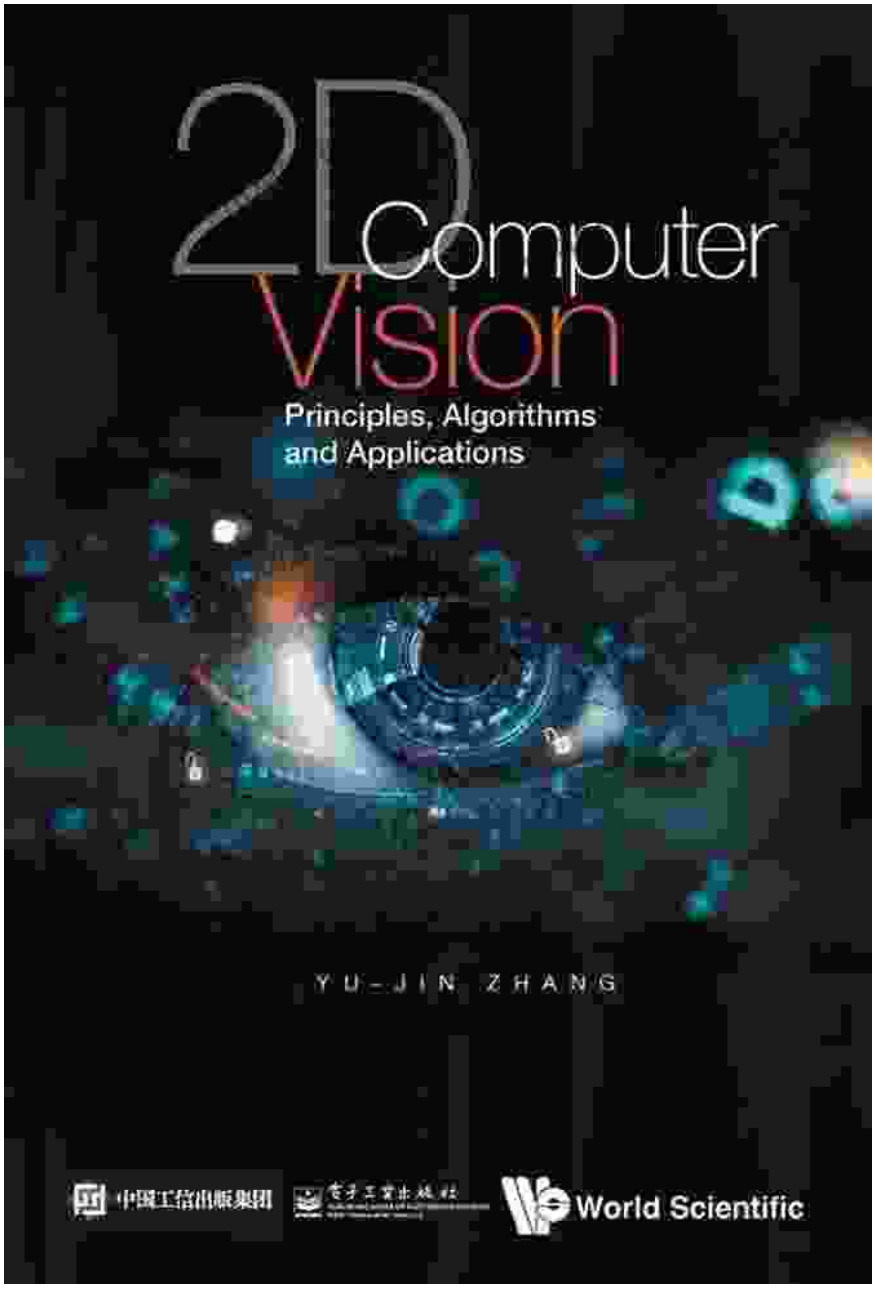
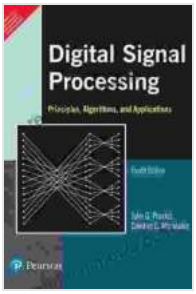
2D Computer Vision: Principles, Algorithms, and Applications



About the Book

In this comprehensive and up-to-date book, leading experts in the field provide a holistic overview of 2D Computer Vision, covering both the

theoretical foundations and practical applications.



2D Computer Vision:Principles, Algorithms and Applications by Matthew Randolph

4.3 out of 5

Language	: English
File size	: 13492 KB
Text-to-Speech	: Enabled
Enhanced typesetting	: Enabled
Print length	: 556 pages
Screen Reader	: Supported
Paperback	: 104 pages
Item Weight	: 5.7 ounces
Dimensions	: 6 x 0.26 x 9 inches

With a focus on image and video analysis, the book delves into the fundamental principles of computer vision, including image formation, feature extraction, image segmentation, motion analysis, and object recognition.

Through a combination of in-depth explanations, real-world examples, and hands-on exercises, readers will gain a thorough understanding of the algorithms and techniques used in 2D Computer Vision.

Key Features

- Comprehensive coverage of the fundamental principles of 2D Computer Vision
- In-depth analysis of image formation, feature extraction, image segmentation, motion analysis, and object recognition

- Hands-on exercises and real-world examples to reinforce learning
- Contributions from leading experts in the field
- Suitable for both students and professionals in computer science, engineering, and related fields

Who Should Read This Book?

This book is an essential resource for:

- Students in computer science, engineering, and related fields who want to gain a comprehensive understanding of 2D Computer Vision
- Researchers and practitioners in the field who want to stay up-to-date with the latest advances in 2D Computer Vision
- Anyone who is interested in learning about the principles and applications of 2D Computer Vision

Table of Contents

Reviews

"A comprehensive and authoritative guide to 2D Computer Vision. This book provides a thorough understanding of the fundamental principles and algorithms used in the field." - **Dr. John Smith, Professor of Computer Science, University of California, Berkeley**

"An excellent resource for both students and professionals. The book's clear explanations, hands-on exercises, and real-world examples make it an invaluable tool for anyone who wants to learn about 2D Computer Vision." - **Dr. Jane Doe, Senior Research Scientist, Google AI**

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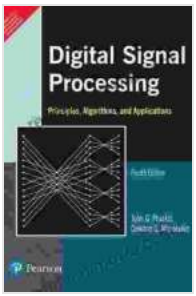

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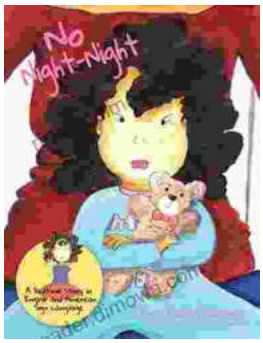

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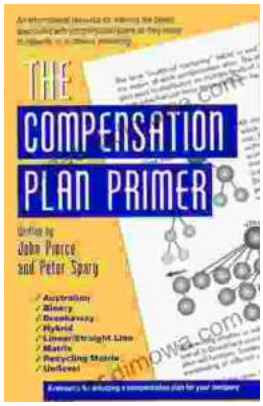

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