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Soggetti	Computational intelligence Artificial intelligence Computational Intelligence Artificial Intelligence
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Touchless Target Selection Techniques for Wearable Augmented Reality Systems -- Improving User Experience of Cultural Environment Through IoT: the Beauty or the Truth Case Study -- A Multimedia Summarizer Integrating Text And Images -- c-Space: A Mobile Framework for the Visualization of Spatial-temporal 3D Models -- The Method to Verify Facial Shape Model -- Effective Visualization of a Big Data Banking Application -- A Study About the Comprehensibility of Pictograms for Order Picking processes with Disabled People and People with Altered Performance -- Mining Popular Travel Routes from Social Network Geo-Tagged Data -- Enhancing Workspace Composition by Exploiting Linked Open Data as a Polymorphic Data Source -- Benjamin Franklin's Decision Method Is Acceptable and Helpful with a Conversational Agent -- Towards Model-Driven Assessment of Clinical Processes -- A Monitoring System for the Recognition of Sleeping Disorders in Patients with Cognitive Impairment Disease -- Mersenne-Walsh Matrices for Image Processing -- Frequency Characteristics for Video Sequences Processing -- Expansion of the Quasi-Orthogonal Basis to Mask Images -- Performance Analysis of Prediction Methods

for Lossless Image Compression -- Non-Stationary Correlation Noise Modeling for Transform Domain Wyner-Ziv Video Coding -- Fusion of Airborne LiDAR and Digital Photography Data for Tree Crowns Segmentation and Measurement -- Digital Gray-Scale Watermarking Based on Biometrics -- New Non-intrusive Speech Quality Assessment Algorithm for Wireless Networks -- Block-Permutation LDPC Codes for Distributed Storage Systems -- Estimation of the Mean Message Delay for Transport Coding -- Sustainable Flat Ride Suspension Design -- Better Road Design for Autonomous Vehicles Using Clothoids -- Towards Formal Modelling of Autonomous Systems -- Developing a Navigation System for Mobile Robots -- Experimental Flight Test for Autonomous Station-Keeping of a Lighter-Than-Air Vehicle -- Experimental Evaluation of Multi-Key Content-Based Image Retrieval -- A Simple Medium Access Scheme Based on Spread Spectrum Suitable For Wireless Ad Hoc Networks -- Implementation of Tree-Based Data Collection Scheme for Arduino-compatible board.-Analysis of Driving Behaviors at Roundabout Intersections by using Driving Simulator -- Is Experience of Novel Reading Useful to Compose Technical Papers? A Movement Algorithm for Evacuee Agents in Disaster Simulators: Towards the Development of Evacuation Guidance Systems Based on Ant Colony Systems Using MANET.

Sommario/riassunto

Intelligent interactive multimedia systems and services will be ever more important in computer systems. Nowadays, computers are widespread and computer users range from highly qualified scientists to non-computer expert professionals. Therefore, designing dynamic personalization and adaptivity methods to store, process, transmit and retrieve information is critical for matching the technological progress with the consumer needs. This book contains the contributions presented at the eighth international KES conference on Intelligent Interactive Multimedia: Systems and Services, which took place in Sorrento, Italy, June 17-19, 2015. It contains 33 peer-reviewed scientific contributions that focus on issues ranging from intelligent image or video storage, retrieval, transmission and analysis to knowledge-based technologies, from advanced information technology architectures for video processing and transmission to advanced functionalities of information and knowledge-based services. We believe that this book will serve as a useful source of knowledge for both academia and industry, for all those faculty members, research scientists, scholars, Ph.D. students and practitioners, who are interested in fundamental and applied facets of intelligent interactive multimedia.
