

# 7 10 March 2018 Florence Italy Isge World Congress

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*Automatic Control, Mechatronics and Industrial Engineering* - Yigang He  
2019-03-20

Engineering technology development and implementation play an important role in making the industry more sustainable in an increasingly competitive world. This book covers significant recent developments in both fundamental and applied research in the engineering field. Domains of application include, but are not limited to, Intelligent Control Systems and Optimization, Signal Processing, Sensors, Systems Modeling and Control, Robotics and Automation, Industrial and Electric Engineering, Production and Management. This book is an excellent reference work to get up to date with the latest research and developments in the fields of Automation, Mechatronics and Industrial Engineering. It aims to provide a platform for researchers and professionals in all relevant fields to gain new ideas and establish great achievements in scientific development.

*Wearable Technologies: Concepts, Methodologies, Tools, and Applications* - Management Association, Information Resources  
2018-04-06

Advances in technology continue to alter the ways in which we conduct our lives, from the private sphere to how we interact with others in public. As these innovations become more integrated into modern society, their applications become increasingly relevant in various facets of life. *Wearable Technologies: Concepts, Methodologies, Tools, and Applications* is a comprehensive reference source for the latest scholarly material on the development and implementation of wearables within various environments, emphasizing the valuable resources offered by these advances. Highlighting a range of pertinent topics, such as assistive technologies, data storage, and health and fitness applications, this multi-volume book is ideally designed for researchers, academics, professionals, students, and practitioners interested in the emerging applications of wearable technologies.

*A Side Scan Sonar Image Target Detection Algorithm Based on a Neutrosophic Set and Diffusion Maps* - Xiao Wang

To accurately achieve side scan sonar (SSS) image target detection, a novel target detection algorithm based on a neutrosophic set (NS) and diffusion maps (DMs) is proposed in this paper.

*Inverse Synthetic Aperture Radar Imaging With MATLAB Algorithms* - Caner Ozdemir  
2021-03-24

Build your knowledge of SAR/ISAR imaging with this comprehensive and insightful resource The newly revised Second Edition of *Inverse Synthetic Aperture Radar Imaging with MATLAB Algorithms* covers in greater detail the fundamental and advanced topics necessary for a complete understanding of inverse synthetic aperture radar (ISAR) imaging and its concepts. Distinguished author and academician, Caner Özdemir, describes the practical aspects of ISAR imaging and presents illustrative examples of the radar signal processing algorithms used for ISAR imaging. The topics in each chapter are supplemented with MATLAB codes to assist readers in better understanding each of the principles discussed within the book. This new edition includes discussions of the most up-to-date topics to arise in the field of ISAR imaging and ISAR hardware design. The book provides a comprehensive analysis of advanced techniques like Fourier-based radar imaging algorithms, and motion compensation techniques along with radar fundamentals for readers new to the subject. The author covers a wide variety of topics, including: Radar fundamentals, including concepts like radar cross section, maximum detectable range, frequency modulated continuous wave, and doppler frequency and pulsed radar The theoretical and practical aspects of signal processing algorithms used in ISAR imaging The numeric implementation of all necessary algorithms in MATLAB ISAR hardware, emerging topics on SAR/ISAR focusing algorithms such as bistatic ISAR imaging, polarimetric ISAR imaging, and near-field ISAR imaging, Applications of SAR/ISAR imaging techniques to other radar imaging problems such as thru-the-wall radar

imaging and ground-penetrating radar imaging Perfect for graduate students in the fields of electrical and electronics engineering, electromagnetism, imaging radar, and physics, *Inverse Synthetic Aperture Radar Imaging With MATLAB Algorithms* also belongs on the bookshelves of practicing researchers in the related areas looking for a useful resource to assist them in their day-to-day professional work.

*The World Book Encyclopedia* - 2002

An encyclopedia designed especially to meet the needs of elementary, junior high, and senior high school students.

*Urban heritage in times of uncertainty* - Dimitra Babalis  
2019-12-30  
How should designers respond to urban uncertainty? How can we ensure our urban heritage is protected against urban risks and climate change? How can we create places that increase urban quality, socialisation, equity and opportunities for change minimising environmental damages? This volume addresses current trends and challenges, that explore on how we transform our urban heritage in ways which increase urban resilience embracing innovation and technology. Part one provides a critical view in driving forward a new conception of urban transformation that should respond to current concerns around economic, social and urban change. Part two underscores the importance of the current perception of urban and architectural design that can take into consideration climate change.

*Jacopo Tintoretto: Identity, Practice, Meaning* - AA. VV.  
2022-04-04T17:35:00+02:00

Over the past twenty years or so it has finally been understood that Jacopo Tintoretto (1518/19-1594) is an old master of the very highest calibre, whose sharp visual intelligence and brilliant oil technique provides a match for any painter of any time. Based on papers given at a conference held at Keble College, Oxford, to mark the quincentenary of Tintoretto's birth, this volume comprises ten new essays written by an international range of scholars that open many fresh perspectives on this remarkable Venetian painter. Reflecting current 'hot spots' in Tintoretto studies, and suggesting fruitful avenues for future research, chapters explore aspects of the artist's professional and social identity; his graphic oeuvre and workshop practice; his secular and sacred works in their cultural context; and the emergent artistic personality of his painter-son Domenico. Building upon the opening-up of the Tintoretto phenomenon to less fixed or partial viewpoints in recent years, this volume reveals the great master's painting practice as excitingly experimental, dynamic, open-ended, and original.

*Florence in the Early Modern World* - Nicholas Scott Baker  
2019-06-20

*Florence in the Early Modern World* offers new perspectives on this important city by exploring the broader global context of the fifteenth and sixteenth centuries, within which the experience of Florence remains unique. By exploring the city's relationship to its close and distant neighbours, this collection of interdisciplinary essays reveals the transnational history of Florence. The chapters orient the lenses of the most recent historiographical turns perfected in studies on Venice, Rome, Bologna, Naples, and elsewhere towards Florence. New techniques, such as digital mapping, alongside new comparisons of architectural theory and merchants in Eurasia, provide the latest perspectives about Florence's cultural and political importance before, during, and after the Renaissance. From Florentine merchants in Egypt and India, through actual and idealized military ambitions in the sixteenth-century Mediterranean, to Tuscan humanists in late medieval England, the contributors to this interdisciplinary volume reveal the connections Florence held to early modern cities across the globe. This book steers away from the historical narrative of an insular Renaissance Europe and instead identifies the significance of other global influences. By using Florence as a case study to trace these connections, this volume of essays provides essential reading for students and scholars of early modern cities and the Renaissance.

**Computer Vision: Concepts, Methodologies, Tools, and Applications** - Management Association, Information Resources 2018-02-02

The fields of computer vision and image processing are constantly evolving as new research and applications in these areas emerge. Staying abreast of the most up-to-date developments in this field is necessary in order to promote further research and apply these developments in real-world settings. *Computer Vision: Concepts, Methodologies, Tools, and Applications* is an innovative reference source for the latest academic material on development of computers for gaining understanding about videos and digital images. Highlighting a range of topics, such as computational models, machine learning, and image processing, this multi-volume book is ideally designed for academicians, technology professionals, students, and researchers interested in uncovering the latest innovations in the field.

**Pre-Menopause, Menopause and Beyond** - Martin Birkhaeuser 2018-01-30

This volume represents an up-to-date overview on pre-Menopause and Menopause, with their respective clinical implications and therapies. The aim is to clarify possible doubts and clinical approaches to this particular period in a woman's life and how to face it, both offering solutions to actual problems and focusing on the potential impact of preventive medicine in improving women's health and quality of life. The volume is published within the International Society of Gynecological Endocrinology (ISGE) Series, and is based on the 2017 International School of Gynecological and Reproductive Endocrinology Winter Course. This book, covering a very wide range of topics with particular focus on fertility in pre- and peri-menopausal women, climacteric and menopausal symptoms, impact of PCOS on post-menopausal health, breast disease, surgical treatments and therapies, will be an invaluable tool for gynecologists, endocrinologists, and experts in women's health.

**Volcanic Lake Dynamics and Related Hazards** - Dmitri Rouwet 2022-06-27

**Imaging: Sensors and Technologies** - Gonzalo Pajares Martinsanz 2018-07-06

This book is a printed edition of the Special Issue "Imaging: Sensors and Technologies" that was published in *Sensors*

**Advances in SAR: Sensors, Methodologies, and Applications** - Timo Balz 2018-10-22

This book is a printed edition of the Special Issue "Advances in SAR: Sensors, Methodologies, and Applications" that was published in *Remote Sensing*

**Toward a Global Middle Ages** - Bryan C. Keene 2019-09-03

This important and overdue book examines illuminated manuscripts and other book arts of the Global Middle Ages. Illuminated manuscripts and illustrated or decorated books—like today's museums—preserve a rich array of information about how premodern peoples conceived of and perceived the world, its many cultures, and everyone's place in it. Often a Eurocentric field of study, manuscripts are prisms through which we can glimpse the interconnected global history of humanity. *Toward a Global Middle Ages* is the first publication to examine decorated books produced across the globe during the period traditionally known as medieval. Through essays and case studies, the volume's multidisciplinary contributors expand the historiography, chronology, and geography of manuscript studies to embrace a diversity of objects, individuals, narratives, and materials from Africa, Asia, Australasia, and the Americas—an approach that both engages with and contributes to the emerging field of scholarly inquiry known as the Global Middle Ages. Featuring more than 160 color illustrations, this wide-ranging and provocative collection is intended for all who are interested in engaging in a dialogue about how books and other textual objects contributed to world-making strategies from about 400 to 1600.

**Encyclopedia of Image Processing** - Phillip A. Laplante 2018-11-08

The *Encyclopedia of Image Processing* presents a vast collection of well-written articles covering image processing fundamentals (e.g. color theory, fuzzy sets, cryptography) and applications (e.g. geographic information systems, traffic analysis, forgery detection). Image processing advances have enabled many applications in healthcare, avionics, robotics, natural resource discovery, and defense, which makes this text a key asset for both academic and industrial libraries and applied scientists and engineers working in any field that utilizes image processing. Written by experts from both academia and industry, it is structured using the ACM Computing Classification System (CCS) first published in 1988, but most recently updated in 2012.

**Tintoretto** - Robert Echols 2018-01-01

"Considered one of the three greatest painters of sixteenth-century Venice, along with Titian and Veronese, Tintoretto was a bold innovator. His free, expressive brushwork made his work look unfinished to contemporaries but is now recognized as a key step in the development of oil-on-canvas painting. Even today's audiences are astonished by the superhuman scale, painterly dynamism, and visionary qualities of his work. On the 500th anniversary of Tintoretto's birth, this volume provides a comprehensive overview of his career and achievement, with fifteen essays and reproductions of more than 140 paintings—many newly conserved—as well as a selection of his finest drawings. One special contribution is a focus on the artist's portraiture" -- Library of Congress.

**Color Image Processing** - Rastislav Lukac 2018-10-03

*Color Image Processing: Methods and Applications* embraces two decades of extraordinary growth in the technologies and applications for color image processing. The book offers comprehensive coverage of state-of-the-art systems, processing techniques, and emerging applications of digital color imaging. To elucidate the significant progress in specialized areas, the editors invited renowned authorities to address specific research challenges and recent trends in their area of expertise. The book begins by focusing on color fundamentals, including color management, gamut mapping, and color constancy. The remaining chapters detail the latest techniques and approaches to contemporary and traditional color image processing and analysis for a broad spectrum of sophisticated applications, including: Vector and semantic processing Secure imaging Object recognition and feature detection Facial and retinal image analysis Digital camera image processing Spectral and superresolution imaging Image and video colorization Virtual restoration of artwork Video shot segmentation and surveillance *Color Image Processing: Methods and Applications* is a versatile resource that can be used as a graduate textbook or as stand-alone reference for the design and the implementation of various image and video processing tasks for cutting-edge applications. This book is part of the Digital Imaging and Computer Vision series.

**Inventive Communication and Computational Technologies** - G. Ranganathan 2022-12-15

This book gathers selected papers presented at the Inventive Communication and Computational Technologies Conference (ICICCT 2022), held on May 12–13, 2022, at Gnanamani College of Technology, Tamil Nadu, India. The book covers the topics such as Internet of Things, social networks, mobile communications, big data analytics, bio-inspired computing, and cloud computing. The book is exclusively intended for academics and practitioners working to resolve practical issues in this area.

**Computer Vision - ECCV 2018** - Vittorio Ferrari 2018-10-05

The sixteen-volume set comprising the LNCS volumes 11205–11220 constitutes the refereed proceedings of the 15th European Conference on Computer Vision, ECCV 2018, held in Munich, Germany, in September 2018. The 776 revised papers presented were carefully reviewed and selected from 2439 submissions. The papers are organized in topical sections on learning for vision; computational photography; human analysis; human sensing; stereo and reconstruction; optimization; matching and recognition; video attention; and poster sessions.

**American Art 1961-2001** - Vincenzo De Bellis 2021-06-29

Major works from the Walker Art Center's collection, seen in the context of two watershed moments in American history This diverse survey of American art from the collection of the Walker Art Center uses two of the nation's most significant events as its chronological boundaries: the failed Bay of Pigs Invasion in 1961 that escalated the Vietnam War and the 2001 terrorist attacks on New York and Washington, DC. Within the timeframe of these two landmark calamities, the United States saw the emergence of some of its most noteworthy artists. The publication examines the many themes and techniques developed during those 40 years within the greater context of American history and culture, from modernist abstraction to mass production. These generations of artists probed the very notion of what art is and what it can do using paint, performance, installation, video and photography. This paperback volume features work by artists such as Jasper Johns, Donald Judd, Barbara Kruger, Robert Mapplethorpe, Bruce Nauman, Cindy Sherman, Robert Rauschenberg, Kara Walker and Andy Warhol from the Walker Art Center's acclaimed collection.

**Innovations in Big Data Mining and Embedded Knowledge** - Anna Esposito 2019-07-03

This book addresses the usefulness of knowledge discovery through data mining. With this aim, contributors from different fields propose concrete

problems and applications showing how data mining and discovering embedded knowledge from raw data can be beneficial to social organizations, domestic spheres, and ICT markets. Data mining or knowledge discovery in databases (KDD) has received increasing interest due to its focus on transforming large amounts of data into novel, valid, useful, and structured knowledge by detecting concealed patterns and relationships. The concept of knowledge is broad and speculative and has promoted epistemological debates in western philosophies. The intensified interest in knowledge management and data mining stems from the difficulty in identifying computational models able to approximate human behaviors and abilities in resolving organizational, social, and physical problems. Current ICT interfaces are not yet adequately advanced to support and simulate the abilities of physicians, teachers, assistants or housekeepers in domestic spheres. And unlike in industrial contexts where abilities are routinely applied, the domestic world is continuously changing and unpredictable. There are challenging questions in this field: Can knowledge locked in conventions, rules of conduct, common sense, ethics, emotions, laws, cultures, and experiences be mined from data? Is it acceptable for automatic systems displaying emotional behaviors to govern complex interactions based solely on the mining of large volumes of data? Discussing multidisciplinary themes, the book proposes computational models able to approximate, to a certain degree, human behaviors and abilities in resolving organizational, social, and physical problems. The innovations presented are of primary importance for: a. The academic research community b. The ICT market c. Ph.D. students and early stage researchers d. Schools, hospitals, rehabilitation and assisted-living centers e. Representatives from multimedia industries and standardization bodies

#### **Emerging Technologies and Solutions for the Sustainable Climate Change Challenges** - Ji Whan Ahn 2021-04-22

The Special Issue/book introduces advanced techniques and research that have helped to reduce CO2 emissions and to use CO2 for the manufacturing of valuable products. This book refers the research trends and emerging technologies contributing to the mitigation of current climate change. It covers multidisciplinary research topics such as carbon mineralization, solid waste management, and convergence technologies for sustainable solutions for climate change.

#### **Brexit and Tourism** - Derek Hall 2020-01-14

This book offers a multidisciplinary, holistic appraisal of the implications of the UK's withdrawal from the European Union (EU) for tourism and related mobilities. It attempts to look beyond the short- to medium-term consequences of these processes for both the UK and the EU. It is divided into four major sections: Context, Tourism Impacts, Implications, and Global Britain? The volume employs case studies to highlight Brexit's ripple effects on tourism, mobilities and immobilities. It will be of interest to researchers, students and policymakers in tourism, European studies, political geography, regional development, international relations and politics.

#### **Nanogrids, Microgrids, and the Internet of Things (IoT)** - Antonio Moreno-Munoz 2019-11-20

Driven by new regulations, new market structures, and new energy resources, the smart grid has been the trigger for profound changes in the way that electricity is generated, distributed, managed, and consumed. The smart grid has raised the traditional power grid by using a two-way electricity and information flow to create an advanced, automated power supply network. However, these pioneering smart grid technologies must grow to adapt to the demands of the current digital society. In today's digital landscape, we can access feasible data and knowledge that were merely inconceivable. This Special Issue aims to address the landscape in which smart grids are progressing, due to the advent of pervasive technologies like the Internet of Things (IoT). It will be the advanced exploitation of the massive amounts of data generated from (low-cost) IoT sensors that will become the main driver to evolve the concept of the smart grid, currently focused on infrastructure, towards the digital energy network paradigm, focused on service. Furthermore, collective intelligence will improve the processes of decision making and empower citizens. Original manuscripts focusing on state-of-the-art IoT networking and communications, M2M communications, cyberphysical system architectures, big data analytics or cloud computing applied to digital energy platforms, including design methodologies and practical implementation aspects, are welcome.

#### **Representing Infirmary** - John Henderson 2020-11-18

This volume is the first in-depth analysis of how infirm bodies were represented in Italy from c. 1400 to 1650. Through original contributions

and methodologies, it addresses the fundamental yet undiscussed relationship between images and representations in medical, religious, and literary texts. Looking beyond the modern category of 'disease' and viewing infirmity in Galenic humoral terms, each chapter explores which infirmities were depicted in visual culture, in what context, why, and when. By exploring the works of artists such as Caravaggio, Leonardo, and Michelangelo, this study considers the idealized body altered by diseases, including leprosy, plague, goitre, and cancer. In doing so, the relationship between medical treatment and the depiction of infirmities through miracle cures is also revealed. The broad chronological approach demonstrates how and why such representations change, both over time and across different forms of media. Collectively, the chapters explain how the development of knowledge of the workings and structure of the body was reflected in changed ideas and representations of the metaphorical, allegorical, and symbolic meanings of infirmity and disease. The interdisciplinary approach makes this study the perfect resource for both students and specialists of the history of art, medicine and religion, and social and intellectual history across Renaissance Europe.

#### **DK Eyewitness Top 10 Italian Lakes** - DK Eyewitness 2018-03-20

Top 10 lists showcase the best places to visit in the Italian Lakes, from Lake Como and Lake Maggiore to Lake Garda and Lake Iseo. Seven easy-to-follow itineraries explore the Italian lake region's most interesting sights-from historic villages and beautiful churches to wonderful gardens and hidden swimming spots-while reviews of the best hotels, shops, and restaurants in the Italian Lakes will help you plan your perfect trip. The perfect pocket-size travel companion: DK Eyewitness Travel Guide: Top 10 Italian Lakes.

#### **Color Image Processing** - Edoardo Provenzi 2018-05-22

This book is a printed edition of the Special Issue "Color Image Processing" that was published in J. Imaging

#### **Re-Imagining the Avant-Garde** - 2019-07-10

The 1960s and 1970s avant-garde has been likened to an 'architectural Big Bang', such was the intensity of energy and ambition in which it exploded into the postwar world. Marked out by architectural projects that redefined the discipline, it remains just as influential today. References to the likes of Archizoom, Peter Eisenman, John Hejduk and Superstudio abound. Highly diverse, the avant-garde cannot be defined as a single strand or tendency. It was divergent geographically - reaching from Europe to North America and Japan - and in its political, formal and cultural preoccupations. It was unified, though, as a critical and experimental force, critiquing contemporary society against the backdrop of extreme social and political upheaval: the Paris riots of May 1968, the anti-Vietnam war movement in America and the looming ecological crisis. Re-imagining the Avant-garde outlines how in contemporary architectural practice, avant-garde projects retain their power as historical precedents, as barometers of a particular design ethos, as critiques of society and instigators of new formal techniques. Given the far-reaching impact of the subsequent digital revolution, which has since reshaped every aspect of practice, the issue asks why this historical period continues to retain its undeniable grip on current architecture. Contributors: Pablo Bronstein and Sam Jacob, Sarah Deyong, Stylianos Giamarellos, Damjan Jovanovic, Andrew Kovacs, Perry Kulper, Igor Marjanovic, William Menking, Michael Sorkin, Neil Spiller and Mimi Zeiger. Featured architects: Archizoom, Andrea Branzi, Jimenez Lai, Luis Miguel (Koldo) Lus Arana (Klaus), NEMESTUDIO, Superstudio and UrbanLab.

#### **Speech and Computer** - Albert Ali Salah 2019-08-09

This book constitutes the proceedings of the 21st International Conference on Speech and Computer, SPECOM 2019, held in Istanbul, Turkey, in August 2019. The 57 papers presented were carefully reviewed and selected from 86 submissions. The papers present current research in the area of computer speech processing including audio signal processing, automatic speech recognition, speaker recognition, computational paralinguistics, speech synthesis, sign language and multimodal processing, and speech and language resources.

#### **Guinness World Records 2018** - Guinness World Records 2017-08-29

The record-breaking records annual is back and packed with more incredible accomplishments, stunts, cutting-edge science and amazing sporting achievements than ever before. With more than 3,000 new and updated records and 1,000 eye-popping photos, it has thousands of new stats and facts and dazzling new features. There is so much to explore inside. Go on a whirlwind tour of the planet's most amazing places, from the largest swamps to the deepest points on Earth. Find out what happens when you give an octopus a Rubik's Cube, and why all you need

to defend yourself from a crocodile is a rubber band! You'll also find all your favorite records and categories such as Big Stuff, Collections, Mass Participation and Fun with Food, plus the year's most significant sporting achievements. Our editors have also taken inspiration this year from the world of superheroes – both fictional and real-world – so look out for our feature chapter charting your favorite caped crusaders in comic books, TV shows and movies. We also meet the real-life record-breakers with genuine superpowers, such as the Canadian strongman vicar who can pull a jumbo jet and an actual cyborg who uses technology to augment his senses. You'll also learn all about the science of superheroes, such as who the fastest and strongest superheroes would be if they came to life, and who would win in a royal rumble between Superman, Batman, Hulk and Dr Strange! Also new this year is a celebration of the superlative with infographic poster pages that explore the most exciting absolutes, such as the longest, tallest, fastest and heaviest. Does the longest sofa outstretch the longest train? Is the tallest Easter egg bigger than the tallest snowman? Find out in this amazing new edition. You'll also find these special pages available as free poster downloads at [guinnessworldrecords.com](http://guinnessworldrecords.com)! From science to showbiz via stunts and sports, there are real-life heroes all around us in all shapes and sizes, achieving the extraordinary every day. There's only one book where you'll find so many amazing facts all in one place, and that's Guinness World Records 2018!

#### **Intelligent Marine Robotics Modelling, Simulation and Applications** - Cheng Siong Chin 2020-04-24

The biennial Congress of the Italian Society of Oral Pathology and Medicine (SIPMO) is an International meeting dedicated to the growing diagnostic challenges in the oral pathology and medicine field. The III International and XV National edition will be a chance to discuss clinical conditions which are unusual, rare, or difficult to define. Many consolidated national and international research groups will be involved in the debate and discussion through special guest lecturers, academic dissertations, single clinical case presentations, posters, and degree thesis discussions. The SIPMO Congress took place from the 17th to the 19th of October 2019 in Bari (Italy), and the enclosed copy of Proceedings is a non-exhaustive collection of abstracts from the SIPMO 2019 contributions.

#### **The Monumental Challenge of Preservation** - Michele Valerie Cloonan 2018-04-13

The enormous task of preserving the world's heritage in the face of war, natural disaster, vandalism, neglect, and technical obsolescence. The monuments—movable, immovable, tangible, and intangible—of the world's shared cultural heritage are at risk. War, terrorism, natural disaster, vandalism, and neglect make the work of preservation a greater challenge than it has been since World War II. In *The Monumental Challenge of Preservation* Michèle Cloonan makes the case that, at this critical juncture, we must consider preservation in the broadest possible contexts. Preservation requires the efforts of an increasing number of stakeholders. In order to explore the cultural, political, technological, economic, and ethical dimensions of preservation, Cloonan examines particular monuments and their preservation dilemmas. The massive Bamiyan Buddhas, blown up by the Taliban in 2001, are still the subject of debates over how, or whether, to preserve what remains, and the U. S. National Park Service has undertaken the complex task of preserving the symbolic and often ephemeral objects that visitors leave at the Vietnam Veterans Memorial—to take just two of the many examples described in the book. Cloonan also considers the ongoing genocide and cultural genocide in Syria; the challenges of preserving our digital heritage; the dynamic between original and copy; efforts to preserve the papers and architectural fragments of the architect Louis Sullivan; and the possibility of sustainable preservation. In the end, Cloonan suggests, we are what we preserve—and don't preserve. Every day we make preservation decisions, individually and collectively, that have longer-term ramifications than we might expect.

#### **Data-Driven Mathematical and Statistical Models of Online Social Networks** - Shudong Li 2022-03-07

#### **Towards a Unified Italy** - Salvatore DiMaria 2018-07-18

Since unification in 1860, Italy has remained bitterly divided between the rich North and the underdeveloped South. This book examines the historical, literary, and cultural contexts that have informed and inflamed the debate on the Southern Question for over a century. It brings together analysis of cinema, literature, and newspaper archives to reconsider the myths and stereotypes that both Northerners and Southerners deploy in their narratives. Salvatore DiMaria offers a

masterful assessment of the entangled issues that have produced the South's image as impoverished and backwards, such as organized crime, illiteracy, and mass emigration. Documenting the state's largely failed efforts to bring the South into its socio-economic fold, DiMaria also points to the future, arguing that the European Union and globalization are transformative forces that may finally produce a unified Italy.

#### **Computer Processing of Remotely-Sensed Images** - Paul M. Mather 2022-04-11

*Computer Processing of Remotely-Sensed Images* A thorough introduction to computer processing of remotely-sensed images, processing methods, and applications Remote sensing is a crucial form of measurement that allows for the gauging of an object or space without direct physical contact, allowing for the assessment and recording of a target under conditions which would normally render access difficult or impossible. This is done through the analysis and interpretation of electromagnetic radiation (EMR) that is reflected or emitted by an object, surveyed and recorded by an observer or instrument that is not in contact with the target. This methodology is particularly of importance in Earth observation by remote sensing, wherein airborne or satellite-borne instruments of EMR provide data on the planet's land, seas, ice, and atmosphere. This permits scientists to establish relationships between the measurements and the nature and distribution of phenomena on the Earth's surface or within the atmosphere. Still relying on a visual and conceptual approach to the material, the fifth edition of this successful textbook provides students with methods of computer processing of remotely sensed data and introduces them to environmental applications which make use of remotely-sensed images. The new edition's content has been rearranged to be more clearly focused on image processing methods and applications in remote sensing with new examples, including material on the Copernicus missions, microsattellites and recently launched SAR satellites, as well as time series analysis methods. The fifth edition of *Computer Processing of Remotely-Sensed Images* also contains: A cohesive presentation of the fundamental components of Earth observation remote sensing that is easy to understand and highly digestible Largely non-technical language providing insights into more advanced topics that may be too difficult for a non-mathematician to understand Illustrations and example boxes throughout the book to illustrate concepts, as well as revised examples that reflect the latest information References and links to the most up-to-date online and open access sources used by students *Computer Processing of Remotely-Sensed Images* is a highly insightful textbook for advanced undergraduates and postgraduate students taking courses in remote sensing and GIS in Geography, Geology, and Earth & Environmental Science departments.

#### **Trends in Digital Signal Processing** - Yong Ching Lim 2015-07-24

Digital signal processing is ubiquitous. It is an essential ingredient in many of today's electronic devices, ranging from medical equipment to weapon systems. It makes the difference between dumb and intelligent systems. This book is organized into five parts: (1) Introduction, which contains an account of Prof. Constantinides' contribution to the field and brief summaries of the remaining chapters of this festschrift, (2) Digital Filters and Transforms, which covers efficient digital filtering techniques for improving signal quality, (3) Signal Processing, which provides an insight into fundamental theories, (4) Communications, which deals with some important applications of signal processing techniques, and (5) Finale, which contains a discussion on the impact of digital signal processing on our society and the closing remarks on this festschrift. *Pattern Recognition. ICPR International Workshops and Challenges* - Alberto Del Bimbo 2021-02-20

This 8-volumes set constitutes the refereed of the 25th International Conference on Pattern Recognition Workshops, ICPR 2020, held virtually in Milan, Italy and rescheduled to January 10 - 11, 2021 due to Covid-19 pandemic. The 416 full papers presented in these 8 volumes were carefully reviewed and selected from about 700 submissions. The 46 workshops cover a wide range of areas including machine learning, pattern analysis, healthcare, human behavior, environment, surveillance, forensics and biometrics, robotics and egovision, cultural heritage and document analysis, retrieval, and women at ICPR2020.

#### **Rethinking the History of Italian Fascism** - Giulia Albanese 2022-03-11

In the last years, the discussion around what is fascism, if this concept can be applied to present forms of politics and if its seeds are still present today, became central in the political debate. This discussion led to a vast reconsideration of the meaning and the experience of fascism in Europe and is changing the ways in which scholars of different

generations look at this political ideology and come back to it and it is also changing the ways in which we consider the experience of Italian fascism in the European and global context. The aim of the book is building a general history of Fascism and its historiography through the analysis of 13 different fundamental aspects, which were at the core of Fascist project or of Fascist practices during the regime. Each essay considers a specific and meaningful aspect of the history of Italian fascism, reflecting on it from the vantage point of a case study. The essays thus reinterrogates the history of Fascism to understand in which way Fascism was able to mould the historical context in which it was born, how and if it transformed political, cultural, social elements that were already present in Italy. The themes considered are violence, empire, war, politics, economy, religion, culture, but also antifascism and the impact of Fascism abroad, especially in the Twenties and at the beginnings of the Thirties. The book could be both used for a general public interested in the history of Europe in the interwar period and for an academic and scholarly public, since the essays aim to develop a provocative reflection on their own area of research.

**Cumulated Index Medicus** - 1997

*Pocket Rough Guide Florence (Travel Guide eBook)* - Rough Guides  
2018-04-01

Discover this beautiful city with the most incisive and entertaining travel guide on the market. You can take this handy, pocket-sized book out with you anywhere, any time. Whether you plan to gawp at Michelangelo's David, admire the view from hilltop San Miniato al Monte or relax over aperitivi in the Oltrano neighbourhood, Pocket Rough Guide Florence will

show you the ideal places to sleep, eat, drink, shop and visit along the way. - Perfect for short trips - compact and concise, with all the practical info you'll need for a few days' stay. - Free pull-out map, as well as full-colour maps throughout - navigate the alleys and squares around the Duomo or find your way to Santa Croce's best restaurants without needing to get online. - Things not to miss - Rough Guides' rundown of Florence's unmissable sights and experiences. - Itineraries - carefully planned days to help you organize your visit. - Independent, trusted reviews written with Rough Guides' trademark blend of humour, honesty and insight, with options to suit every budget. - Stunning images - a rich collection of inspiring colour photography. - Detailed city coverage - whether visiting the big sights or venturing off the tourist trail, this travel guide has in-depth practical advice for every step of the way. Chapters cover each neighbourhood in depth, with all the sights and the best of the nearby shops, cafés, restaurants, bars and clubs. Areas covered include: Piazza del Duomo; Piazza della Signoria; San Lorenzo; west of the centre, including Ognissanti; Oltrano; the city outskirts; Fiesole. Attractions include: The Uffizi; Santa Croce; The Duomo; Ponte Vecchio, Santa Maria Novella; Capella Brancacci; Mercato di Sant'Ambrogio; Mercato Centrale; Palazzo Pitti; The Bargello; Museo dell'Opera del Duomo; San Lorenzo and Medici tombs; Santo Spirito; San Miniato al Monte, and many more. - Day-trips - venture further afield to the hill-town Fiesole, within easy reach of Florence. - Accommodation - our unbiased selection of the top places to stay, to suit every budget. - Essentials - crucial pre-departure practical information including getting there, local transport, health, tourist information, festivals and events, and more. - Background information - an easy-to-use chronology, plus a handy language section and glossary.