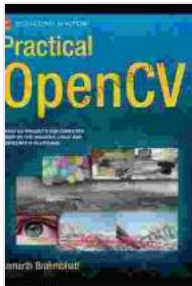


Practical OpenCV Technology In Action



Practical OpenCV (Technology in Action)

by Samarth Brahmbhatt

★★★★☆ 4 out of 5

Language : English

File size : 7848 KB

Text-to-Speech : Enabled

Enhanced typesetting : Enabled

Screen Reader : Supported

Print length : 246 pages

Paperback : 30 pages

Item Weight : 3.84 ounces

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Master the Fundamentals and Unleash the Potential of Computer Vision



In the realm of computer science and engineering, OpenCV technology stands as a cornerstone of image processing, computer vision, and machine learning algorithms. With its vast capabilities, OpenCV empowers developers to create innovative applications that solve real-world problems.

Our comprehensive guide, "Practical OpenCV Technology In Action," delves into the intricacies of this cutting-edge technology, providing a thorough understanding of its concepts, applications, and practical implementations. Whether you're a seasoned professional or a novice enthusiast, this book will guide you through the fundamentals and unlock the potential of OpenCV.

Key Features:

- **Comprehensive Coverage:** A comprehensive exploration of OpenCV's core concepts, algorithms, and applications.
- **Hands-On Examples:** Numerous practical examples and real-world scenarios to reinforce learning and foster hands-on experience.
- **Step-by-Step Instructions:** Clear and detailed instructions to guide you through each step of OpenCV implementation.
- **Expert Insights:** Contributions from industry experts sharing their knowledge and best practices.
- **Project-Based Approach:** Hands-on projects to apply your knowledge and build complete OpenCV applications.

Table of Contents:

1. **to OpenCV:** A comprehensive overview of the OpenCV library, its history, and applications.

2. **Image Processing Fundamentals:** In-depth coverage of image acquisition, manipulation, and enhancement techniques.
3. **Object Detection and Recognition:** Advanced algorithms for detecting and recognizing objects in images and videos.
4. **Machine Learning with OpenCV:** Integration of machine learning techniques for image and video analysis.
5. **Advanced Applications:** Practical examples of OpenCV applications in areas such as robotics, surveillance, and medical imaging.
6. **Case Studies and Projects:** Real-world case studies and hands-on projects to showcase the practical applications of OpenCV.

Who Should Read This Book?

Our guide is tailored for a wide audience, including:

- Computer science students and researchers
- Engineering professionals
- Software developers
- Artificial intelligence enthusiasts
- Anyone interested in the practical applications of OpenCV technology

Benefits of Reading This Book:

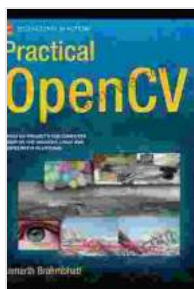
- Gain a comprehensive understanding of OpenCV's core concepts and algorithms.
- Develop practical skills in image processing, object detection, and machine learning with OpenCV.

- Learn from industry experts and stay up-to-date with the latest advancements in OpenCV technology.
- Empower yourself to build innovative and real-world OpenCV applications.
- Advance your career in computer science, engineering, or artificial intelligence.

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Don't miss out on the opportunity to master OpenCV technology and unlock its vast potential. Free Download your copy of "Practical OpenCV Technology In Action" today and embark on a journey of discovery and innovation.

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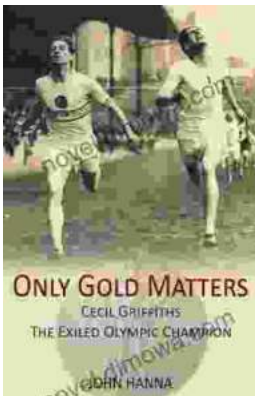
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