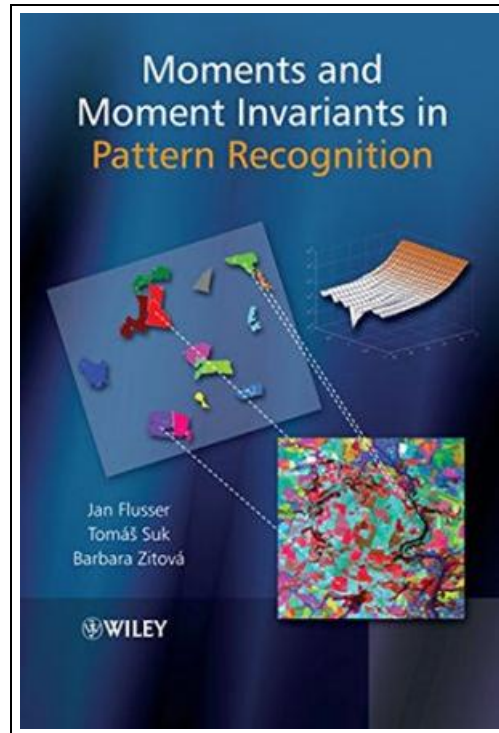


Moments and Moment Invariants in Pattern Recognition (Hardback)



Filesize: 8.11 MB

Reviews

*It is really an remarkable book which i have ever go through. It can be writter in simple terms and not difficult to understand. I am just effortlessly can get a enjoyment of reading a composed pdf.
(Dr. Lily Wunsch II)*

MOMENTS AND MOMENT INVARIANTS IN PATTERN RECOGNITION (HARDBACK)



To download **Moments and Moment Invariants in Pattern Recognition (Hardback)** PDF, make sure you refer to the link listed below and download the file or have accessibility to other information that are relevant to MOMENTS AND MOMENT INVARIANTS IN PATTERN RECOGNITION (HARDBACK) ebook.

John Wiley and Sons Ltd, United States, 2009. Hardback. Condition: New. Language: English . Brand New Book. Moments as projections of an image s intensity onto a proper polynomial basis can be applied to many different aspects of image processing. These include invariant pattern recognition, image normalization, image registration, focus/ defocus measurement, and watermarking. This book presents a survey of both recent and traditional image analysis and pattern recognition methods, based on image moments, and offers new concepts of invariants to linear filtering and implicit invariants. In addition to the theory, attention is paid to efficient algorithms for moment computation in a discrete domain, and to computational aspects of orthogonal moments. The authors also illustrate the theory through practical examples, demonstrating moment invariants in real applications across computer vision, remote sensing and medical imaging. Key features: Presents a systematic review of the basic definitions and properties of moments covering geometric moments and complex moments. Considers invariants to traditional transforms -- translation, rotation, scaling, and affine transform - from a new point of view, which offers new possibilities of designing optimal sets of invariants. Reviews and extends a recent field of invariants with respect to convolution/blurring. Introduces implicit moment invariants as a tool for recognizing elastically deformed objects. Compares various classes of orthogonal moments (Legendre, Zernike, Fourier-Mellin, Chebyshev, among others) and demonstrates their application to image reconstruction from moments. Offers comprehensive advice on the construction of various invariants illustrated with practical examples. Includes an accompanying website providing efficient numerical algorithms for moment computation and for constructing invariants of various kinds, with about 250 slides suitable for a graduate university course. Moments and Moment Invariants in Pattern Recognition is ideal for researchers and engineers involved in pattern recognition in medical imaging, remote sensing, robotics and computer vision. Post graduate students in image...



[Read Moments and Moment Invariants in Pattern Recognition \(Hardback\) Online](#)



[Download PDF Moments and Moment Invariants in Pattern Recognition \(Hardback\)](#)

Other eBooks



[PDF] A Kindergarten Manual for Jewish Religious Schools; Teacher s Text Book for Use in School and Home

Follow the link below to download and read "A Kindergarten Manual for Jewish Religious Schools; Teacher s Text Book for Use in School and Home" PDF file.

[Save Book](#)

»



[PDF] Music for Children with Hearing Loss: A Resource for Parents and Teachers

Follow the link below to download and read "Music for Children with Hearing Loss: A Resource for Parents and Teachers" PDF file.

[Save Book](#)

»



[PDF] Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 6: Gran s New Blue Shoes (Hardback)

Follow the link below to download and read "Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 6: Gran s New Blue Shoes (Hardback)" PDF file.

[Save Book](#)

»



[PDF] The Trouble with Trucks: First Reading Book for 3 to 5 Year Olds

Follow the link below to download and read "The Trouble with Trucks: First Reading Book for 3 to 5 Year Olds" PDF file.

[Save Book](#)

»



[PDF] Dont Line Their Pockets With Gold Line Your Own A Small How To Book on Living Large

Follow the link below to download and read "Dont Line Their Pockets With Gold Line Your Own A Small How To Book on Living Large" PDF file.

[Save Book](#)

»



[PDF] Children s Handwriting Book of Alphabets and Numbers: Over 4,000 Tracing Units for the Beginning Writer

Follow the link below to download and read "Children s Handwriting Book of Alphabets and Numbers: Over 4,000 Tracing Units for the Beginning Writer" PDF file.

[Save Book](#)

»