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**Business Information Systems Workshops** Witold Abramowicz 2015-12-01 This book constitutes the refereed proceedings of the five workshops that were organized in conjunction with the International Conference on Business Information Systems, BIS 2015, which took place in Poznan, Poland, in June 2015. The 26 papers in this volume were carefully reviewed and selected from 56 submissions and were revised and extended after the event. The workshop topics covered knowledge-based business information systems (AKTB), business and IT alignment (BITA), transparency-enhancing technologies and privacy dashboards (PTDCS), semantics usage in enterprises (FSFE), and issues related to DBpedia. In addition two keynote papers are included in this book.

**Progress in Pattern Recognition, Image Analysis, Computer Vision, and Applications** Alvaro Pardo 2015-10-24 This book constitutes the refereed proceedings of the 20th Iberoamerican Congress on Pattern Recognition, CIARP 2015, held in Montevideo, Uruguay, in November 2015. The 95 papers presented were carefully reviewed and selected from 185 submissions. The papers are organized in topical sections on applications on pattern recognition; biometrics; computer vision; gesture recognition; image classification and retrieval; image coding, processing and analysis; segmentation, analysis of shape and texture; signals analysis and processing; theory of pattern recognition; video analysis, segmentation and tracking.

**Safety and Reliability – Safe Societies in a Changing World** Stein Haugen 2018-06-15 Safety and Reliability – Safe Societies in a Changing World collects the papers presented at the 28th European Safety and Reliability Conference, ESREL 2018 in Trondheim, Norway, June 17-21, 2018. The contributions cover a wide range of methodologies and application areas for safety and reliability that contribute to safe societies in a changing world. These methodologies and applications include: - foundations of risk and reliability assessment and management - mathematical methods in reliability and safety - risk assessment - risk management - system reliability - uncertainty analysis - digitalization and big data - prognostics and system health management - occupational safety - accident and incident modeling - maintenance modeling and applications - simulation for safety and reliability analysis - dynamic risk and barrier management - organizational factors and safety culture - human factors and human reliability - resilience engineering - structural reliability - natural hazards - security - economic analysis in risk management Safety and Reliability – Safe Societies in a Changing World will be invaluable to academics and professionals working in a wide range of industrial and governmental sectors: offshore oil and gas, nuclear engineering, aeronautics and aerospace, marine transport and engineering, railways, road transport, automotive engineering, civil engineering, critical infrastructures, electrical and electronic engineering, energy production and distribution, environmental engineering, information technology and telecommunications, insurance and finance, manufacturing, marine transport, mechanical engineering, security and protection, and policy making.

**Human-Computer Interaction. Advanced Interaction, Modalities, and Techniques** Masaaki Kurosu 2014-06-07 The 3-volume set LNCS 8510, 8511 and 8512 constitutes the refereed proceedings of the 16th International Conference on Human-Computer Interaction, HCII 2014, held in Heraklion, Crete, Greece in June 2014. The total of 1476 papers and 220 posters presented at the HCII 2014 conferences was carefully reviewed and selected from 4766 submissions. These papers address the latest research and development efforts and highlight the human aspects of design and use of computing systems. The papers thoroughly cover the entire field of human-computer interaction, addressing major advances in knowledge and effective use of computers in a variety of application areas.

**Breast Imaging** Hiroshi Fujita 2014-06-23 This book constitutes the refereed proceedings of the 12th International Workshop on Breast Imaging, IWDM 2014, held in Gifu City, Japan, in June/July 2014. The 24 revised full papers and 73 revised poster papers presented together with 6 invited talks were carefully reviewed and selected from 122 submissions. The papers are organized in topical sections on screening outcomes, ultrasound, breast density, imaging physics, CAD, tomosynthesis and ICT and image processing.

**Sustainable Smart Cities and Smart Villages Research** Miltiadis D. Lytras 2018-10-19 This book is a printed edition of the Special Issue "Sustainable Smart Cities and Smart Villages Research" that was published in Sustainability

**Cloud Computing and Security** Xingming Sun 2018-09-25 This six volume set LNCS 11063 – 11068 constitutes the thoroughly refereed conference proceedings of the 4th International Conference on Cloud Computing and Security, ICCCS 2018, held in Haikou, China, in June 2018. The 386 full papers of these six volumes were carefully reviewed and selected from 1743 submissions. The papers cover ideas and achievements in the theory and practice of all areas of inventive systems which includes control, artificial intelligence, automation systems, computing systems, electrical and informative systems. The six volumes are

arranged according to the subject areas as follows: cloud computing, cloud security, encryption, information hiding, IoT security, multimedia forensics

**Energy Science and Applied Technology ESAT 2016** Zhigang Fang 2016-10-14 The 2016 International Conference on Energy Science and Applied Technology (ESAT 2016) held on June 25-26 in Wuhan, China aimed to provide a platform for researchers, engineers, and academicians, as well as industrial professionals, to present their research results and development activities in energy science and engineering and its applied technology. The themes presented in Energy Science and Applied Technology ESAT 2016 are: Technologies in Geology, Mining, Oil and Gas; Renewable Energy, Bio-Energy and Cell Technologies; Energy Transfer and Conversion, Materials and Chemical Technologies; Environmental Engineering and Sustainable Development; Electrical and Electronic Technology, Power System Engineering; Mechanical, Manufacturing, Process Engineering; Control and Automation; Communications and Applied Information Technologies; Applied and Computational Mathematics; Methods and Algorithms Optimization; Network Technology and Application; System Test, Diagnosis, Detection and Monitoring; Recognition, Video and Image Processing.

**Visual Sensors** Oscar Reinoso 2020-03-27 Visual sensors are able to capture a large quantity of information from the environment around them. A wide variety of visual systems can be found, from the classical monocular systems to omnidirectional, RGB-D, and more sophisticated 3D systems. Every configuration presents some specific characteristics that make them useful for solving different problems. Their range of applications is wide and varied, including robotics, industry, agriculture, quality control, visual inspection, surveillance, autonomous driving, and navigation aid systems. In this book, several problems that employ visual sensors are presented. Among them, we highlight visual SLAM, image retrieval, manipulation, calibration, object recognition, navigation, etc.

**Constitutive Models for Rubber XI** Bertrand Huneau 2019-06-07 Constitutive Models for Rubber XI is a comprehensive compilation of both the oral and poster contributions to the European Conference on Constitutive Models for Rubber. This 11th edition, held in Nantes (France) 25-27th June 2019, is the occasion to celebrate the 20th anniversary of the ECCMR series. Around 100 contributions reflect the state-of-the-art in the mechanics of elastomers. They cover the fields of: Material testing Constitutive modelling and finite element implementation Micromechanical aspects, and Durability (failure, fatigue and ageing) Constitutive Models for Rubber XI is of interest for developers and researchers involved in the rubber processing and CAE software industries, as well as for academics in nearly all disciplines of elastomer mechanics and technology.

**Image and Signal Processing** Abderrahim Elmoataz 2014-06-04 This book constitutes the refereed proceedings of the 6th International Conference, ICISP 2014, held in June/July 2014 in Cherbourg, France. The 76 revised full papers were carefully reviewed and selected from 164 submissions. The contributions are organized in topical sections on multispectral colour science, color imaging and applications, digital cultural heritage, document image analysis, graph-based representations, image filtering and representation, computer vision and pattern recognition, computer graphics, biomedical, and signal processing.

**The Economics of Discrimination** Gary S. Becker 2010-08-15 This second edition of Gary S. Becker's The Economics of Discrimination has been expanded to include three further discussions of the problem and an entirely new introduction which considers the contributions made by others in recent years and some of the more important problems remaining. Mr. Becker's work confronts the economic effects of discrimination in the market place because of race, religion, sex, color, social class, personality, or other non-pecuniary considerations. He demonstrates that discrimination in the market place by any group reduces their own real incomes as well as those of the minority. The original edition of The Economics of Discrimination was warmly received by economists, sociologists, and psychologists alike for focusing the discerning eye of economic analysis upon a vital social problem—discrimination in the market place. "This is an unusual book; not only is it filled with ingenious theorizing but the implications of the theory are boldly confronted with facts. . . . The intimate relation of the theory and observation has resulted in a book of great vitality on a subject whose interest and importance are obvious."—M.W. Reder, American Economic Review "The author's solution to the problem of measuring the motive behind actual discrimination is something of a tour de force. . . . Sociologists in the field of race relations will wish to read this book."—Karl Schuessler, American Sociological Review

**High Efficiency Video Coding (HEVC)** Vivienne Sze 2014-08-23 This book provides developers, engineers, researchers and students with detailed knowledge about the High Efficiency Video Coding (HEVC) standard. HEVC is the successor to the widely successful H.264/AVC video compression standard, and it provides around twice as much compression as H.264/AVC for the same level of quality. The applications for HEVC will not only cover the space of the well-known current uses and capabilities of digital video – they will also include the deployment of new services and the delivery of enhanced video quality, such as

ultra-high-definition television (UHDTV) and video with higher dynamic range, wider range of representable color, and greater representation precision than what is typically found today. HEVC is the next major generation of video coding design – a flexible, reliable and robust solution that will support the next decade of video applications and ease the burden of video on world-wide network traffic. This book provides a detailed explanation of the various parts of the standard, insight into how it was developed, and in-depth discussion of algorithms and architectures for its implementation.

**Bridge Maintenance, Safety, Management, Life-Cycle Sustainability and Innovations** Hiroshi Yokota 2021-04-20 Bridge Maintenance, Safety, Management, Life-Cycle Sustainability and Innovations contains lectures and papers presented at the Tenth International Conference on Bridge Maintenance, Safety and Management (IABMAS 2020), held in Sapporo, Hokkaido, Japan, April 11–15, 2021. This volume consists of a book of extended abstracts and a USB card containing the full papers of 571 contributions presented at IABMAS 2020, including the T.Y. Lin Lecture, 9 Keynote Lectures, and 561 technical papers from 40 countries. The contributions presented at IABMAS 2020 deal with the state of the art as well as emerging concepts and innovative applications related to the main aspects of maintenance, safety, management, life-cycle sustainability and technological innovations of bridges. Major topics include: advanced bridge design, construction and maintenance approaches, safety, reliability and risk evaluation, life-cycle management, life-cycle sustainability, standardization, analytical models, bridge management systems, service life prediction, maintenance and management strategies, structural health monitoring, non-destructive testing and field testing, safety, resilience, robustness and redundancy, durability enhancement, repair and rehabilitation, fatigue and corrosion, extreme loads, and application of information and computer technology and artificial intelligence for bridges, among others. This volume provides both an up-to-date overview of the field of bridge engineering and significant contributions to the process of making more rational decisions on maintenance, safety, management, life-cycle sustainability and technological innovations of bridges for the purpose of enhancing the welfare of society. The Editors hope that these Proceedings will serve as a valuable reference to all concerned with bridge structure and infrastructure systems, including engineers, researchers, academics and students from all areas of bridge engineering.

**Computational Science and Its Applications - ICCSA 2014** Beniamino Murgante 2014-07-03 The six-volume set LNCS 8579-8584 constitutes the refereed proceedings of the 14th International Conference on Computational Science and Its Applications, ICCSA 2014, held in Guimarães, Portugal, in June/July 2014. The 347 revised papers presented in 30 workshops and a special track were carefully reviewed and selected from 1167. The 289 papers presented in the workshops cover various areas in computational science ranging from computational science technologies to specific areas of computational science such as computational geometry and security.

**Pattern Recognition and Computer Vision** Zhouchen Lin 2019-10-31 The three-volume set LNCS 11857, 11858, and 11859 constitutes the refereed proceedings of the Second Chinese Conference on Pattern Recognition and Computer Vision, PRCV 2019, held in Xi'an, China, in November 2019. The 165 revised full papers presented were carefully reviewed and selected from 412 submissions. The papers have been organized in the following topical sections:

Part I: Object Detection, Tracking and Recognition, Part II: Image/Video Processing and Analysis, Part III: Data Analysis and Optimization.

**Digital Forensics and Watermarking** Xianfeng Zhao 2023-03-01 This book constitutes the refereed proceedings of the 21st International Workshop, IWDW 2022, held in Guilin, China, during November 18-19, 2022. The 14 full papers included in this book were carefully reviewed and selected from 30 submissions. They were organized in topical sections as follows: Steganology, Forensics and Security Analysis, Watermarking.

**Photon-Counting Image Sensors** Eric R. Fossum 2018-07-06 This book is a printed edition of the Special Issue "Photon-Counting Image Sensors" that was published in *Sensors*

**From Observations to Predictions and Projections: Opportunities and Challenges for Climate Risk Assessment and Management in Sub-Saharan Africa** Joerg Helmschrot 2022-12-06

**Intelligent Data analysis and its Applications, Volume II** Jeng-Shyang Pan 2014-06-05 This volume presents the proceedings of the First Euro-China Conference on Intelligent Data Analysis and Applications (ECC 2014), which was hosted by Shenzhen Graduate School of Harbin Institute of Technology and was held in Shenzhen City on June 13-15, 2014. ECC 2014 was technically co-sponsored by Shenzhen Municipal People's Government, IEEE Signal Processing Society, Machine Intelligence Research Labs, VSB-Technical University of Ostrava (Czech Republic), National Kaohsiung University of Applied Sciences (Taiwan), and Secure E-commerce Transactions (Shenzhen) Engineering Laboratory of Shenzhen Institute of Standards and Technology.

**State-of-the-art Technology and Applications in Crop Phenomics** Wanneng Yang 2021-12-01

**Architecture of Computing Systems -- ARCS 2014** Erik Maehle 2014-02-17 This book constitutes the proceedings of the 27th International Conference on Architecture of Computing Systems, ARCS 2014, held in Lübeck, Germany, in February 2014. The 20 papers presented in this volume were carefully reviewed and selected from 44 submissions. They are organized in topical sections named: parallelization: applications and methods; self-organization and trust; system design; system design and sensor systems; and virtualization: I/O, memory, cloud; dependability: safety, security, and reliability aspects.

**Digital Forensics and Watermarking** Yun Qing Shi 2017-02-14 This book constitutes the revised post-conference proceedings of the 15th International Workshop on Digital Forensics and Watermarking, IWDW 2016, held in Beijing, China, in September 2016. The 45 papers presented in this volume were carefully

reviewed and selected from 70 submissions. The contributions are organized in topical sections on digital forensics, visual cryptography, reversible data hiding, and steganography and steganalysis.

**Control Engineering and Information Systems** Zhijing Liu 2015-01-19 Control Engineering and Information Systems contains the papers presented at the 2014 International Conference on Control Engineering and Information Systems (ICCEIS 2014, Yueyang, Hunan, China, 20-22 June 2014). All major aspects of the theory and applications of control engineering and information systems are addressed, including: Intelligent s

**Agents and Artificial Intelligence** Ana Paula Rocha 2022-07-18 This book constitutes selected papers from the refereed proceedings of the 13th International Conference on Agents and Artificial Intelligence, ICAART 2021, which was held online during February 4–6, 2021. A total of 72 full and 99 short papers were carefully reviewed and selected for the conference from a total of 298 submissions; 17 selected full papers are included in this book. They were organized in topical sections named agents and artificial intelligence.

**Universal Access in Human-Computer Interaction: Design and Development Methods for Universal Access** Constantine Stephanidis 2014-05-15 The four-volume set LNCS 8513-8516 constitutes the refereed proceedings of the 8th International Conference on Universal Access in Human-Computer Interaction, UAHCI 2014, held as part of the 16th International Conference on Human-Computer Interaction, HCII 2014, held in Heraklion, Crete, Greece in June 2014, jointly with 14 other thematically similar conferences. The total of 1476 papers and 220 posters presented at the HCII 2014 conferences was carefully reviewed and selected from 4766 submissions. These papers address the latest research and development efforts and highlight the human aspects of design and use of computing systems. The papers thoroughly cover the entire field of human-computer interaction, addressing major advances in knowledge and effective use of computers in a variety of application areas. The total of 251 contributions included in the UAHCI proceedings were carefully reviewed and selected for inclusion in this four-volume set. The 51 papers included in this volume are organized in the following topical sections: design for all methods, techniques, and tools; development methods and tools for universal access; user models, adaption and personalization; natural, multimodal and multisensory interaction and brain-computer interfaces.

**Soft Computing and its Engineering Applications** Kanubhai K. Patel 2021-03-04 This book constitutes the refereed proceedings of the Second International Conference on Soft Computing and its Engineering Applications, icSoftComp 2020, held in Changa, India, in December 2020. Due to the COVID-19 pandemic the conference was held online. The 24 full papers and 4 short papers presented were carefully reviewed and selected from 252 submissions. The papers present recent research on theory and applications in fuzzy computing, neuro computing, and evolutionary computing.

**Ultra-Thin Sensors and Data Conversion Techniques for Hybrid System-in-Foil** Mourad Elsobky 2022-03-18 This book reports on the design, fabrication and characterization of a set of flexible electronic components, including on-foil sensors, organic thin-film transistors and ultra-thin chips. The core of the work is on showing how to combine high-performance integrated circuits with large-area electronic components on a single polymeric foil, to realize smart electronic systems for different applications, such as temperature, humidity and mechanical stress sensors. The book offers an extensive introduction to Hybrid System-in-Foil technology (HySiF), and related on-chip/on-foil passive and active components. It presents six case studies designed to highlight key HySiF challenges, together with the methodology to address those challenges. Last but not least, it describes the development of a reconfigurable, energy-efficient Analog-to-Digital Converter for HySiF. All in all, this book provides readers with extensive information on the state of the art in the design and characterization of integrated circuits and hybrid electronic systems on flexible polymeric substrates. By describing significant advances in organic thin-film transistor technology, this work is expected to pave the way to future developments in the area of energy-efficient smart sensors and integrated circuits.

**Conference Proceedings. The Future of Education** Pixel 2015-07-01

**Interpretable Machine Learning** Christoph Molnar 2020 This book is about making machine learning models and their decisions interpretable. After exploring the concepts of interpretability, you will learn about simple, interpretable models such as decision trees, decision rules and linear regression. Later chapters focus on general model-agnostic methods for interpreting black box models like feature importance and accumulated local effects and explaining individual predictions with Shapley values and LIME. All interpretation methods are explained in depth and discussed critically. How do they work under the hood? What are their strengths and weaknesses? How can their outputs be interpreted? This book will enable you to select and correctly apply the interpretation method that is most suitable for your machine learning project.

**Electric Currents in Geospace and Beyond** Andreas Keiling 2018-03-27 Electric currents are fundamental to the structure and dynamics of space plasmas, including our own near-Earth space environment, or “geospace.” This volume takes an integrated approach to the subject of electric currents by incorporating their phenomenology and physics for many regions in one volume. It covers a broad range of topics from the pioneers of electric currents in outer space, to measurement and analysis techniques, and the many types of electric currents. First volume on electric currents in space in over a decade that provides authoritative up-to-date insight on the current status of research Reviews recent advances in observations, simulation, and theory of electric currents Provides comparative overviews of electric currents in the space environments of different astronomical bodies Electric Currents in Geospace and Beyond serves as an excellent reference volume for a broad community of space scientists, astronomers, and astrophysicists who are studying space plasmas in the solar system.

Read an interview with the editors to find out more: <https://eos.org/editors-vox/electric-currents-in-outer-space-run-the-show>

*High Performance Computing. ISC High Performance 2022 International Workshops* Hartwig Anzt 2023-01-03 This book constitutes the refereed conference proceedings of the workshops held at the 37th International ISC High Performance 2022 Conference, in Hamburg, Germany, in June 2, 2022. The 27 full papers were included in this book were carefully reviewed and selected from 43 submissions. ISC High Performance 2022 presents the following workshops: Compiler-assisted Correctness Checking and Performance Optimization for HPC HPC on Heterogeneous Hardware (H3) Malleability Techniques Applications in High Performance Computing Fifth Workshop on Interactive High Performance Computing 3rd ISC HPC International Workshop on Monitoring & Operational Data Analytics 6th International Workshop on In Situ Visualization 17th Workshop on Virtualization in High Performance Cloud Computing *Foundations of Augmented Cognition. Advancing Human Performance and Decision-Making through Adaptive Systems* Dylan D. Schmorow 2014-06-07 This book constitutes the proceedings of the 8th International Conference on the Foundations of Augmented Cognition, AC 2014, held as part of HCI International 2014 which took place in Heraklion, Crete, Greece, in June 2014 and incorporated 14 conferences which similar thematic areas. HCII 2014 received a total of 4766 submissions, of which 1476 papers and 220 posters were accepted for publication after a careful reviewing process. These papers address the latest research and development efforts and highlight the human aspects of design and use of computing systems. The papers thoroughly cover the entire field of Human-Computer Interaction, addressing major advances in knowledge and effective use of computers in a variety of application areas. The 34 papers presented in the AC 2014 proceedings are organized in topical sections named: emotional and cognitive issues in augmented cognition; machine learning for augmented cognition; augmented cognition for learning and training and augmented cognition for health and rehabilitation.

*Computational Intelligence in Machine Learning* Amit Kumar 2022-03-03 The book includes select proceedings of the International Conference on Computational Intelligence in Machine Learning (ICCIML 2021). The book constitutes peer-reviewed papers on machine learning, computational intelligence, the internet of things, and smart city applications emphasizing multi-disciplinary research in artificial intelligence and cyber-physical systems. This book addresses the comprehensive nature of computational intelligence, artificial intelligence, machine learning, and deep learning to emphasize its character in modeling, identification, optimization, prediction, forecasting, and control of future intelligent systems. The book will be useful for researchers, research scholars, and students to formulate their research ideas and find future directions in these areas. It will help the readers to solve a diverse range of problems in industries and their real-world applications.

*Computer Vision, Imaging and Computer Graphics – Theory and Applications* Ana Paula Cláudio 2019-01-22 This book constitutes thoroughly revised and selected papers from the 12th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications, VISIGRAPP 2017, held in Porto, Portugal, February 27 - March 1, 2017. The 18 thoroughly revised and extended papers presented in this volume were carefully reviewed and selected from 402 submissions. The papers contribute to the understanding of relevant trends of current research on image and video formation, preprocessing, analysis and understanding; motion, tracking and stereo vision; computer graphics and rendering; data visualization and interactive visual data analysis; agent-

based human-robot interactions; and user experience.

*The Rules of Contagion* Adam Kucharski 2020-07-07 One of the Best Books of 2020 – Financial Times One of the "Most 2020 Books of 2020" – Washington Post One of the Best Science Books of 2020 – The Times of London One of the Best Science Books of 2020 – The Guardian From ideas and infections to financial crises and fake news, an "utterly timely" look at why the science of outbreaks is the science of modern life These days, whenever anything spreads, whether it's a YouTube fad or a political rumor, we say it went viral. But how does virality actually work? In *The Rules of Contagion*, epidemiologist Adam Kucharski explores topics including gun violence, online manipulation, and, of course, outbreaks of disease to show how much we get wrong about contagion, and how astonishing the real science is. Why did the president retweet a Mussolini quote as his own? Why do financial bubbles take off so quickly? Why are disinformation campaigns so effective? And what makes the emergence of new illnesses -- such as MERS, SARS, or the coronavirus disease COVID-19 -- so challenging? By uncovering the crucial factors driving outbreaks, we can see how things really spread -- and what we can do about it. Whether you are an author seeking an audience, a defender of truth, or simply someone interested in human social behavior, *The Rules of Contagion* is an essential guide to modern life.

*Provenance and Annotation of Data and Processes* Bertram Ludäscher 2015-03-20 This book constitutes the revised selected papers of the 5th International Provenance and Annotation Workshop, IPAW 2014, held in Cologne, Germany in June 2014. The 14 long papers, 20 short papers and 4 extended abstracts presented were carefully reviewed and selected from 53 submissions. The papers include tools that enable provenance capture from software compilers, from web publications and from scripts, using existing audit logs and employing both static and dynamic instrumentation.

*Distributed Computing and Internet Technology* Raja Natarajan 2014-01-28 This book constitutes the refereed proceedings of the 10th International Conference on Distributed Computing and Internet Technology, ICDCIT 2014, held in Bhubaneswar, India, in February 2014. The 29 revised full papers presented together with 6 invited talks in this volume were carefully reviewed and selected from 197 submissions. The papers cover topics such as distributed computing, sensor networks, Internet technologies and applications, security and multimedia.

*Biometric Authentication* Virginio Cantoni 2014-11-29 This book constitutes the proceedings of the First International Workshop on Biometric Authentication, BIOMET 2014, which was held in Sofia, Bulgaria, in June 2014. The 16 full papers presented in this volume were carefully reviewed and selected from 21 submissions. Additionally, this volume also contains 5 invited papers. The papers cover a range of topics in the field gait and behaviour analysis; iris analysis; speech recognition; 3D ear recognition; face and facial attributes analysis; handwriting and signature recognition; and multimodal and soft biometrics.

*Control of Distributed Parameter Systems 1989* M. Amouroux 2014-06-28 This volume presents state-of-the-art reports on the theory, and current and future applications of control of distributed parameter systems. The papers cover the progress not only in traditional methodology and pure research in control theory, but also the rapid growth of its importance for different applications. This title will be of interest to researchers working in the areas of mathematics, automatic control, computer science and engineering.