

# 09-05-13-ComputationalGeometry

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# 目录



# Chapter 1 Introduction



## Chapter 2 Books

【1】 De Berg, Mark, et al. "Computational geometry: Algorithms and Applications"

【译】 邓俊辉 计算几何：算法与应用

【2】 Schneider, Philip, and David H. Eberly. Geometric tools for computer graphics

【译】 周长发，计算机图形学几何工具算法详解

【3】 周培德 计算几何：算法设计与分析

【4】 Toth, Csaba D., Joseph O'Rourke, and Jacob E. Goodman, eds. Handbook of discrete and computational geometry

【5】 Mulmuley, Ketan. "Computational geometry." An Introduction Through Randomized Algorithms

【6】 Matousek, Jiří. Lectures on discrete geometry. Vol. 212. Springer Science & Business Media

【7】 Computational Geometry: An Introduction (Texts and Monographs in Computer Science)  
by Franco P. Preparata (Author), Michael I. Shamos (Author)

Polygon Mesh Processing

Computational Geometry - Algorithms and Applications

Handbook of Discrete and Computational Geometry

Geometric tools for computer graphics

Computational Geometry in C

Computational Geometry: An Introduction

Geometric Algebra for Computer Science - An Object-Oriented Approach to Geometric Computing

Isosurfaces - Geometry, Topology, and Algorithms

Guide to Computational Geometry Processing Foundations, Algorithms, and Methods

Discrete and Computational Geometry

Robust and Error-Free Geometric Computing

Implicit Curves and Surfaces – Mathematics, Data Structures and Algorithms

Computational Geometry – An Introduction Through Randomized Algorithms

Effective Computational Geometry for Curves and Surfaces

Nonlinear Computational Geometry

Handbook of Computer Aided Geometric Design

Computational Geometry on Surfaces – Performing Computational Geometry on the

Geometry for Computer Graphics – Formulae, Examples and Proofs

Introduction to Computing with Geometry

Curves and Surfaces for Computer Graphics



## Chapter 3 计算几何学



## Chapter 4   Else