

## Iisfa Memberbook 2015 Digital Forensics Condivisione Della Conoscenza Tra I Membri Delliisfa Italian Chapter

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### Electronic Evidence

### Cultures of Technology and the Quest for Innovation

If you are ready to dive into the MapReduce framework for processing large datasets, this practical book takes you step by step through the algorithms and tools you need to build distributed MapReduce applications with Apache Hadoop or Apache Spark. Each chapter provides a recipe for solving a massive computational problem, such as building a recommendation system. You'll learn how to implement the appropriate MapReduce solution with code that you can use in your projects. Dr. Mahmoud Parsian covers basic design patterns, optimization techniques, and data mining and machine learning solutions for problems in bioinformatics, genomics, statistics, and social network analysis. This book also includes an overview of MapReduce, Hadoop, and Spark. Topics include: Market basket analysis for a large set of transactions  
Data mining algorithms (K-means, KNN, and Naive Bayes)  
Using huge genomic data to sequence DNA and RNA  
Naive Bayes theorem and Markov chains for data and market prediction  
Recommendation algorithms and pairwise document similarity  
Linear

regression, Cox regression, and Pearson correlation Allelic frequency and mining DNA Social network analysis (recommendation systems, counting triangles, sentiment analysis)

## **HBR's 10 Must Reads on Entrepreneurship and Startups (featuring Bonus Article “Why the Lean Startup Changes Everything” by Steve Blank)**

"Really Feely Farm is a touch-and-feel baby animals book for preschoolers packed with fluffy patches, bumpy patterns, and tactile glitter, which little ones will find really fun and really feely! Meet the fluffy duckling, the woolly sheep, the squidgy-nosed piglet, and other farm animals on the five double-page spreads. Gentle text builds knowledge, and invites you to pat and tickle, as you find out each farm animal's name and learn about its features. From the amazing, 3-D, raised-picture effect cover, to the incredibly tactile insides, Really Feely Farm is beautifully made and sure to delight preschoolers."

## **Handling and Exchanging Electronic Evidence Across Europe**

Computer vision is the science and technology of making machines that see. It is concerned with the theory, design and implementation of algorithms that can automatically process visual data to recognize objects, track and recover their shape and spatial layout. The International Computer Vision Summer School - ICVSS was established in 2007 to provide both an objective and clear overview and an in-depth analysis of the state-of-the-art research in Computer Vision. The courses are delivered by world renowned experts in the field, from both academia and industry and cover both theoretical and practical aspects of real Computer Vision problems. The school is organized every year by University of Cambridge (Computer Vision and Robotics Group) and University of Catania (Image Processing Lab). Different topics are covered each year. This edited volume contains a selection of articles covering some of the talks and tutorials held during the last editions of the school. The chapters provide an in-depth overview of challenging areas with key references to the existing literature.

## **Essential ChromeBook**

This edition presents the most prominent topics and applications of digital image processing, analysis, and computer graphics in the field of cultural heritage preservation. The text assumes prior knowledge of digital image processing and computer graphics fundamentals. Each chapter contains a table of contents, illustrations, and figures that elucidate the presented concepts in detail, as well as a chapter summary and a bibliography for further reading. Well-known experts cover a wide range of topics and related applications, including spectral imaging, automated restoration, computational reconstruction, digital reproduction, and 3D models.

## **Advanced Concepts for Intelligent Vision Systems**

This volume analyses criminal procedural issues from a European perspective, particularly in connection with EU law and ECHR law. As such, it differs from previous works, which, on the one hand, generally focus only on EU law, and, on the other, address both procedural and substantial aspects, as a result of which the former receive inadequate attention. Indeed, criminal procedural matters in the European context have now reached a level of complexity, but also of maturity, that shows the features of a great design, which, even if not yet defined in all its aspects, appears sufficiently articulated to deserve to be explained in a systematic way. The book offers a guidance for practitioners, academics and students alike. It covers a broad range of topics: from the complex system of the sources of law to the multilevel protection of fundamental rights; from vertical and horizontal judicial and police cooperation to the instruments of mutual recognition, primarily the European Arrest Warrant; but also the European Investigation Order, the execution of confiscation orders, the ne bis in idem principle, the conflicts of jurisdiction and the enforcement of judgements. The book also reflects the latest regulation on the establishment of the European Public Prosecutor's Office.

## **Digital Evidence and Computer Crime**

Based on author's dissertation (doctoral)--Universiteit Antwerpen, 2011, under title: The Principle of Mutual Recognition in the EU Internal Market and the EU Criminal Justice Area

## **Orlan**

Renowned authority Luciana Duranti, examines the organizational and evaluative effectiveness of diplomatic concepts in the context of modern records and archival systems, and looks at the relationship between originality and authenticity in records.

## **Introduction to Cryptography**

This book constitutes the thoroughly refereed proceedings of the 16th International Conference on Advanced Concepts for Intelligent Vision Systems, ACIVS 2015, held Catania, Italy, in October 2015. The 76 revised full papers were carefully selected from 129 submissions. Acivs 2015 is a conference focusing on techniques for building adaptive, intelligent, safe and secure imaging systems. The focus of the conference is on following topic: low-level Image processing, video processing and camera networks, motion and tracking, security, forensics and biometrics, depth and 3D, image quality improvement and assessment, classification and recognition, multidimensional signal processing, multimedia compression,

retrieval, and navigation.

## **This Love Is Not for Cowards**

A Decade of Extraordinary Growth The past decade has brought a surge of growth in the technologies for digital color imaging, multidimensional signal processing, and visual scene analysis. These advances have been crucial to developing new camera-driven applications and commercial products in digital photography. Single-Sensor Imaging: Methods and Applications for Digital Cameras embraces this extraordinary progress, comprehensively covering state-of-the-art systems, processing techniques, and emerging applications. Experts Address Challenges and Trends Single-Sensor Imaging: Methods and Applications for Digital Cameras presents leading experts elucidating their own accomplishments in developing the technologies reshaping this field. The editor invited renowned authorities to address specific research challenges and recent trends in their particular areas of expertise. The book discusses single-sensor digital color imaging fundamentals, including reusable embedded software platform, digital camera image processing chain, optical filter and color filter array designs. It also details the latest techniques and approaches in contemporary and traditional digital camera color image processing and analysis for various sophisticated applications, including: Demosaicking and color restoration White balancing and color transfer Color and exposure correction Image denoising and color enhancement Image compression and storage formats Red-eye detection and removal Image resizing Video-demosaicking and superresolution imaging Image and video stabilization A Solid Foundation of Knowledge to Solve Problems Single-Sensor Imaging: Methods and Applications for Digital Cameras builds a strong fundamental understanding of theory and methods for solving many of today's most interesting and challenging problems in digital color image and video acquisition, analysis, processing, and storage. A broad survey of the existing solutions and relevant literature makes this book a valuable resource both for researchers and those applying rapidly evolving digital camera technologies.

## **From Idea to Reality**

This is The Ultimate Blueprint for Building & Launching A Business Do you have an idea for an incredible product or service, but you aren't sure how to build a business around it? Are you full of passion and purpose, but need business coaching and mentorship? Whether you are an aspiring entrepreneur or an expert looking to innovate, From Idea to Reality is the only reference tool you will need to start a business from the ground up. It is designed to give you clarity, focus, and an amazing action plan for growth. This is a book for anyone looking to build any type of business. It was created for those who like to take action on their dreams. Business and entrepreneurship students, small and mid-size business owners, managers, and soon-to-be entrepreneurs will all find a wealth of value within the pages of From Idea to Reality. This book begins with expert guidance on how to build your passion, find your purpose and develop enough self-awareness to take you to the

next level of success. The second half zooms in to reveal the essentials and presents a system for creating a strong brand and a viable business. Each chapter contains the keys to success: branding, marketing, and business strategies that are written in plain English by, Jean Paul Paulynice a successful MBA finance and marketing expert.

## **Advanced Topics in Computer Vision**

This book constitutes the refereed proceedings of the 19th International Conference on Advanced Concepts for Intelligent Vision Systems, ACIVS 2018, held in Poitiers, France, in September 2018. The 52 full papers presented in this volume were carefully reviewed and selected from 91 submissions. They were organized in topical sections named: video analysis; segmentation and classification; remote sensing; biometrics; deep learning; coding and compression; and image restoration and reconstruction.

## **Handbook of European Criminal Procedure**

Texture analysis is an important generic research area of machine vision. The potential areas of application include biomedical image analysis, industrial inspection, analysis of satellite or aerial imagery, content-based retrieval from image databases, document analysis, biometric person authentication, scene analysis for robot navigation, texture synthesis for computer graphics and animation, and image coding. Texture analysis has been a topic of intensive research for over three decades, but the progress has been very slow. A workshop on "Texture Analysis in Machine Vision" was held at the University of Oulu, Finland, in 1999, providing a forum for presenting recent research results and for discussing how to make progress in order to increase the usefulness of texture in practical applications. This book contains extended and revised versions of the papers presented at the workshop. The first part of the book deals with texture analysis methodology, while the second part covers various applications. The book gives a unique view of different approaches and applications of texture analysis. It should be of great interest both to researchers of machine vision and to practitioners in various application areas. Contents: Nonparametric Texture Analysis with Complementary Spatial Operators (M Pietikäinen & T Ojala) Multi-Resolution Clustering of Texture Images (S Battiato & G Gallo) Robustness of Local Binary Pattern (LBP) Operators to Tilt-Compensated Textures (M Soriano et al.) Using Texture in Image Similarity and Retrieval (S Aksoy & R M Haralick) Tongue Texture Analysis Using Gabor Wavelet Opponent Colour Features for Tongue Diagnosis in Traditional Chinese Medicine (P C Yuen et al.) Feature Evaluation of Texture Test Objects for Magnetic Resonance Imaging (A Materka et al.) Automatic Detection of Errors on Textures Using Invariant Grey-Scale Features and Polynomial Classifiers (M Schael & H Burkhardt) Combining Analysis and Synthesis of Textures for the Animation Industry (M Ollila et al.) and other papers Readership: Researchers, graduate students and industrialists in the field of machine vision. Keywords: Computer Vision; Image Analysis; Pattern Recognition; Feature Extraction; Classification; Segmentation; Texture Synthesis; Surface

Properties;Color Texture;Applications

## **The Principle of Mutual Recognition in EU Law**

Cybercrime and cybersecurity are of increasingly high profile not only within law enforcement but among policy makers, legal professionals and the general public. The establishment of the European Cybercrime Centre at Europol and the recent publication of guidelines on the prosecution of social media cases by the Director of Public Prosecutions serve as illustrations of the reach and impact of cybercrime related issues. As more of our day to day lives are conducted via digital mediums, cybercrime has ceased to be a purely specialist area and as technologies rapidly evolve and advance so do the challenges and threats raised, making it more important than ever for practitioners working in this area to stay up to date. Building on the detailed legal analysis in the first edition, this updated text remains the only comprehensive work to cover the complete lifecycle of cybercrimes, from their commission to their investigation and prosecution. With its clear and accessible structure, *Computer Crimes and Digital Investigations* provides essential guidance on the substantive and procedural aspects of cybercrimes for both experienced practitioners and for those new to the field. Substantial developments have occurred since the publication of the first edition of this work, in terms of the threats faced, the legislation and case law, and the response of law enforcement. The second edition will include new material on topics such as cyberwarfare; orders made against convicted criminals; and issues of surveillance and interception as well as expanded discussions of cyber security policy and laws, intermediary liability, developments in policing activities and prosecution policies, and developments in cross-border search and seizure and mutual legal assistance and extradition. An expanded comparative discussion of law and policy within the EU and under the Budapest Convention, as well as other international organizations such as the United Nations, places cybercrime in its international context.

## **Really Feely Farm**

Given our increasing dependency on computing technology in daily business processes, and the growing opportunity to use engineering technologies to engage in illegal, unauthorized, and unethical acts aimed at corporate infrastructure, every organization is at risk. *Cyber Forensics: A Field Manual for Collecting, Examining, and Preserving Evidence* o

## **Privacy, free expression and transparency**

"Digital Evidence and Computer Crime" provides the knowledge necessary to uncover and use digital evidence effectively in any kind of investigation. This completely updated edition provides the introductory materials that new students require, and also expands on the material presented in previous editions to help students develop these skills.

## **Identity and Mission of the Religious Brother in the Church**

Computer vision is the science and technology of making machines that see. It is concerned with the theory, design and implementation of algorithms that can automatically process visual data to recognize objects, track and recover their shape and spatial layout. The International Computer Vision Summer School - ICVSS was established in 2007 to provide both an objective and clear overview and an in-depth analysis of the state-of-the-art research in Computer Vision. The courses are delivered by world renowned experts in the field, from both academia and industry, and cover both theoretical and practical aspects of real Computer Vision problems. The school is organized every year by University of Cambridge (Computer Vision and Robotics Group) and University of Catania (Image Processing Lab). Different topics are covered each year. A summary of the past Computer Vision Summer Schools can be found at: <http://www.dmi.unict.it/icvss> This edited volume contains a selection of articles covering some of the talks and tutorials held during the first two editions of the school on topics such as Recognition, Registration and Reconstruction. The chapters provide an in-depth overview of these challenging areas with key references to the existing literature.

## **At the Southern Table with Paula Deen**

## **Connections Between Model Theory and Algebraic and Analytic Geometry**

In recent years, there has been a growing interest in the fields of pattern recognition and machine vision in academia and industries. New theories have been developed, with new design of technology and systems in both hardware and software. They are widely applied to our daily life to solve real problems in such diverse areas as science, engineering, agriculture, e-commerce, education, robotics, government, medicine, games and animation, medical imaging analysis and diagnosis, military, and national security. The foundation of all this field can be traced back to the late Professor King-Sun Fu, one of the founding fathers of pattern recognition, who, with visionary insight founded the probably true to say that most people are affected by, or use applications of pattern recognition in daily life. Today, on the eve of 25th anniversary of the unfortunate and untimely passing of Professor Fu, we are proud to produce this volume of collected works from world renowned professionals and experts in pattern recognition and machine vision, in honor and memory of the late Professor King-Sun Fu. We hope this book will help promote further the course, not only of fundamental principles, systems and technologies, but also its vast range of applications to help in solving problems in daily life.

## **Availability, Reliability, and Security in Information Systems**

Chiefly papers presented at a conference held at the Kulturwissenschaftliches Institut in Essen, Germany, in April 2003.

## **Computer Crimes and Digital Investigations**

The best entrepreneurs balance brilliant business ideas with a rigorous commitment to serving their customers' needs. If you read nothing else on entrepreneurship and startups, read these 10 articles by experts in the field. We've combed through hundreds of articles in the Harvard Business Review archive and selected the most important ones to help you build your company for enduring success. Leading experts and practitioners such as Clayton Christensen, Marc Andreessen, and Reid Hoffman provide the insights and advice that will inspire you to: Understand what makes entrepreneurial leaders tick Know what matters in a great business plan Adopt lean startup practices such as business model experimentation Be prepared for the race for scale in Silicon Valley Better understand the world of venture capital--and know what you'll get along with VC funding Take an alternative approach to entrepreneurship: buy an existing business and run it as CEO This collection of articles includes "Hiring an Entrepreneurial Leader," by Timothy Butler; "How to Write a Great Business Plan," by William A. Sahlman; "Why the Lean Start-Up Changes Everything," by Steve Blank; "The President of SRI Ventures on Bringing Siri to Life," by Norman Winarsky; "In Search of the Next Big Thing," an interview with Marc Andreessen by Adi Ignatius; "Six Myths About Venture Capitalists," by Diane Mulcahy; "Chobani's Founder on Growing a Start-Up Without Outside Investors," by Hamdi Ulukaya; "Network Effects Aren't Enough," by Andrei Hagiu and Simon Rothman; "Blitzscaling," an interview with Reid Hoffman by Tim Sullivan; "Buying Your Way into Entrepreneurship," by Richard S. Ruback and Royce Yudkoff; and "The Founder's Dilemma," by Noam Wasserman.

## **Video Analytics for Audience Measurement**

No one can operate effectively in the court rooms of tomorrow without a good understanding of wheres, hows and whys of digital evidence. As a cover-to-cover read to learn more about the hot topics and latest case law in e-discovery, this book can provide that understanding. After a read through, this book can be used again and again as a reference, with its appendix of useful reference materials to look up cases and arguments to use in daily practice. It's written in an easy-to-read style, making it perfect for anyone interested in e-discovery. Book jacket.

## **Pattern Recognition and Machine Vision**

La rivoluzione digitale è ormai un processo irreversibile, professionisti e cittadini operano quotidianamente integrati in ambienti digitali, per attività giuridiche, economiche e sociali. Dunque ormai, non si può prescindere dal possedere conoscenze informatiche. Il volume si prefigge di coadiuvare, in una visione lineare e fruibile a tutti, lo sviluppo di

approfondimenti sulle tecnologie dell'informazione e della comunicazione digitale con una progressione verso l'analisi degli aspetti tecnici dell'informatica forense. L'individuazione e la gestione della prova informatica, le differenti tipologie di cybercrime e computer crime, il deep e dark web, la social network analysis così come le criptovalute e gli strumenti di investigazione di live forensics, post mortem forensics e mobile forensics, sono solo alcuni dei temi trattati dagli autori.

## **Cyber Forensics**

This book presents a broad selection of cutting-edge research, covering both theoretical and practical aspects of reconstruction, registration, and recognition. The text provides an overview of challenging areas and descriptions of novel algorithms. Features: investigates visual features, trajectory features, and stereo matching; reviews the main challenges of semi-supervised object recognition, and a novel method for human action categorization; presents a framework for the visual localization of MAVs, and for the use of moment constraints in convex shape optimization; examines solutions to the co-recognition problem, and distance-based classifiers for large-scale image classification; describes how the four-color theorem can be used for solving MRF problems; introduces a Bayesian generative model for understanding indoor environments, and a boosting approach for generalizing the k-NN rule; discusses the issue of scene-specific object detection, and an approach for making temporal super resolution video.

## **Teachings of Silver Birch**

## **Machine Learning for Computer Vision**

This fourth edition of the well-established practitioner text sets out what constitutes an electronic signature, the form an electronic signature can take, and discusses the issues relating to evidence - illustrated by analysis of relevant case law and legislation from a wide range of common law and civil law jurisdictions. Stephen Mason is a leading authority on electronic signatures and electronic evidence, having advised global corporations and governments on these topics. He is also the editor of Electronic Evidence and International Electronic Evidence, and he founded the international open-source journal Digital Evidence and Electronic Signature Law Review in 2004. This book is also available online at <http://ials.sas.ac.uk/digital/humanities-digital-library/observing-law-ials-open-book-service-law>.

## **Digital Imaging for Cultural Heritage Preservation**

At Paula's house, a meal is a feast filled with the tastes, aromas, and spirited conversation reminiscent of a holiday family

gathering. Now, in this collection spanning ten years celebrity chef Paula Deen shares her secrets for transforming ordinary meals into memorable occasions. The magazine Cooking with Paula Deen celebrates its 10th Anniversary. This book includes entertaining tips, exciting new food preparation techniques and easy recipes for mouthwatering meals everyone is sure to love and no one will soon forget.

## **Registration and Recognition in Images and Videos**

The opening section of this book covers key concepts of cryptography, from encryption and digital signatures to cryptographic protocols. Essential techniques are demonstrated in protocols for key exchange, user identification, electronic elections and digital cash. The second part addresses advanced topics, such as the bit security of one-way functions and computationally perfect pseudorandom bit generators. Examples of provably secure encryption and signature schemes and their security proofs are given. Though particular attention is given to the mathematical foundations, no special background in mathematics is presumed. The necessary algebra, number theory and probability theory are included in the appendix. Each chapter closes with a collection of exercises. The second edition presents new material, including a complete description of the AES, an extended section on cryptographic hash functions, a new section on random oracle proofs, and a new section on public-key encryption schemes that are provably secure against adaptively-chosen-ciphertext attacks.

## **Distributed Computing in Big Data Analytics**

This volume constitutes the refereed proceedings of two workshops: the International Cross-Domain Conference and Workshop on Availability, Reliability and Security, CD-ARES 2014, and the 4th International Workshop on Security and Cognitive Informatics for Homeland Defense, SeCIHD 2014, co-located with the International Conference on Availability, Reliability and Security, ARES 2014, held in Fribourg, Switzerland, in September 2014. The 23 revised full papers presented were carefully reviewed and selected from numerous submissions. The papers deal with knowledge management, software security, mobile and social computing, enterprise information systems, homeland security and information processing.

## **Single-Sensor Imaging**

Unique book addressing cooperative algorithms at the MAC layer Cooperative Communications: MAC Protocols focuses on issues pertaining to the MAC layer of wireless cooperative communication networks, offering a rigorous taxonomy of this dispersed field, along with a range of application scenarios for cooperative and distributed schemes to show how these techniques can be employed. The authors provide rigorous analytical tools for reservation and contention based MACs, as well as hybrids. This is complemented by an application of developed techniques to specific wireless standards. There is

currently no book on the market which coherently discusses cooperative algorithms at the MAC layer. Introduces background, concepts, applications, milestones and thorough taxonomy of the field, along with a range of application scenarios Identifies the potential in this emerging technology applied to e.g. LTE/WiMAX, WSN Explores reservation-based, contention-based and hybrid cooperative MAC protocols, and applies rigorous mathematical tools to these Demonstrates cross-layer design to boost performance Addresses advanced MAC topics, such as opportunistic and network coded MACs Highlights future research challenges within the cooperative communications Includes an accompanying website ( <http://books.cttc.es> )

## **Introduction to E-discovery**

### **Puglia**

Explore one of Italy's best-kept culinary secrets and hottest new travel destinations with the latest addition to Phaidon's series on regional cuisines compiled from The Silver Spoon. Puglia offers more than 50 all-new, authentic and easy-to-follow recipes from The Silver Spoon kitchen that showcase the full culinary range of one of Italy's most distinctive regions. From simple antipasti (Fried Mussels) and classic pasta dishes (Orchiette with Turnip Tops), to delicious desserts (Chocolate with Figs), home cooks will be immersed in the food culture of one of most fascinating areas of Italy. Gorgeous specially commissioned photography of landscapes and regional products compliment the recipes and texts, which explore the province's unique culture, key ingredients, producers and food markets. Puglia transports home cooks from their kitchens to the olive groves and Mediterranean beaches of Italy's longest coastline and will have them cooking like an Italian in no time flat.

## **Advanced Concepts for Intelligent Vision Systems**

More than ten people are murdered every day in Ciudad Juárez, a city about the size of Philadelphia. As Mexico has descended into a feudal narco-state-one where cartels, death squads, the army, and local police all fight over billions of dollars in profits from drug and human trafficking-the border city of Juárez has been hit hardest of all. And yet, more than a million people still live there. They even love their impoverished city, proudly repeating its mantra: "Amor por Juárez." Nothing exemplifies the spirit and hope of Juarenses more than the Indios, the city's beloved but hard-luck soccer team. Sport may seem a meager distraction, but to many it's a lifeline. It drew charismatic American midfielder Marco Vidal back from Dallas to achieve the athletic dreams of his Mexican father. Team owner Francisco Ibarra and Mayor José Reyes Ferriz both thrive on soccer. So does the dubiously named crew of Indios fans, El Kartel. In this honest, unflinching, and powerful

book, Robert Andrew Powell chronicles a season of soccer in this treacherous city just across the Rio Grande, and the moments of pain, longing, and redemption along the way. As he travels across Mexico with the team, Powell reflects on this struggling nation and its watchful neighbor to the north. This story is not just about sports, or even community, but the strength of humanity in a place where chaos reigns.

## **Data Algorithms**

This offering for the Year of Consecrated Life explores the place of the Religious Brother within the Church-Communion. Following the three dimensions within which the Church-Communion presents itself, this latest document from the Congregation for Institutes of Consecrated Life and Societies of Apostolic Life develops the identity of the Brother as a mystery of communion for mission. At the centre of this triple perspective lies the heart of the identity of the Religious Brother - namely 'fraternity', which is a gift that is received (mystery), a gift that is shared (communion) and a gift that is given away (mission). The text concludes with some guidelines so that in every part of the world and in every community, each Religious Brother may respond to the question: How can we be Brothers today? As well as Religious Brothers, this document is also directed to the laity, religious priests, diocesan priests, bishops and all those who want to know about, appreciate and promote the vocation of the Religious Brother in the Church.

## **Computer Vision**

This volume offers a general overview on the handling and regulating electronic evidence in Europe, presenting a standard for the exchange process. Chapters explore the nature of electronic evidence and readers will learn of the challenges involved in upholding the necessary standards and maintaining the integrity of information. Challenges particularly occur when European Union member states collaborate and evidence is exchanged, as may be the case when solving a cybercrime. One such challenge is that the variety of possible evidences is so wide that potentially anything may become the evidence of a crime. Moreover, the introduction and the extensive use of information and communications technology (ICT) has generated new forms of crimes or new ways of perpetrating them, as well as a new type of evidence. Contributing authors examine the legal framework in place in various EU member states when dealing with electronic evidence, with prominence given to data protection and privacy issues. Readers may learn about the state of the art tools and standards utilized for treating and exchanging evidence, and existing platforms and environments run by different Law Enforcement Agencies (LEAs) at local and central level. Readers will also discover the operational point of view of LEAs when dealing with electronic evidence, and their requirements and expectations for the future. Finally, readers may consider a proposal for realizing a unique legal framework for governing in a uniform and aligned way the treatment and cross border exchange of electronic evidence in Europe. The use, collection and exchange of electronic evidence in the European Union context and

the rules, practises, operational guidelines, standards and tools utilized by LEAs, judges, Public prosecutors and other relevant stakeholders are all covered in this comprehensive work. It will appeal to researchers in both law and computer science, as well as those with an interest in privacy, digital forensics, electronic evidence, legal frameworks and law enforcement.

## **Despatches of Michele Suriano and Marc' Antonio Barbaro, Venetian Ambassadors at the Court of France, 1560-1563**

Digital Forensics for Legal Professionals provides you with a guide to digital technology forensics in plain English. In the authors' years of experience in working with attorneys as digital forensics experts, common questions arise again and again: "What do I ask for?? "Is the evidence relevant?? "What does this item in the forensic report mean?? "What should I ask the other expert?? "What should I ask you?? "Can you explain that to a jury?? This book answers many of those questions in clear language that is understandable by non-technical people. With many illustrations and diagrams that will be usable in court, they explain technical concepts such as unallocated space, forensic copies, timeline artifacts and metadata in simple terms that make these concepts accessible to both attorneys and juries. The authors also explain how to determine what evidence to ask for, evidence might be that could be discoverable, and the methods for getting to it including relevant subpoena and motion language. Additionally, this book provides an overview of the current state of digital forensics, the right way to select a qualified expert, what to expect from a qualified expert and how to properly use experts before and during trial. Includes a companion Web site with: courtroom illustrations, and examples of discovery motions Provides examples of direct and cross examination questions for digital evidence Contains a reference of definitions of digital forensic terms, relevant case law, and resources for the attorney

## **Digital Forensics for Legal Professionals**

Big data technologies are used to achieve any type of analytics in a fast and predictable way, thus enabling better human and machine level decision making. Principles of distributed computing are the keys to big data technologies and analytics. The mechanisms related to data storage, data access, data transfer, visualization and predictive modeling using distributed processing in multiple low cost machines are the key considerations that make big data analytics possible within stipulated cost and time practical for consumption by human and machines. However, the current literature available in big data analytics needs a holistic perspective to highlight the relation between big data analytics and distributed processing for ease of understanding and practitioner use. This book fills the literature gap by addressing key aspects of distributed processing in big data analytics. The chapters tackle the essential concepts and patterns of distributed computing widely used in big data analytics. This book discusses also covers the main technologies which support distributed processing.

Finally, this book provides insight into applications of big data analytics, highlighting how principles of distributed computing are used in those situations. Practitioners and researchers alike will find this book a valuable tool for their work, helping them to select the appropriate technologies, while understanding the inherent strengths and drawbacks of those technologies.

## **E-Detective. L'informatica giuridica e le applicazioni della digital forensics**

This book constitutes the refereed contest reports of the 1st International Workshop, VAAM 2014, held in Stockholm, Sweden, in August 2014. The 10 revised full papers presented were carefully reviewed and selected from 13 submissions. The aim of this workshop is to provide an overview of state of the art methods for audience measurements in retail and Digital Signage, end-users attraction, and stimulate the creation of appropriate benchmark dataset to be used as reference for the development of novel audience measurement algorithms. Papers are invited under the following topics: demographics and modeling consumer behaviour.

## **Diplomatics**

The twenty-first century offers more technology than we have ever seen before, but with new updates, and apps coming out all the time, it's hard to keep up. Essential ChromeBook is here to help. Along with easy to follow step-by-step instructions, illustrations, and photographs, this guide offers specifics in Setting up and personalising your ChromeBook Setting up Google Accounts Transferring your files Setting up printers & Cloud Print Pairing BlueTooth devices ChromeBook navigation with touchpad gestures Keyboard shortcuts Desktop, app launcher, and the app shelf Using email, Google Chrome web browser, and Google Hangouts Downloading apps and Chrome Extensions Playing music, downloading movies and TV programmes, and reading ebooks Setting up projectors and TVs for presentations or watching TV or movies Using HDMI & ChromeCast Google Photos, creating albums, and enhancing photos Using Google Docs, Sheets, Slides, and more... Unlike other books and manuals that assume a computing background not possessed by beginners, Essential ChromeBook tackles the fundamentals of Google's ChromeBook, so that everyone from students, to senior citizens, to home users pressed for time can understand. So, if you're looking for a visual guide, simplified tutorial, dummies guide, or reference, Essential ChromeBook will help you maximize the potential of Google's ChromeBooks to increase your productivity, and help you take advantage of the digital revolution.

## **Texture Analysis in Machine Vision**

Computer vision is the science and technology of making machines that see. It is concerned with the theory, design and

implementation of algorithms that can automatically process visual data to recognize objects, track and recover their shape and spatial layout. The International Computer Vision Summer School - ICVSS was established in 2007 to provide both an objective and clear overview and an in-depth analysis of the state-of-the-art research in Computer Vision. The courses are delivered by world renowned experts in the field, from both academia and industry, and cover both theoretical and practical aspects of real Computer Vision problems. The school is organized every year by University of Cambridge (Computer Vision and Robotics Group) and University of Catania (Image Processing Lab). Different topics are covered each year. A summary of the past Computer Vision Summer Schools can be found at: <http://www.dmi.unict.it/icvss> This edited volume contains a selection of articles covering some of the talks and tutorials held during the last editions of the school. The chapters provide an in-depth overview of challenging areas with key references to the existing literature.

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