

1. Record Nr.	UNINA9910483079403321
Titolo	Formal Concept Analysis : 4th International Conference, ICFCA 2006, Dresden, Germany, February 13-17, 2006, Proceedings // edited by Rokia Missaoui, Jürg Schmid
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2006
ISBN	3-540-32204-3
Edizione	[1st ed. 2006.]
Descrizione fisica	1 online resource (X, 314 p.)
Collana	Lecture Notes in Artificial Intelligence, , 2945-9141 ; ; 3874
Altri autori (Persone)	MissaouiR SchmidJurg <1944->
Disciplina	006.3
Soggetti	Artificial intelligence Computer science - Mathematics Discrete mathematics Machine theory Software engineering Information storage and retrieval systems Algebra Artificial Intelligence Discrete Mathematics in Computer Science Formal Languages and Automata Theory Software Engineering Information Storage and Retrieval Order, Lattices, Ordered Algebraic Structures
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Invited Lectures -- Methods of Conceptual Knowledge Processing -- An Enumeration Problem in Ordered Sets Leads to Possible Benchmarks for Run-Time Prediction Algorithms -- Attribute Implications in a Fuzzy Setting -- The Assessment of Knowledge, in Theory and in Practice -- Regular Papers -- The Basic Theorem on Preconcept Lattices -- The Tensor Product as a Lattice of Regular Galois Connections -- Two Instances of Peirce's Reduction Thesis -- Very Fast Instances for

Concept Generation -- Negation, Opposition, and Possibility in Logical  
Concept Analysis -- A Note on Negation: A PCS-Completion of  
Semilattices -- Towards a Generalisation of Formal Concept Analysis  
for Data Mining Purposes -- Interactive Association Rules Discovery --  
About the Family of Closure Systems Preserving Non-unit Implications  
in the Guigues-Duquenne Base -- Spatial Indexing for Scalability in FCA  
-- Homograph Disambiguation Using Formal Concept Analysis --  
Using Concept Lattices to Uncover Causal Dependencies in Software --  
An FCA Interpretation of Relation Algebra -- Spring-Based Lattice  
Drawing Highlighting Conceptual Similarity -- Characterizing Planar  
Lattices Using Left-Relations -- Automated Layout of Small Lattices  
Using Layer Diagrams -- Counting Pseudo-intents and #P-  
completeness.

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Sommario/riassunto

This book constitutes the refereed proceedings of the 4th International Conference on Formal Concept Analysis, held in February 2006. The 17 revised full papers presented together with four invited papers were carefully reviewed and selected for inclusion in the book. The papers show advances in applied lattice and order theory and in particular scientific advances related to formal concept analysis and its practical applications: data and knowledge processing including data visualization, information retrieval, machine learning, data analysis and knowledge management.

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