



Human Recognition at a Distance in Video (Advances in Computer Vision and Pattern Recognition)

Bir Bhanu, Ju Han

Download now

[Click here](#) if your download doesn't start automatically

Human Recognition at a Distance in Video (Advances in Computer Vision and Pattern Recognition)

Bir Bhanu, Ju Han

Human Recognition at a Distance in Video (Advances in Computer Vision and Pattern Recognition)

Bir Bhanu, Ju Han

Most biometric systems employed for human recognition require physical contact with, or close proximity to, a cooperative subject. Far more challenging is the ability to reliably recognize individuals at a distance, when viewed from an arbitrary angle under real-world environmental conditions. Gait and face data are the two biometrics that can be most easily captured from a distance using a video camera.

This comprehensive and logically organized text/reference addresses the fundamental problems associated with gait and face-based human recognition, from color and infrared video data that are acquired from a distance. It examines both model-free and model-based approaches to gait-based human recognition, including newly developed techniques where the both the model and the data (obtained from multiple cameras) are in 3D. In addition, the work considers new video-based techniques for face profile recognition, and for the super-resolution of facial imagery obtained at different angles. Finally, the book investigates integrated systems that detect and fuse both gait and face biometrics from video data.

Topics and features: discusses a framework for human gait analysis based on Gait Energy Image, a spatio-temporal gait representation; evaluates the discriminating power of model-based gait features using Bayesian statistical analysis; examines methods for human recognition using 3D gait biometrics, and for moving-human detection using both color and thermal image sequences; describes approaches for the integration face profile and gait biometrics, and for super-resolution of frontal and side-view face images; introduces an objective non-reference quality evaluation algorithm for super-resolved images; presents performance comparisons between different biometrics and different fusion methods for integrating gait and super-resolved face from video.

This unique and authoritative text is an invaluable resource for researchers and graduate students of computer vision, pattern recognition and biometrics. The book will also be of great interest to professional engineers of biometric systems.

 [Download Human Recognition at a Distance in Video \(Advances in C ...pdf](#)

 [Read Online Human Recognition at a Distance in Video \(Advances in ...pdf](#)

Download and Read Free Online Human Recognition at a Distance in Video (Advances in Computer Vision and Pattern Recognition) Bir Bhanu, Ju Han

Download and Read Free Online Human Recognition at a Distance in Video (Advances in Computer Vision and Pattern Recognition) Bir Bhanu, Ju Han

From reader reviews:

Ruby Carter:

This Human Recognition at a Distance in Video (Advances in Computer Vision and Pattern Recognition) book is simply not ordinary book, you have after that it the world is in your hands. The benefit you receive by reading this book is information inside this reserve incredible fresh, you will get info which is getting deeper anyone read a lot of information you will get. This kind of Human Recognition at a Distance in Video (Advances in Computer Vision and Pattern Recognition) without we realize teach the one who looking at it become critical in pondering and analyzing. Don't always be worry Human Recognition at a Distance in Video (Advances in Computer Vision and Pattern Recognition) can bring any time you are and not make your case space or bookshelves' grow to be full because you can have it in the lovely laptop even mobile phone. This Human Recognition at a Distance in Video (Advances in Computer Vision and Pattern Recognition) having very good arrangement in word and also layout, so you will not truly feel uninterested in reading.

Charles Carey:

The actual book Human Recognition at a Distance in Video (Advances in Computer Vision and Pattern Recognition) will bring you to definitely the new experience of reading any book. The author style to describe the idea is very unique. In the event you try to find new book to learn, this book very appropriate to you. The book Human Recognition at a Distance in Video (Advances in Computer Vision and Pattern Recognition) is much recommended to you to read. You can also get the e-book in the official web site, so you can easier to read the book.

Rosalind Huffman:

You may get this Human Recognition at a Distance in Video (Advances in Computer Vision and Pattern Recognition) by check out the bookstore or Mall. Just simply viewing or reviewing it can to be your solve trouble if you get difficulties on your knowledge. Kinds of this reserve are various. Not only by means of written or printed but in addition can you enjoy this book by e-book. In the modern era like now, you just looking by your local mobile phone and searching what their problem. Right now, choose your personal ways to get more information about your e-book. It is most important to arrange you to ultimately make your knowledge are still update. Let's try to choose correct ways for you.

Candace Edwards:

A lot of reserve has printed but it takes a different approach. You can get it by internet on social media. You can choose the most effective book for you, science, comic, novel, or whatever simply by searching from it. It is known as of book Human Recognition at a Distance in Video (Advances in Computer Vision and Pattern Recognition). You can add your knowledge by it. Without leaving behind the printed book, it could add your knowledge and make a person happier to read. It is most important that, you must aware about

book. It can bring you from one spot to other place.

**Download and Read Online Human Recognition at a Distance in
Video (Advances in Computer Vision and Pattern Recognition) Bir
Bhanu, Ju Han #R0618LTMUQK**

Read Human Recognition at a Distance in Video (Advances in Computer Vision and Pattern Recognition) by Bir Bhanu, Ju Han for online ebook

Human Recognition at a Distance in Video (Advances in Computer Vision and Pattern Recognition) by Bir Bhanu, Ju Han 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 Human Recognition at a Distance in Video (Advances in Computer Vision and Pattern Recognition) by Bir Bhanu, Ju Han books to read online.

Online Human Recognition at a Distance in Video (Advances in Computer Vision and Pattern Recognition) by Bir Bhanu, Ju Han ebook PDF download

Human Recognition at a Distance in Video (Advances in Computer Vision and Pattern Recognition) by Bir Bhanu, Ju Han Doc

Human Recognition at a Distance in Video (Advances in Computer Vision and Pattern Recognition) by Bir Bhanu, Ju Han Mobipocket

Human Recognition at a Distance in Video (Advances in Computer Vision and Pattern Recognition) by Bir Bhanu, Ju Han EPub