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Descrizione fisica	1 online resource (XX, 524 p. 241 illus.)
Collana	Information Systems and Applications, incl. Internet/Web, and HCI, , 2946-1642 ; ; 8104
Disciplina	004.6
Soggetti	Computer networks Application software Pattern recognition systems Software engineering Algorithms Information storage and retrieval systems Computer Communication Networks Computer and Information Systems Applications Automated Pattern Recognition Software Engineering Information Storage and Retrieval
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	International conference proceedings.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	What is the Value of Information – Search Engine’s Point of View -- Application of Combined Classifiers to Data Stream Classification -- Efficacy of Some Primary Discriminant Functions in Diagnosing Planetary Gearboxes -- Biometrics and Bioemetrics Applications Identification of Persons by Virtue of Hand Geometry -- User Authentication for Mobile Devices -- Modified kNN Algorithm for Improved Recognition Accuracy of Biometrics System Based on Gait -- An Application of the Curvature Scale Space Shape Descriptor for Forensic Human Identification Based on Orthopantomograms -- The

Impact of Temporal Proximity between Samples on Eye Movement
Biometric Identification -- Biomedical Distributed Signal Processing and
Analysis -- Effect of Slice Thickness on Texture-Based Classification of
Liver Dynamic CT Scans -- Independent Component Analysis for EEG
Data Preprocessing - Algorithms Comparison -- An Adequate
Representation of Medical Data Based on Partial Set Approximation --
Pattern Recognition and Image Processing Bengali Printed Character
Recognition – A New Approach -- Eye Location and Eye State Detection
in Facial Images Using Circular Hough Transform -- Recognition of
Occluded Faces Based on Multi-subspace Classification -- Mahalanobis
Distance-Based Algorithm for Ellipse Growing in Iris Preprocessing --
The Data Exploration System for Image Processing Based on Server-
Side Operations -- Image Restoration Using Anisotropic Stochastic
Diffusion Collaborated with Non Local Means -- Various Aspects of
Computer Security A Practical Certificate and Identity Based Encryption
Scheme and Related Security Architecture -- Study of Security Issues in
Pervasive Environment of Next Generation Internet of Things --
Security Issues of IPv6 Network Autoconfiguration -- Security Aspects
of Virtualization in Cloud Computing -- Threshold Method of Detecting
Long-Time TPM Synchronization -- The Removal of False Detections
from Foreground Regions Extracted Using Adaptive Background
Modelling for a Visual Surveillance System -- Using Backward Induction
Techniques in (Timed) Security Protocols Verification --
Telecommunications Networks Risk Assessment with Bayesian
Networks -- Power Aware Cluster Based Routing (PACBR) Protocol for
Wireless Sensor Network -- A Novel Incentive Based Scheme to Contain
Selective Forwarding in Wireless Sensor Network -- Synthetic Social
Network Based on Competency-Based Description of Human Resources
-- Displaying Genealogy with Adoptions and Multiple Remarriages
Using the WHIteBasE -- User Relevance for Item-Based Collaborative
Filtering -- Extraction of Agent Groups with Similar Behaviour Based on
Agent Profiles -- Aesthetic Patterns from the Perturbed Orbits of
Discrete Dynamical Systems -- Weighted Approach to Projective
Clustering -- Machine Learning with Known Input Data Uncertainty
Measure -- Learning Algorithms in the Detection of Unused
Functionalities in SOA Systems -- Construction of Sequential Classifier
Using Confusion Matrix -- Growing Neural Gas – A Parallel Approach --
Modified Moment Method Estimator for the Shape Parameter of
Generalized Gaussian Distribution for a Small Sample Size -- Trajectory
Estimation for Exponential Parameterization and Different Samplings --
Searching in the Structured Space of the Braille Music -- Solving Steel
Alloying Using Differential Evolution and SOMA -- The Cost Estimation
of Production Orders -- Achieving Desired Cycle Times by Modelling
Production Systems -- Artificial Neural Networks as Tools for
Controlling Production Systems and Ensuring Their Stability --
Generalized Predictive Control for a Flexible Single-Link Manipulator --
A Disruption Recovery Model in a Production-Inventory System with
Demand Uncertainty and Process Reliability.

Sommario/riassunto

This book constitutes the proceedings of the 12th IFIP TC 8
International Conference, CISIM 2013, held in Cracow, Poland, in
September 2013. The 44 papers presented in this volume were
carefully reviewed and selected from over 60 submissions. They are
organized in topical sections on biometric and biomedical applications;
pattern recognition and image processing; various aspects of computer
security, networking, algorithms, and industrial applications. The book
also contains full papers of a keynote speech and the invited talk.
