1. Record Nr. UNINA9910144924903321

Titolo	Principles of Data Mining and Knowledge Discovery : First European Symposium, PKDD '97, Trondheim, Norway, June 24-27, 1997 Proceedings / / edited by Jan Komorowski, Jan Zytkow
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 1997
ISBN	3-540-69236-3
Edizione	[1st ed. 1997.]
Descrizione fisica	1 online resource (XII, 404 p.)
Collana	Lecture Notes in Artificial Intelligence ; ; 1263
Disciplina	006.3/1
Soggetti	Artificial intelligence Information storage and retrieval Multimedia systems Mathematical statistics Information technology Business—Data processing Artificial Intelligence Information Storage and Retrieval Multimedia Information Systems Probability and Statistics in Computer Science IT in Business
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Knowledge discovery — A control theory perspective -- Modelling customer retention with Rough Data Models -- Share based measures for itemsets -- Parallel knowledge discovery using domain generalization graphs -- Rough set theory and rule induction techniques for discovery of attribute dependencies in medical information systems -- Logical calculi for knowledge discovery in databases -- Extraction of experts' decision process from clinical databases using rough set model -- Discovering of health risks and case-based forecasting of epidemics in a health surveillance system -- An algorithm for multi-relational discovery of subgroups -- Finding similar time series -- Exploration of document collections with self-

organizing maps: A novel approach to similarity representation -- Pattern based browsing in document collections -- Induction of fuzzy characteristic rules -- Regression-based classification methods and their comparison with decision tree algorithms -- Attribute discovery and rough sets -- Generation of rules from incomplete information systems -- Knowledge discovery from software engineering data: Rough set analysis and its interaction with goal-oriented measurement -- Efficient multisplitting on numerical data -- SNOUT: An intelligent assistant for exploratory data analysis -- Exploratory analysis of biochemical processes using hybrid modeling methods -- Using signature files for querying time-series data -- A new and versatile method for association generation -- Bivariate decision trees -- Towards process-oriented tool support for knowledge discovery in databases -- A connectionist approach to structural similarity determination as a basis of clustering, classification and feature detection -- Searching for relational patterns in data -- Finding spatial clusters -- Interactive interpretation of hierarchical clustering -- The principle of transformation between efficiency and effectiveness: Towards a fair evaluation of the cost-effectiveness of KDD techniques -- Recognizing reliability of discovered knowledge -- Clustering techniques in biological sequence analysis -- TOAS intelligence mining; analysis of natural language processing and computational linguistics -- Algorithms for constructing of decision trees -- Mining in the phrasal frontier -- Mining time series using rough sets — A case study -- Neural networks design: Rough set approach to continuous data -- On meta levels of an organized society of KDD agents -- Using neural network to extract knowledge from database -- Induction of strong feature subsets -- Rough sets for data mining and knowledge discovery -- Techniques and applications of KDD -- A tutorial introduction to high performance data mining -- Data mining in the telecommunications industry.

Sommario/riassunto

This book constitutes the refereed proceedings of the First European Symposium on Principles of Data Mining and Knowledge Discovery, PKDD '97, held in Trondheim, Norway, in June 1997. The volume presents a total of 38 revised full papers together with abstracts of one invited talk and four tutorials. Among the topics covered are data and knowledge representation, statistical and probabilistic methods, logic-based approaches, man-machine interaction aspects, AI contributions, high performance computing support, machine learning, automated scientific discovery, quality assessment, and applications.

2. Record Nr. UNINA9910483343603321

Titolo	Web Engineering : 5th International Conference, ICWE 2005, Sydney, Australia, July 27-29, 2005, Proceedings / / edited by David Lowe, Martin Gaedke
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2005
Edizione	[1st ed. 2005.]
Descrizione fisica	1 online resource (XXII, 633 p.)
Collana	Information Systems and Applications, incl. Internet/Web, and HCI, , 2946-1642 ; ; 3579
Altri autori (Persone)	LoweDavid Brian <1966-> GaedkeMartin
Disciplina	004.67/8
Soggetti	Information storage and retrieval systems Computer networks Software engineering Application software Multimedia systems Artificial intelligence Information Storage and Retrieval Computer Communication Networks Software Engineering Computer and Information Systems Applications Multimedia Information Systems Artificial Intelligence
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	Keynotes -- Web Engineering Milieu -- Evaluation and Verification -- Non-functional Requirements / Testing -- Miscellaneous 1 -- Query / Retrieval -- Applications 1 -- Applications 2 -- Applications 3 -- Ontologies / XML -- Semantics / Web Services -- Security -- Miscellaneous 2 -- Design 1 (Adaptation / User-Awareness) -- Design 2 (Model-Based Approaches) -- Design 3 (End-Users / Requirements) -- Design 4 (Frameworks / Commercial Experience) -- Design 5 --

Posters -- Demos.

Sommario/riassunto

Over the last few years Web Engineering has begun to gain mainstream acc- tance within the software engineering, IT and related disciplines. In particular, both researchers and practitioners are increasingly recognizing the unique c- racteristics of Web systems, and what these characteristicsimply in terms of the approaches we take to Web systems development and deployment in practice. A scan of the publications in related conference proceedings and journals highlights the diversity of the discipline areas which contribute to both the ri- ness and the complexity of Web Engineering. The 5th International Conference on Web Engineering (ICWE2005), held in Sydney, Australia, extends the traditions established by the earlier conferences in the series: ICWE2004 in Munich, Germany; ICWE2003 in Oviedo, Spain; ICWE2002 in Santa Fe, Argentina; and ICWE2001 in Caceres, ´ Spain. Not only have these conferences helped disseminate cutting edge research within the ?eld of Web Engineering, but they have also helped de?ne and shape the discipline itself. TheprogramwehaveputtogetherforICWE2005continuesthisevolution. Indeed, we can now begin to see the maturing of the ?eld. For possibly the ?rst time, there was very little debate within the Program Committee about which papers were in and out of scope, and much more debate as to the each papers contributions to the ?eld.