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Soggetti	Data encryption (Computer science)
	Applied mathematics
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Method for Evaluating the Security Risk of a Website Against Phishing Attacks -- CyberIR – A Technological Approach to Fight Cybercrime -- The Banknote Anti-forgery System Based on Digital Signature Algorithms -- Sequence Matching for Suspicious Activity Detection in Anti-Money Laundering -- Data Protection in Memory Using Byte Reordering -- Highly Efficient Password-Based Three-Party Key Exchange in Random Oracle Model -- A Pairwise Key Pre-distribution Scheme for Wireless Sensor Network -- Attacks on SVD-Based Watermarking Schemes -- Trigger Based Security Alarming Scheme for Moving Objects on Road Networks -- Reducing False Alarm of Video-Based Smoke Detection by Support Vector Machine -- Privacy-Preserving Collaborative Social Networks -- Efficient Secret Authenticatable Anonymous Signcryption Scheme with Identity Privacy -- How to Publicly Verifiably Expand a Member without Changing Old Shares in a Secret Sharing Scheme -- Comparing Two Models for Terrorist Group Detection: GDM or OGDM? -- Applying Case-Based Reasoning and Expert Systems to Coastal Patrol Crime Investigation in Taiwan -- Integrating Data Sources and Network Analysis Tools to Support the Fight Against Organized Crime -- Visual Analytics for Supporting Entity Relationship Discovery on Text Data -- Feature Weighting and Selection for a Real-Time Network Intrusion Detection System Based on GA with KNN -- Locality-Based Server Profiling for Intrusion Detection -- Pacific Asia Workshop on Cybercrime and Computer Forensics (PACCF 2008) -- A Simple WordNet-Ontology Based Email Retrieval System for Digital Forensics -- Preservation of Evidence in Case of Online Gaming Crime -- Dataset Analysis of Proxy Logs Detecting to Curb Propagations in Network Attacks -- Identifying Chinese E-Mail Documents' Authorship for the Purpose of Computer Forensic -- A Collaborative Forensics Framework for VoIP Services in Multi-network Environments -- Wireless Forensic: A New Radio Frequency Based Locating System -- Applying Public-Key Watermarking Techniques in Forensic Imaging to Preserve the Authenticity of the Evidence -- Computer Forensics and Culture -- E-Commerce Security: The Categorical Role of Computers in Forensic Online Crime -- Forensic Artifacts of Microsoft Windows Vista System -- Workshop on Social Computing (SOCO 2008) -- How Useful Are Tags? — An Empirical Analysis of Collaborative Tagging for Web Page Recommendation -- A Generative Model for Statistical Determination of Information Content from Conversation Threads -- Using "Cited by" Information to Find the Context of Research Papers -- Online Communities: A Social Computing Perspective -- User-Centered Interface Design of Social Websites -- Discovering Trends in Collaborative Tagging Systems -- Socio-contextual Filters for Discovering Similar Knowledge-Gathering Tasks in Generic Information Systems -- Exploring Social Dynamics in Online Bookmarking Systems -- Dispositional Factors in the Use of Social Networking Sites: Findings and Implications for Social Computing Research -- Agent-Based Social Simulation and Modeling in Social Computing -- Transforming Raw-Email Data into Social-Network Information -- Using Social Networks to Organize Researcher Community -- Online Gaming Perpetrators Model -- Proposal for a Multiagent Architecture for Self-Organizing Systems (MA-SOS) -- Applying Text Mining to Assist People Who Inquire HIV/AIDS Information from Internet -- Polarity Classification of Public Health Opinions in Chinese -- Parallel Crawling and Capturing for On-Line Auction -- A New Credit Card Payment Scheme Using Mobile Phones Based on Visual Cryptography -- Detecting Hidden Hierarchy in Terrorist Networks: Some Case Studies -- Keyphrase Extraction from Chinese News Web Pages Based on Semantic Relations -- Automatic

Recognition of News Web Pages -- Understanding Users' Attitudes Towards Using a VoIP Survey -- Privacy-Preserving Collaborative E-Voting -- Privacy-Aware Access Control through Negotiation in Daily Life Service.

Sommario/riassunto	This book constitutes the refereed proceedings of the three international workshops PAISI 2008, PACCF 2008, and SOCO 2008, held as satellite events of the IEEE International Conference on Intelligence and Security Informatics, ISI 2008, in Taipei, Taiwan, in June 2008. The 55 revised full papers presented were carefully reviewed and selected from the presentations at the workshops. The 21 papers of the Pacific Asia Workshop on Intelligence and Security Informatics (PAISI 2008) cover topics such as information retrieval and event detection, internet security and cybercrime, currency and data protection, cryptography, image and video analysis, privacy issues, social networks, modeling and visualization, and network intrusion detection. The Pacific Asia Workshop on Cybercrime and Computer Forensics (PACCF 2008) furnishes 10 papers about forensic information management, forensic technologies, and forensic principles and tools. The 24 papers of the Workshop on Social Computing (SOCO 2008) are organized in topical sections on social web and social information management, social networks and agent-based modeling, as well as social opinions, e-commerce, security and privacy considerations.