
Finger Vein Recognition Using Matlab

Advance Concepts of Image Processing and Pattern Recognition
Biometric Recognition
New Trends and Developments in Biometrics
Emerging Technologies in Data Mining and Information Security
Cognition and Recognition
Inventive Computation Technologies
Human-Centric Smart Computing
Biometric Systems
Proceedings of the International Conference on Advanced Intelligent Systems and Informatics 2020
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Intelligent Computing and Communication
INTERNATIONAL CONFERENCE ON ADVANCE RESEARCH IN TECHNOLOGY AND ENGINEERING
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Proceedings of the 8th International Conference on Advanced Intelligent Systems and Informatics 2022

Biometric Recognition
Advanced Biometric Technologies
Computer Vision Systems

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MAREN ASHLEY

*Advance Concepts of Image Processing
and Pattern Recognition* Morgan
Kaufmann

This book constitutes the refereed proceedings of the International Symposium on Security in Computing and Communications, SSCC 2013, held in Mysore, India, in August 2013. The 24 revised full papers presented together with 15 poster papers were carefully reviewed and selected from 111 submissions. The papers cover all aspects of secure computing and communication in networking and distributed systems such as cloud-based data centers.

Biometric Recognition Springer Nature

This proceedings book constitutes the refereed proceedings of the 8th International Conference on Advanced Intelligent Systems and Informatics (AISII 2021), which took place in Cairo, Egypt, during November 20–22, 2022, and is an international interdisciplinary conference that presents a spectrum of scientific research on all aspects of informatics and intelligent systems, technologies, and applications.

**New Trends and Developments in
Biometrics** Springer Nature

This book includes original unpublished contributions presented at the International Conference on Data Analytics and Management (ICDAM 2020), held at Jan Wyzykowski University, Poland, during June 2020. The book covers the topics in data analytics, data management, big data,

computational intelligence, and communication networks. The book presents innovative work by leading academics, researchers, and experts from industry which is useful for young researchers and students.

Emerging Technologies in Data Mining
and Information Security Springer

Biometrics are used widely in various real-life applications today. There are a number of potential biometric applications that include different areas such as personal recognition, identification, verification, and others. It may be needed for safety, security, permission, banking, crime prevention, forensics, medical applications, communication, face finding, and others. This book is specifically dedicated to biometric research, applications, techniques, tools, and algorithms that originate from different fields such as image processing, computer vision, pattern recognition, signal processing, artificial intelligence, intelligent systems, and soft computing. The main objective of this book is to provide the international community with an effective platform in the area of people identity verification and authentication from physiological and behavioral aspects. This publication provides an effective platform for helping and guiding readers, professionals, researchers, academicians, engineers, scientists, and policy makers involved in the area of biometrics.

Cognition and Recognition Springer
Nature

The two-volume set LNAI 12033 and 11034 constitutes the refereed proceedings of the 12th Asian

Conference on Intelligent Information and Database Systems, ACIIDS 2020, held in Phuket, Thailand, in March 2020. The total of 105 full papers accepted for publication in these proceedings were carefully reviewed and selected from 285 submissions. The papers of the first volume are organized in the following topical sections: Knowledge Engineering and Semantic Web, Natural Language Processing, Decision Support and Control Systems, Computer Vision Techniques, Machine Learning and Data Mining, Deep Learning Models, Advanced Data Mining Techniques and Applications, Multiple Model Approach to Machine Learning. The papers of the second volume are divided into these topical sections: Application of Intelligent Methods to Constrained Problems, Automated Reasoning with Applications in Intelligent Systems, Current Trends in Artificial Intelligence, Optimization, Learning, and Decision-Making in Bioinformatics and Bioengineering, Computer Vision and Intelligent Systems, Data Modelling and Processing for Industry 4.0, Intelligent Applications of Internet of Things and Data Analysis Technologies, Intelligent and Contextual Systems, Intelligent Systems and Algorithms in Information Sciences, Intelligent Supply Chains and e-Commerce, Privacy, Security and Trust in Artificial Intelligence, Interactive Analysis of Image, Video and Motion Data in Life Sciences.

Inventive Computation Technologies
Namya Press USA

From past decades, Computational intelligence embraces a number of nature-inspired computational techniques which mainly encompasses fuzzy sets, genetic algorithms, artificial neural networks and hybrid neuro-fuzzy systems to address the computational complexities such as uncertainties,

vagueness and stochastic nature of various computational problems practically. At the same time, Intelligent Control systems are emerging as an innovative methodology which is inspired by various computational intelligence process to promote a control over the systems without the use of any mathematical models. To address the effective use of intelligent control in Computational intelligence systems, International Conference on Intelligent Computing, Information and Control Systems (ICICCS 2019) is initiated to encompass the various research works that helps to develop and advance the next-generation intelligent computing and control systems. This book integrates the computational intelligence and intelligent control systems to provide a powerful methodology for a wide range of data analytics issues in industries and societal applications. The recent research advances in computational intelligence and control systems are addressed, which provide very promising results in various industry, business and societal studies. This book also presents the new algorithms and methodologies for promoting advances in common intelligent computing and control methodologies including evolutionary computation, artificial life, virtual infrastructures, fuzzy logic, artificial immune systems, neural networks and various neuro-hybrid methodologies. This book will be pragmatic for researchers, academicians and students dealing with mathematically intransigent problems. It is intended for both academicians and researchers in the field of Intelligent Computing, Information and Control Systems, along with the distinctive readers in the fields of computational and artificial

intelligence to gain more knowledge on Intelligent computing and control systems and their real-world applications.

Human-Centric Smart Computing

Lulu.com

This book features a collection of high-quality, peer-reviewed papers presented at the Third International Conference on Intelligent Computing and Communication (ICICC 2019) held at the School of Engineering, Dayananda Sagar University, Bengaluru, India, on 7 – 8 June 2019. Discussing advanced and multi-disciplinary research regarding the design of smart computing and informatics, it focuses on innovation paradigms in system knowledge, intelligence and sustainability that can be applied to provide practical solutions to a number of problems in society, the environment and industry. Further, the book also addresses the deployment of emerging computational and knowledge transfer approaches, optimizing solutions in various disciplines of science, technology and healthcare.

Biometric Systems Springer Nature

The book titled 'Use of Internet of Things in Real Life' covers complete case study of Internet of Things Life in real life. The Book contains better concept of understanding to Use of Internet of Things in Real Life.. This Book will also guide on the job reference for IT practitioners in IoT environments.

Proceedings of the International Conference on Advanced Intelligent Systems and Informatics 2020 Springer Nature

The developing peculiarity of the Internet of Things (IoT), which is that any thing equipped for being associated with the Internet will be, presents a remarkable chance for organizations. Utilizing a broad writing audit, the flow

research analyzes the critical change in showcasing techniques that need to happen to focus on the millennial age of as they embrace IoT. Most examination characterizes the Millennial age as those brought into the world from the mid 1980s to the mid 2000s. As people in this age become older, there are two social ramifications: 1) their acknowledgment of innovation proposes they will rush to embrace IoT, and 2) their developing buying power and purchaser conduct make them an optimal objective for advertisers. Recent college grads who take on IoT offer their information all the more eagerly to advertisers and firms, which makes it simpler for advertisers to exactly gather information and target clients more.

Furthermore, IoT gadgets will empower different stages for content promoting that are fundamentally unique in relation to and more successful than a 30 second TV plug or an advanced pennant notice.

Advertising messages will

Biometric Recognition Springer

The methods for human identity authentication based on biometrics - the physiological and behavioural characteristics of a person have been evolving continuously and seen significant improvement in performance and robustness over the last few years. However, most of the systems reported perform well in controlled operating scenarios, and their performance deteriorates significantly under real world operating conditions, and far from satisfactory in terms of robustness and accuracy, vulnerability to fraud and forgery, and use of acceptable and appropriate authentication protocols. To address some challenges, and the requirements of new and emerging applications, and for seamless diffusion of biometrics in society, there is a need

for development of novel paradigms and protocols, and improved algorithms and authentication techniques. This book volume on "Advanced Biometric Technologies" is dedicated to the work being pursued by researchers around the world in this area, and includes some of the recent findings and their applications to address the challenges and emerging requirements for biometric based identity authentication systems. The book consists of 18 Chapters and is divided into four sections namely novel approaches, advanced algorithms, emerging applications and the multimodal fusion. The book was reviewed by editors Dr. Girija Chetty and Dr. Jucheng Yang. We deeply appreciate the efforts of our guest editors: Dr. Norman Poh, Dr. Loris Nanni, Dr. Jianjiang Feng, Dr. Dongsun Park and Dr. Sook Yoon, as well as a number of anonymous reviewers.

Biometric Recognition CRC Press
International Conference on Advance Research in Technology and Engineering – ICARTE'15 is organized by in association with Sri Ranganathar Institute of Engineering and Technology and International Journal for Trends in Engineering & Technology (IJTET). The aim of the conference is to carry together professionals and researchers from academic to industry to achieve their utilization in the areas and to encourage their development with genuine technology methods. The conference theme concentrates to discover the latest technological innovation, trends in technology and engineering and that are experienced by the professionals with the present strict rules and to convert these complications into prospects.

Biometric Systems Springer Nature
This volume constitutes the refereed

proceedings of the Eighth International Conference on Cognition and Recognition, ICCR 2021, held in Mandya, India, in December 2021. The 24 full papers and 9 short papers presented were carefully reviewed and selected from 150 submissions. The ICCR conference aims to bring together leading academic Scientists, Researchers and Research scholars to exchange and share their experiences and research results on all aspects of Computer Vision, Image Processing Machine Learning and Deep Learning Technologies.

Intelligent Computing and Communication Springer Nature
This book features research papers presented at the International Conference on Emerging Technologies in Data Mining and Information Security (IEMIS 2020) held at the University of Engineering & Management, Kolkata, India, during July 2020. The book is organized in three volumes and includes high-quality research work by academicians and industrial experts in the field of computing and communication, including full-length papers, research-in-progress papers and case studies related to all the areas of data mining, machine learning, Internet of things (IoT) and information security.

INTERNATIONAL CONFERENCE ON ADVANCE RESEARCH IN TECHNOLOGY AND ENGINEERING
MDPI

This book presents the proceedings of the 6th International Conference on Advanced Intelligent Systems and Informatics 2020 (AISII2020), which took place in Cairo, Egypt, from October 19 to 21, 2020. This international and interdisciplinary conference, which highlighted essential research and developments in the fields of informatics

and intelligent systems, was organized by the Scientific Research Group in Egypt (SRGE). The book is divided into several sections, covering the following topics: Intelligent Systems, Deep Learning Technology, Document and Sentiment Analysis, Blockchain and Cyber Physical System, Health Informatics and AI against COVID-19, Data Mining, Power and Control Systems, Business Intelligence, Social Media and Digital Transformation, Robotic, Control Design, and Smart Systems.

Advances in Biometrics Springer Nature

This book constitutes the refereed proceedings of the 8th Chinese Conference on Biometric Recognition, CCBR 2013, held in Jinan, China, in November 2013. The 57 revised full papers presented were carefully reviewed and selected from among 100 submissions. The papers address the problems in face, fingerprint, palm print, vein biometrics, iris and ocular biometrics, behavioral biometrics and other related topics, and contribute new ideas to research and development of reliable and practical solutions for biometric authentication.

Intelligent Computing, Information and Control Systems Springer Nature

This book provides a thorough understanding of the integration of computational intelligence with information retrieval including content-based image retrieval using intelligent techniques, hybrid computational intelligence for pattern recognition, intelligent innovative systems, and protecting and analysing big data on cloud platforms. The book aims to investigate how computational intelligence frameworks are going to improve information retrieval systems. The emerging and promising state-of-

the-art of human-computer interaction is the motivation behind this book. The book covers a wide range of topics, starting from the tools and languages of artificial intelligence to its philosophical implications, and thus provides a plethora of theoretical as well as experimental research, along with surveys and impact studies. Further, the book aims to showcase the basics of information retrieval and computational intelligence for beginners, as well as their integration, and challenge discussions for existing practitioners, including using hybrid application of augmented reality, computational intelligence techniques for recommendation systems in big data, and a fuzzy-based approach for characterization and identification of sentiments.

USER BIOMETRICS AUTHENTICATION (Comprehensive Analysis) Springer Science & Business Media

The book explains the important concepts and principles of image processing to implement the algorithms and techniques to discover new problems and applications. It contains numerous fundamental and advanced image processing algorithms and pattern recognition techniques to illustrate the framework. It presents essential background theory, shape methods, texture about new methods, and techniques for image processing and pattern recognition. It maintains a good balance between a mathematical background and practical implementation. This book also contains the comparison table and images that are used to show the results of enhanced techniques. This book consists of novel concepts and hybrid methods for providing effective solutions for society. It also includes a detailed explanation of

algorithms in various programming languages like MATLAB, Python, etc. The security features of image processing like image watermarking and image encryption etc. are also discussed in this book. This book will be useful for those who are working in the field of image processing, pattern recognition, and security for digital images. This book targets researchers, academicians, industry, and professionals from R&D organizations, and students, healthcare professionals working in the field of medical imaging, telemedicine, cybersecurity, data scientist, artificial intelligence, image processing, digital hospital, intelligent medicine.

Data Analytics and Management
Springer Nature

The proceedings of SocProS 2015 will serve as an academic bonanza for scientists and researchers working in the field of Soft Computing. This book contains theoretical as well as practical aspects using fuzzy logic, neural networks, evolutionary algorithms, swarm intelligence algorithms, etc., with many applications under the umbrella of 'Soft Computing'. The book will be beneficial for young as well as experienced researchers dealing across complex and intricate real world problems for which finding a solution by traditional methods is a difficult task. The different application areas covered in the proceedings are: Image Processing, Cryptanalysis, Industrial Optimization, Supply Chain Management, Newly Proposed Nature Inspired Algorithms, Signal Processing, Problems related to Medical and Health Care, Networking Optimization Problems,

etc.

Imaging: Sensors and Technologies MDPI

This book focuses on both theory and applications of Artificial Intelligence and Machine Learning in the broad areas of communication and networking. This book focuses on the ongoing research work and future scope for various open research issues related to sustainable design, development, and analysis of smart communication, 5G and beyond, with the integration of Artificial intelligence and IoT. It addresses fundamental technology components for 5G and beyond, which include modern advancements in communication and networking in a real-world application. The book presents the convergence of Artificial Intelligence, Machine Learning, and IoT with 5G and beyond wireless networks to give some ice-breaking solutions in radio resource allocation, network management, and cybersecurity. This book will be a valuable resource for academicians, researchers, and professionals working in artificial intelligence/machine learning and its applications in communication and 5G.

Biometric Recognition Springer

This book includes high-quality research papers presented at the First International Conference on Human-Centric Smart Computing (ICHSC 2022), organized by the University of Engineering and Management, Jaipur, India, on 27–29 April 2022. The topics covered in the book are human-centric computing, hyper connectivity, and data science. The book presents innovative work by leading academics, researchers, and experts from industry.

Best Sellers - Books :

• [Goodnight Moon](#)

• [I Love You Like No Otter: A Funny And Sweet Board Book For Babies And Toddlers](#)

(punderland) By Rose Rossner

- A Court Of Thorns And Roses (a Court Of Thorns And Roses, 1)
- Things We Hide From The Light (knockemout Series, 2)
- Think And Grow Rich: The Landmark Bestseller Now Revised And Updated For The 21st Century (think And Grow Rich Series)
- Taylor Swift: A Little Golden Book Biography
- Never Lie: An Addictive Psychological Thriller By Freida Mcfadden
- Leigh Howard And The Ghosts Of Simmons-pierce Manor
- Demon Copperhead: A Pulitzer Prize Winner By Barbara Kingsolver
- Outlive: The Science And Art Of Longevity