



Computer Vision Using Local Binary Patterns: 40 (Computational Imaging and Vision)

Matti Pietikäinen, Abdenour Hadid, Guoying Zhao, Timo Ahonen

Download now

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

Computer Vision Using Local Binary Patterns: 40 (Computational Imaging and Vision)

Matti Pietikäinen, Abdenour Hadid, Guoying Zhao, Timo Ahonen

Computer Vision Using Local Binary Patterns: 40 (Computational Imaging and Vision) Matti Pietikäinen, Abdenour Hadid, Guoying Zhao, Timo Ahonen

The recent emergence of Local Binary Patterns (LBP) has led to significant progress in applying texture methods to various computer vision problems and applications. The focus of this research has broadened from 2D textures to 3D textures and spatiotemporal (dynamic) textures. Also, where texture was once utilized for applications such as remote sensing, industrial inspection and biomedical image analysis, the introduction of LBP-based approaches have provided outstanding results in problems relating to face and activity analysis, with future scope for face and facial expression recognition, biometrics, visual surveillance and video analysis.

Computer Vision Using Local Binary Patterns provides a detailed description of the LBP methods and their variants both in spatial and spatiotemporal domains. This comprehensive reference also provides an excellent overview as to how texture methods can be utilized for solving different kinds of computer vision and image analysis problems. Source codes of the basic LBP algorithms, demonstrations, some databases and a comprehensive LBP bibliography can be found from an accompanying web site.

Topics include: local binary patterns and their variants in spatial and spatiotemporal domains, texture classification and segmentation, description of interest regions, applications in image retrieval and 3D recognition - Recognition and segmentation of dynamic textures, background subtraction, recognition of actions, face analysis using still images and image sequences, visual speech recognition and LBP in various applications.

Written by pioneers of LBP, this book is an essential resource for researchers, professional engineers and graduate students in computer vision, image analysis and pattern recognition. The book will also be of interest to all those who work with specific applications of machine vision.

 [Download Computer Vision Using Local Binary Patterns: 40 \(C ...pdf](#)

 [Read Online Computer Vision Using Local Binary Patterns: 40 ...pdf](#)

Download and Read Free Online Computer Vision Using Local Binary Patterns: 40 (Computational Imaging and Vision) Matti Pietikäinen, Abdenour Hadid, Guoying Zhao, Timo Ahonen

From reader reviews:

Luther Roberts:

The book Computer Vision Using Local Binary Patterns: 40 (Computational Imaging and Vision) gives you the sense of being enjoy for your spare time. You may use to make your capable considerably more increase. Book can for being your best friend when you getting anxiety or having big problem using your subject. If you can make looking at a book Computer Vision Using Local Binary Patterns: 40 (Computational Imaging and Vision) being your habit, you can get a lot more advantages, like add your own capable, increase your knowledge about a number of or all subjects. You may know everything if you like start and read a publication Computer Vision Using Local Binary Patterns: 40 (Computational Imaging and Vision). Kinds of book are a lot of. It means that, science guide or encyclopedia or other individuals. So , how do you think about this e-book?

Trevor Cianciolo:

You may spend your free time to learn this book this book. This Computer Vision Using Local Binary Patterns: 40 (Computational Imaging and Vision) is simple bringing you can read it in the recreation area, in the beach, train in addition to soon. If you did not have got much space to bring typically the printed book, you can buy the actual e-book. It is make you simpler to read it. You can save typically the book in your smart phone. Therefore there are a lot of benefits that you will get when one buys this book.

Rodney Richardson:

Many people spending their time frame by playing outside using friends, fun activity using family or just watching TV all day long. You can have new activity to shell out your whole day by examining a book. Ugh, ya think reading a book will surely hard because you have to use the book everywhere? It okay you can have the e-book, bringing everywhere you want in your Mobile phone. Like Computer Vision Using Local Binary Patterns: 40 (Computational Imaging and Vision) which is keeping the e-book version. So , try out this book? Let's notice.

Don Numbers:

E-book is one of source of expertise. We can add our knowledge from it. Not only for students but additionally native or citizen have to have book to know the revise information of year to be able to year. As we know those books have many advantages. Beside many of us add our knowledge, may also bring us to around the world. Through the book Computer Vision Using Local Binary Patterns: 40 (Computational Imaging and Vision) we can acquire more advantage. Don't you to be creative people? To get creative person must love to read a book. Only choose the best book that appropriate with your aim. Don't end up being doubt to change your life at this time book Computer Vision Using Local Binary Patterns: 40 (Computational Imaging and Vision). You can more pleasing than now.

**Download and Read Online Computer Vision Using Local Binary
Patterns: 40 (Computational Imaging and Vision) Matti Pietikäinen,
Abdenour Hadid, Guoying Zhao, Timo Ahonen #2FI3SOP047T**

Read Computer Vision Using Local Binary Patterns: 40 (Computational Imaging and Vision) by Matti Pietikäinen, Abdenour Hadid, Guoying Zhao, Timo Ahonen for online ebook

Computer Vision Using Local Binary Patterns: 40 (Computational Imaging and Vision) by Matti Pietikäinen, Abdenour Hadid, Guoying Zhao, Timo Ahonen 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 Computer Vision Using Local Binary Patterns: 40 (Computational Imaging and Vision) by Matti Pietikäinen, Abdenour Hadid, Guoying Zhao, Timo Ahonen books to read online.

Online Computer Vision Using Local Binary Patterns: 40 (Computational Imaging and Vision) by Matti Pietikäinen, Abdenour Hadid, Guoying Zhao, Timo Ahonen ebook PDF download

Computer Vision Using Local Binary Patterns: 40 (Computational Imaging and Vision) by Matti Pietikäinen, Abdenour Hadid, Guoying Zhao, Timo Ahonen Doc

Computer Vision Using Local Binary Patterns: 40 (Computational Imaging and Vision) by Matti Pietikäinen, Abdenour Hadid, Guoying Zhao, Timo Ahonen Mobipocket

Computer Vision Using Local Binary Patterns: 40 (Computational Imaging and Vision) by Matti Pietikäinen, Abdenour Hadid, Guoying Zhao, Timo Ahonen EPub