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Collana	Lecture Notes in Computer Science Series
Disciplina	003.54
Soggetti	Conceptual structures (Information theory)
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Nota di contenuto	Complexity and Database Theory -- Functional Dependencies with Predicates: What Makes the g3-error Easy to Compute? -- Formal Concept Analysis: Theoretical Advances -- Squared symmetric formal contexts and their connections with correlation matrices -- Aggregation Functions and Extent Structure Preservation in Formal Concept Analysis -- On pseudointents in Fuzzy Formal Concept Analysis -- Maximal Ordinal Two-Factorizations -- A Note on the Number of (Maximal) Antichains in the Lattice of set Partitions -- Formal Concept Analysis: Applications -- Formal Concept Analysis for Trace Clustering in Process Mining -- Summarization of massive RDF graphs using identifier classification -- Towards a Flexible and Scalable Data Stream Algorithm in FCA -- Modelling and Explanation -- Postmodern Human-Machine Dialogues: a Pedagogical Inquiry Experiment -- Conceptual Modelling with Euler+ Diagrams -- Automatic Textual Explanations of Concept Lattices -- Semantic Web and Graphs -- Ontology Population from French Classified Ads -- Graph Extraction for Assisting Crash Simulation Data Analysis -- Posters -- Factorization of formal contexts from modal operators -- Towards confirmation measures to mixed attribute implications -- Concept lattices as a reduction tool for fuzzy relation equations -- Analysis of Slovak Court Decisions by Formal Concept Analysis and

This book constitutes the refereed deadline proceedings of the 28th International Conference on Graph-Based Representation and Reasoning, ICCS 2023, held in Berlin, Germany, during September 11–13, 2023. The 9 full papers, 5 short papers and 4 Posters are included in this book were carefully reviewed and selected from 32 submissions. They were organized in topical sections as follows: Complexity and Database Theory, Formal Concept Analysis: Theoretical Advances, Formal Concept Analysis: Applications, Modelling and Explanation, Semantic Web and Graphs, Posters.