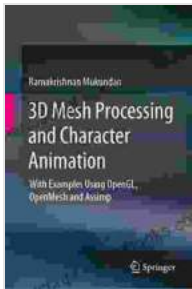


# Mastering Computer Graphics with OpenGL Openmesh and Assimp: A Comprehensive Guide

Computer graphics is a rapidly growing field that has revolutionized the way we interact with technology. From video games to medical imaging, computer graphics plays a vital role in our lives. If you're interested in learning more about this fascinating field, then this book is for you.

## What You'll Learn

In this book, you'll learn the fundamentals of computer graphics, including:



## 3D Mesh Processing and Character Animation: With Examples Using OpenGL, OpenMesh and Assimp

by Ramakrishnan Mukundan

★★★★☆ 4.7 out of 5

Language : English

File size : 53001 KB

Text-to-Speech : Enabled

Screen Reader : Supported

Enhanced typesetting : Enabled

Print length : 324 pages



- 3D modeling
- 3D rendering
- 3D animation

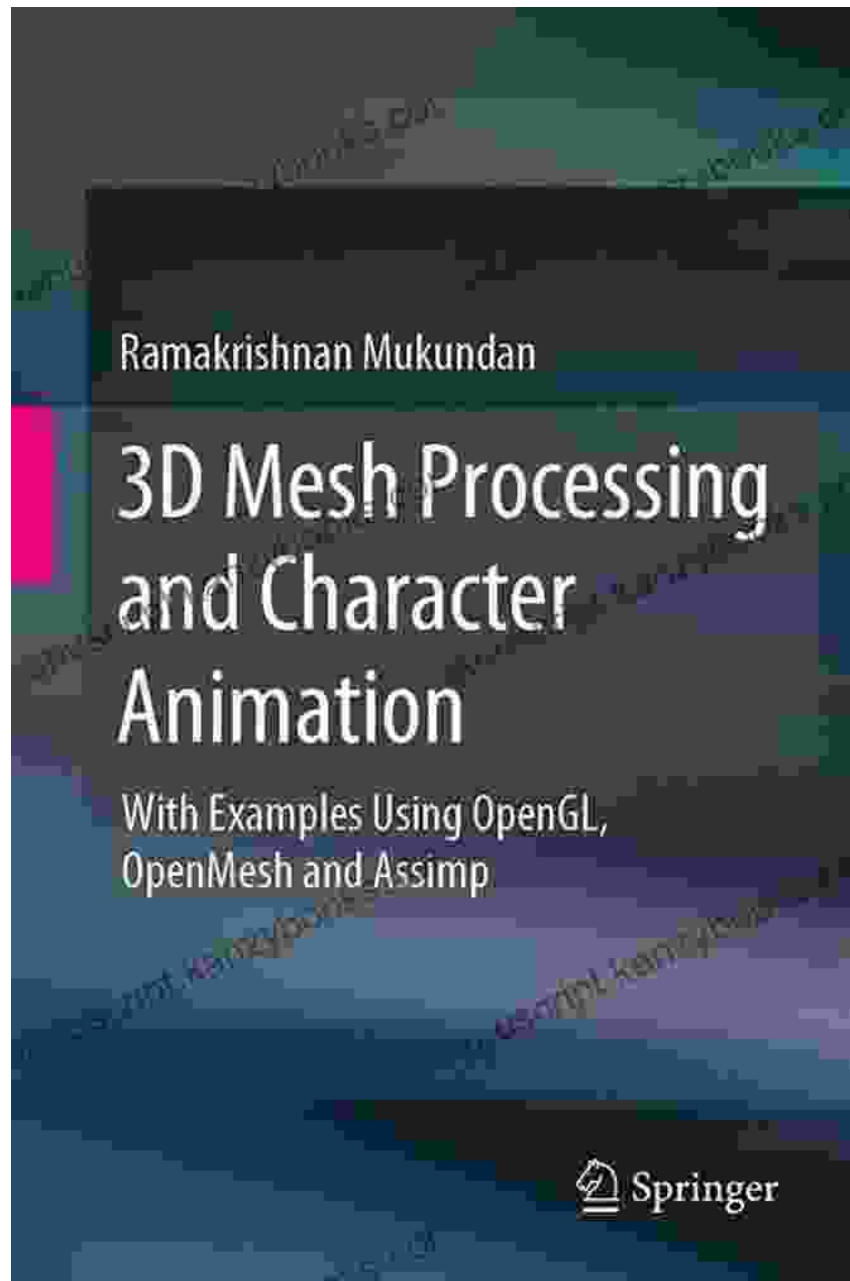
You'll also learn how to use three powerful tools for computer graphics development: OpenGL, OpenMesh, and Assimp.

## OpenGL



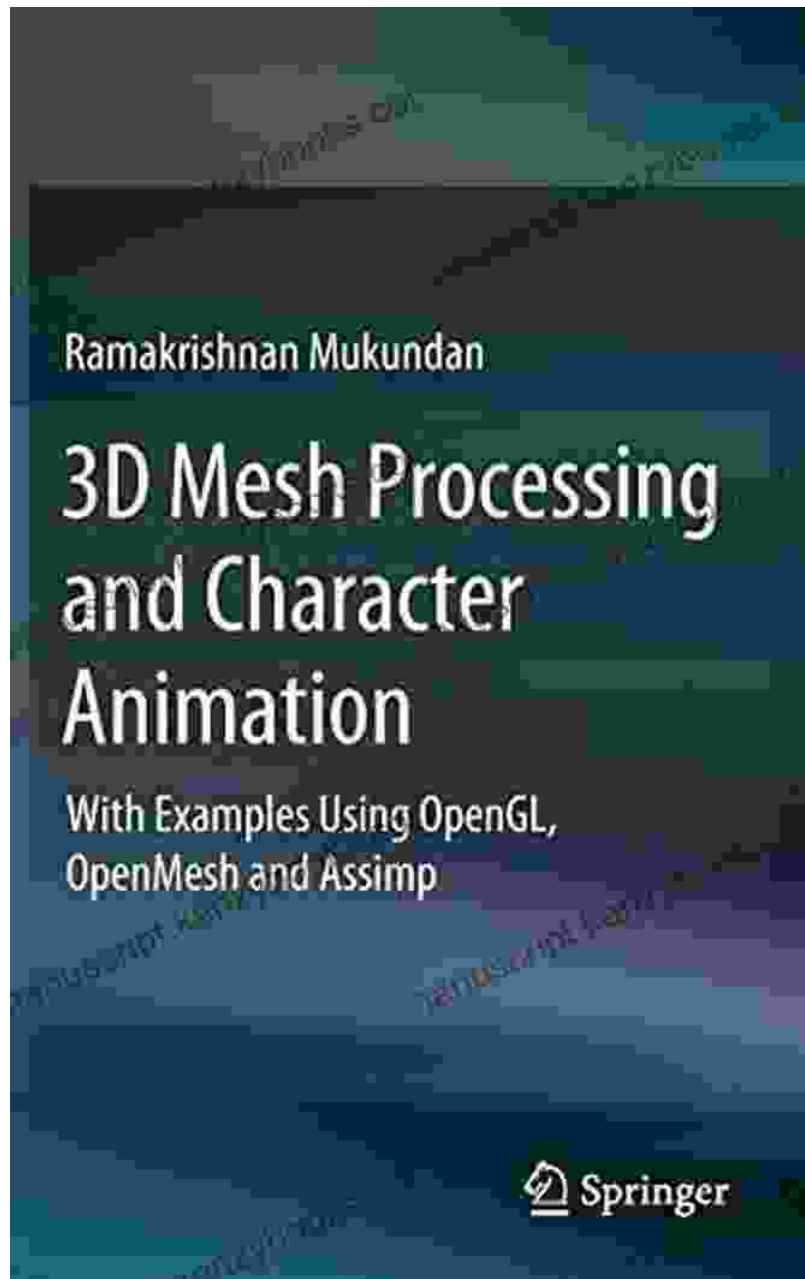
OpenGL is a cross-platform graphics API that allows you to create and render 3D graphics. It's a powerful tool that can be used to create everything from video games to medical imaging applications.

## OpenMesh



OpenMesh is a C++ library that provides a set of data structures and algorithms for working with 3D meshes. It's a powerful tool that can be used to create and manipulate 3D models.

## **Assimp**



Assimp is a C++ library that can be used to import 3D models from a variety of file formats. It's a powerful tool that can be used to load 3D models into your OpenGL applications.

### **Who This Book Is For**

This book is for anyone who wants to learn more about computer graphics. Whether you're a beginner or an experienced professional, this book has something to offer you.

## What's Included

This book includes:

- Over 300 pages of content
- Dozens of code examples
- Hundreds of full-color illustrations

## Free Download Your Copy Today

Don't wait any longer to learn about computer graphics. Free Download your copy of this book today!

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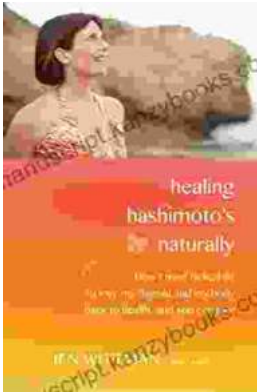
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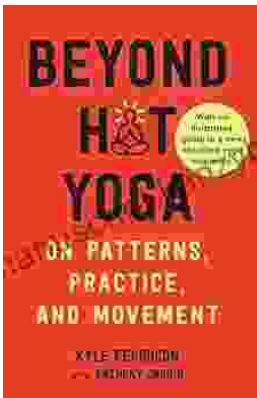
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