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| Nota di contenuto | Modern Video-to-Video Communications to Enhance Citizens' Quality of Life and Create Opportunities for Growth in "Smart" European Cities -- Optimal Video Delivery in Mobile Networks Using a Cache Accelerated Multi Area eMBMS Architecture -- Video-to-Video E-Health Applications Supporting Medical Use Cases for Remote Patients -- The Potential of Telemedicine -- Software-Defined Networking: Guidelines for Experimentation and Validation in Large-Scale Real World Scenarios -- Remote Video-to-Video Eye Telemonitoring Use Case for Glaucoma Patients -- ICT in the Future Classrooms and Teaching: Preparing the Knowledge Workers of the 21st Century -- Promoting ICT Skills through Online Services: Case Study of Video Use for Adult Education in |

Municipalities -- Modification of Colors in Images for Enhancing the Visual Perception of Protanopes -- Extracting Knowledge from Collaboratively Annotated Ad Video Content -- Mining Biological Data on the Cloud. – A MapReduce Approach -- On-line Minimum Closed Covers -- Reciprocal Rank Using Web Page Popularity -- A Survey of Geo-tagged Multimedia Content Analysis within Flickr -- Algebraic Interpretations towards Clustering Protein Homology Data -- Comparative Evaluation of Feature Extraction Methods for Human Motion Detection -- Eye Blink Artifact Removal in EEG Using Tensor Decomposition -- The Greek Audio Dataset -- Affect in Complex Decision-Making Systems: From Psychology to Computer Science Perspectives -- InfluenceTracker: Rating the Impact of a Twitter Account -- A New Framework for Bridging the Gap from Protein-Protein Interactions to Biological Process Interactions -- Adjusting the Tests According to the Perception of Greek Students Who Are Taught Russian Motion Verbs via Distance Learning -- CSMR: A Scalable Algorithm for Text Clustering with Cosine Similarity and MapReduce -- From Conformal to Probabilistic Prediction -- Aggregated Conformal Prediction -- A Cross-Conformal Predictor for Multi-label Classification -- SVM Venn Machine with k-Means Clustering -- Efficiency Comparison of Unstable Transductive and Inductive Conformal Classifiers -- Anomaly Detection of Trajectories with Kernel Density Estimation by Conformal Prediction -- Rule Extraction with Guaranteed Fidelity -- Conformal Prediction under Probabilistic Input -- Rule-Based Impact Analysis for Enterprise Business Intelligence -- Feature Extraction and Visual Feature Fusion for the Detection of Concurrent Prefix Hijacks -- Linking Data in the Insurance Sector: A Case Study -- Enhanced Visual Analytics Services for the Optimal Planning of Renewable Energy Resources Installations -- Integrating High Volume Financial Datasets to Achieve Profitable and Interpretable Short Term Trading with the FTSE100 Index.

Sommario/riassunto

This book constitutes the refereed proceedings of four AIAI 2014 workshops, co-located with the 10th IFIP WG 12.5 International Conference on Artificial Intelligence Applications and Innovations, AIAI 2014, held in Rhodes, Greece, in September 2014: the Third Workshop on Intelligent Innovative Ways for Video-to-Video Communications in Modern Smart Cities, IIVC 2014; the Third Workshop on Mining Humanistic Data, MHDW 2014; the Third Workshop on Conformal Prediction and Its Applications, CoPA 2014; and the First Workshop on New Methods and Tools for Big Data, MT4BD 2014. The 36 revised full papers presented were carefully reviewed and selected from numerous submissions. They cover a large range of topics in basic AI research approaches and applications in real world scenarios.
