

Springer

1st  
edition1st ed. 2019, XVI, 224 p.  
113 illus., 92 illus. in color.**Printed book**

Hardcover

**Printed book**

Hardcover

ISBN 978-981-10-5151-7

\$ 139,99

Available

**Discount group**

Professional Books (2)

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Contributed volume

Computer Science : Image Processing and Computer Vision

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# Deep Learning in Object Detection and Recognition

- Discusses recent developments in deep learning and its applications in object detection and recognition
- Covers key tasks of computer vision, including object detection, face detection, face recognition, 3D object recognition and image retrieval
- Includes contributions written by leading experts in the respective fields
- Provides several illustrations and experimental results explaining the different methods

This book discusses recent advances in object detection and recognition using deep learning methods, which have achieved great success in the field of computer vision and image processing. It provides a systematic and methodical overview of the latest developments in deep learning theory and its applications to computer vision, illustrating them using key topics, including object detection, face analysis, 3D object recognition, and image retrieval. The book offers a rich blend of theory and practice. It is suitable for students, researchers and practitioners interested in deep learning, computer vision and beyond and can also be used as a reference book. The comprehensive comparison of various deep-learning applications helps readers with a basic understanding of machine learning and calculus grasp the theories and inspires applications in other computer vision tasks.

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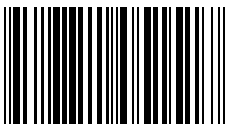
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