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Collana	Lecture Notes in Artificial Intelligence ; ; 4944
Disciplina	006.312
Soggetti	Data mining Information storage and retrieval Data structures (Computer science) Data Mining and Knowledge Discovery Information Storage and Retrieval Data Structures Data Storage Representation
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Session A1 -- Using Text Mining and Link Analysis for Software Mining -- Generalization-Based Similarity for Conceptual Clustering -- Trajectory Analysis of Laboratory Tests as Medical Complex Data Mining -- Session A2 -- Conceptual Clustering Applied to Ontologies -- Feature Selection: Near Set Approach -- Evaluating Accuracies of a Trading Rule Mining Method Based on Temporal Pattern Extraction -- Session A3 -- Discovering Word Meanings Based on Frequent Termsets -- Quality of Musical Instrument Sound Identification for Various Levels of Accompanying Sounds -- Discriminant Feature Analysis for Music Timbre Recognition and Automatic Indexing -- Session A4 -- Contextual Adaptive Clustering of Web and Text Documents with Personalization -- Improving Boosting by Exploiting Former Assumptions -- Discovery of Frequent Graph Patterns that Consist of the Vertices with the Complex Structures -- Session B1 -- Finding

Composite Episodes -- Ordinal Classification with Decision Rules --
Data Mining of Multi-categorized Data -- ARAS: Action Rules Discovery
Based on Agglomerative Strategy -- Session B2 -- Learning to Order: A
Relational Approach -- Using Semantic Distance in a Content-Based
Heterogeneous Information Retrieval System -- Using Secondary
Knowledge to Support Decision Tree Classification of Retrospective
Clinical Data -- POM Centric Multi-aspect Data Analysis for
Investigating Human Problem Solving Function.

Sommario/riassunto

This book constitutes the refereed proceedings of the Third
International Workshop on Mining Complex Data, MCD 2007, held in
Warsaw, Poland, in September 2007, co-located with ECML and PKDD
2007. The 20 revised full papers presented were carefully reviewed and
selected; they present original results on knowledge discovery from
complex data. In contrast to the typical tabular data, complex data can
consist of heterogenous data types, can come from different sources,
or live in high dimensional spaces. All these specificities call for new
data mining strategies.
