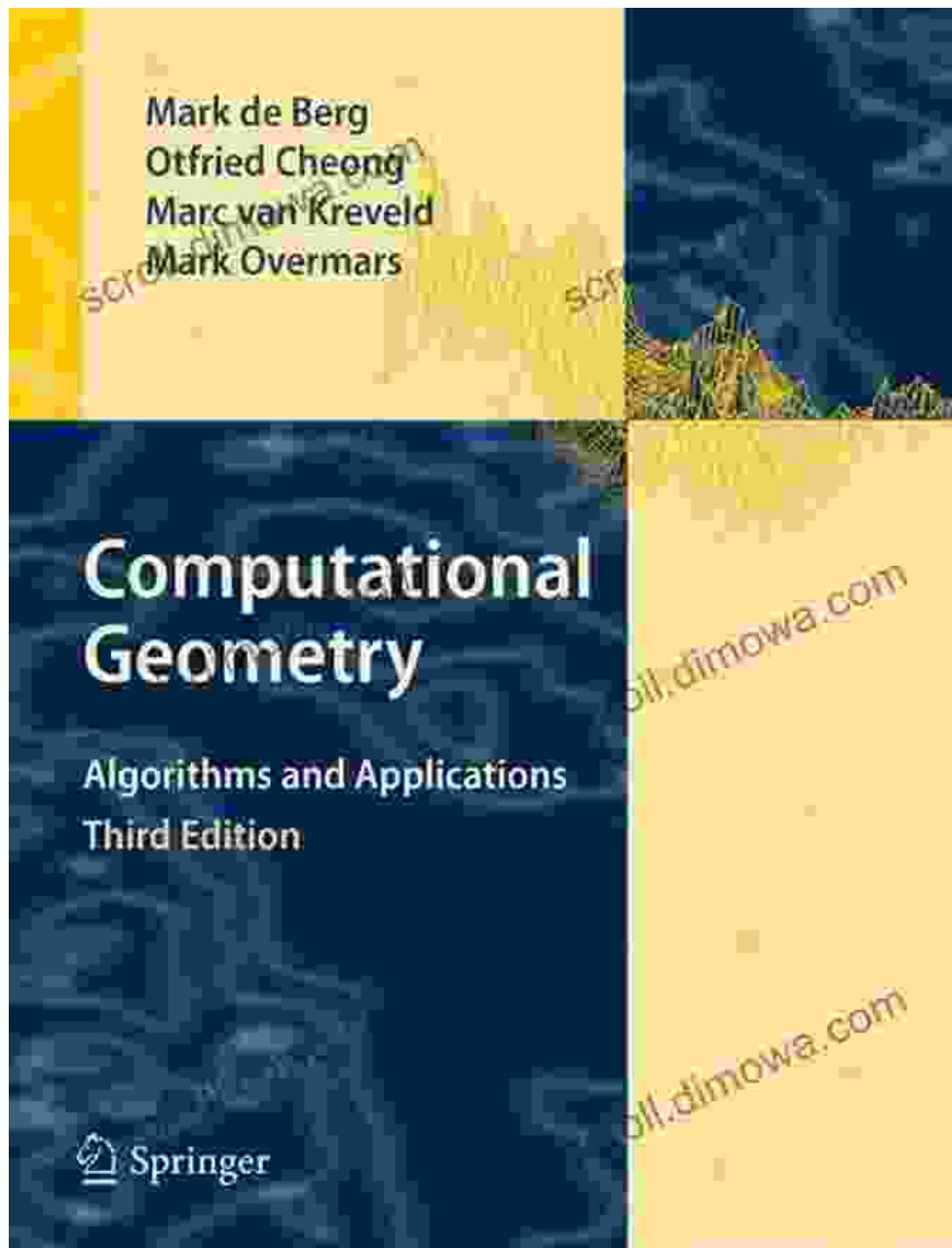
- Comprehensive coverage of fundamental concepts and advanced techniques
- Clear and concise writing style
- Suitable for both undergraduate and graduate students
- Valuable resource for researchers and practitioners

## **Benefits**

- Gain a deep understanding of computational geometry algorithms
- Learn how to apply computational geometry algorithms to solve real-world problems
- Become a more effective researcher or practitioner

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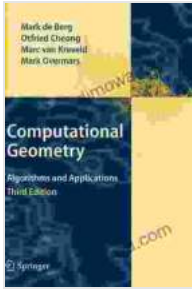


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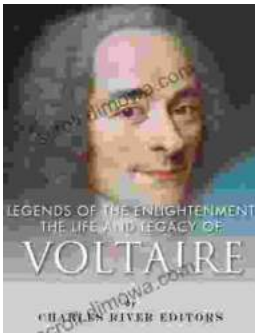
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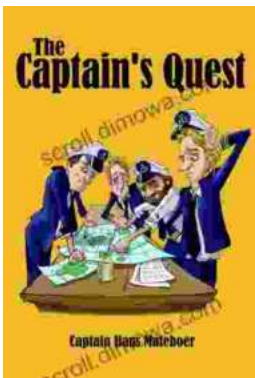


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