



Face Recognition Across the Imaging Spectrum

From Springer

Download now

Read Online 

Face Recognition Across the Imaging Spectrum From Springer

This authoritative text/reference presents a comprehensive review of algorithms and techniques for face recognition (FR), with an emphasis on systems that can be reliably used in operational environments. Insights are provided by an international team of pre-eminent experts into the processing of multispectral and hyperspectral face images captured under uncontrolled environments. These discussions cover a variety of imaging sensors ranging from state-of-the-art visible and infrared imaging sensors, to RGB-D and mobile phone image sensors. A range of different biometric modalities are also examined, including face, periocular and iris. This timely volume is a mine of useful information for researchers, practitioners and students involved in image processing, computer vision, biometrics and security.

 [Download Face Recognition Across the Imaging Spectrum ...pdf](#)

 [Read Online Face Recognition Across the Imaging Spectrum ...pdf](#)

Face Recognition Across the Imaging Spectrum

From Springer

Face Recognition Across the Imaging Spectrum From Springer

This authoritative text/reference presents a comprehensive review of algorithms and techniques for face recognition (FR), with an emphasis on systems that can be reliably used in operational environments.

Insights are provided by an international team of pre-eminent experts into the processing of multispectral and hyperspectral face images captured under uncontrolled environments. These discussions cover a variety of imaging sensors ranging from state-of-the-art visible and infrared imaging sensors, to RGB-D and mobile phone image sensors. A range of different biometric modalities are also examined, including face, periocular and iris. This timely volume is a mine of useful information for researchers, practitioners and students involved in image processing, computer vision, biometrics and security.

Face Recognition Across the Imaging Spectrum From Springer Bibliography

- Sales Rank: #4933588 in Books
- Published on: 2016-02-13
- Original language: English
- Number of items: 1
- Dimensions: 9.21" h x .88" w x 6.14" l, .0 pounds
- Binding: Hardcover
- 383 pages



[Download Face Recognition Across the Imaging Spectrum ...pdf](#)



[Read Online Face Recognition Across the Imaging Spectrum ...pdf](#)

Editorial Review

From the Back Cover

This authoritative text/reference presents a comprehensive review of algorithms and techniques for face recognition (FR), with an emphasis on systems that can be reliably used in operational environments. Insights are provided by an international team of pre-eminent experts into the processing of multispectral and hyperspectral face images captured under uncontrolled environments. These discussions cover a variety of imaging sensors ranging from state-of-the-art visible and infrared imaging sensors, to RGB-D and mobile phone image sensors. A range of different biometric modalities are also examined, including face, periocular and iris.

Topics and features:

- Presents a detailed introduction to the spectral imaging of human skin, and describes the data collection of multispectral and hyperspectral face images
- Covers a range of face-based identification technologies addressing challenges in the processing of face images in visible and infrared spectral bands
- Provides an overview of spoofing attacks and counter-measures for FR systems, and analyzes the effects of digital image alterations on FR algorithms
- Investigates the processing of degraded face photographs from ID documents, and examines mobile FR in still images and video sequences
- Proposes a state-of-the-art RGB-D FR algorithm, and suggests algorithms for 3D-based FR as well as techniques blending 2D and 3D data
- Discusses score normalization methods, and explores the use of patterns in the sclera in order to improve the robustness of iris recognition systems

This timely volume is a mine of useful information for researchers, practitioners and students involved in image processing, computer vision, biometrics and security.

Dr. Thirimachos Bourlai is an Assistant Professor in the Lane Department of Computer Science and Electrical Engineering at West Virginia University, Morgantown, WV, USA.

Users Review

From reader reviews:

David Russell:

The book Face Recognition Across the Imaging Spectrum can give more knowledge and also the precise product information about everything you want. So just why must we leave the great thing like a book Face Recognition Across the Imaging Spectrum? A few of you have a different opinion about book. But one aim this book can give many data for us. It is absolutely appropriate. Right now, try to closer together with your book. Knowledge or data that you take for that, it is possible to give for each other; you are able to share all of these. Book Face Recognition Across the Imaging Spectrum has simple shape nevertheless, you know: it

has great and massive function for you. You can search the enormous world by available and read a book. So it is very wonderful.

Adam Allen:

Now a day those who Living in the era where everything reachable by connect to the internet and the resources inside it can be true or not call for people to be aware of each facts they get. How individuals to be smart in having any information nowadays? Of course the reply is reading a book. Examining a book can help individuals out of this uncertainty Information mainly this Face Recognition Across the Imaging Spectrum book because book offers you rich facts and knowledge. Of course the info in this book hundred pct guarantees there is no doubt in it you may already know.

Santiago Bronson:

Your reading 6th sense will not betray you actually, why because this Face Recognition Across the Imaging Spectrum book written by well-known writer whose to say well how to make book which can be understand by anyone who also read the book. Written throughout good manner for you, dripping every ideas and producing skill only for eliminate your personal hunger then you still doubt Face Recognition Across the Imaging Spectrum as good book but not only by the cover but also from the content. This is one e-book that can break don't ascertain book by its protect, so do you still needing an additional sixth sense to pick this!? Oh come on your reading through sixth sense already said so why you have to listening to one more sixth sense.

Allison Larson:

Are you kind of active person, only have 10 as well as 15 minute in your day to upgrading your mind proficiency or thinking skill actually analytical thinking? Then you are having problem with the book as compared to can satisfy your short period of time to read it because this all time you only find guide that need more time to be go through. Face Recognition Across the Imaging Spectrum can be your answer mainly because it can be read by you actually who have those short time problems.

Download and Read Online Face Recognition Across the Imaging Spectrum From Springer #TN8FEA1BV0S

Read Face Recognition Across the Imaging Spectrum From Springer for online ebook

Face Recognition Across the Imaging Spectrum From Springer Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Face Recognition Across the Imaging Spectrum From Springer books to read online.

Online Face Recognition Across the Imaging Spectrum From Springer ebook PDF download

Face Recognition Across the Imaging Spectrum From Springer Doc

Face Recognition Across the Imaging Spectrum From Springer Mobipocket

Face Recognition Across the Imaging Spectrum From Springer EPub

TN8FEA1BV0S: Face Recognition Across the Imaging Spectrum From Springer