1. Record Nr. UNINA9910739486903321

Autore	Silbergleit Alexander S
Titolo	Interacting Dark Energy and the Expansion of the Universe / / by Alexander S. Silbergleit, Arthur D. Chernin
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
ISBN	3-319-57538-4
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (IX, 79 p. 11 illus., 5 illus. in color.)
Collana	SpringerBriefs in Physics, , 2191-5423
Disciplina	523.18
Soggetti	Cosmology Gravitation Particles (Nuclear physics) Quantum field theory Classical and Quantum Gravitation, Relativity Theory Elementary Particles, Quantum Field Theory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Introduction. Non-Uniform Dark Energy -- Friedmann Cosmology with Changing Dark Energy -- Cosmology with Dark Energy and a Single Type of Matter: General Interaction Model -- Friedmann Cosmology with Interaction between Dark Energy and Multi-Phase Matter -- Conclusion -- Why Does the Universe Expand? (A Tribute to E.B. Gliner).
Sommario/riassunto	This book presents a high-level study of cosmology with interacting dark energy and no additional fields. It is known that dark energy is not necessarily uniform when other sources of gravity are present: interaction with matter leads to its variation in space and time. The present text studies the cosmological implications of this circumstance by analyzing cosmological models in which the dark energy density interacts with matter and thus changes with the time. The book also includes a translation of a seminal article about the remarkable life and work of E.B. Gliner, the first person to suggest the concept of dark energy in 1965.

2. Record Nr. UNINA9910768436203321

Titolo	Modeling Decisions for Artificial Intelligence : 4th International Conference, MDAI 2007, Kitakyushu, Japan, August 16-18, 2007, Proceedings / / edited by Yasuo Narukawa, Yuji Yoshida
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2007
ISBN	3-540-73729-4
Edizione	[1st ed. 2007.]
Descrizione fisica	1 online resource (XII, 502 p.)
Collana	Lecture Notes in Artificial Intelligence, , 2945-9141 ; ; 4617
Disciplina	006.3
Soggetti	Artificial intelligence Machine theory Computer science Data mining Computer simulation Operations research Artificial Intelligence Formal Languages and Automata Theory Theory of Computation Data Mining and Knowledge Discovery Computer Modelling Operations Research and Decision Theory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"... the 4th International Conference on Modeling Decisions for Artificial Intelligence (MDAI 2007)"--Pref.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Invited Papers -- An Overview of Fuzzy Relational Calculus and Its Applications -- Golden Quadruplet: Optimization - Inequality - Identity - Operator -- Algorithms for String Pattern Discovery -- Voting in the Medieval Papacy and Religious Orders -- Decision Making -- Static and Dynamic Coalition Formation in Group-Choice Decision Making -- A Multicriteria Fuzzy System Using Residuated Implication Operators and Fuzzy Arithmetic -- A Behavioral Analysis in Decision Making Using Weather Information with the Fuzzy Target Based Decision Model -- Group Decision Making: From Consistency to Consensus -- Weighting

Individual Opinions in Group Decision Making -- An Active Learning Method Based on Most Possible Misclassification Sampling Using Committee -- Research on Next Generation Grids Using a Fuzzy Assessment Method -- Combining Prioritized Decisions in Classification -- An Aggregation of Agents, Roles and Coalition Formation to Support Collaborative and Dynamic Organizations -- Non Additive Measures and Concept Lattices -- Multidimensional Fuzzy Integrals -- Lindig's Algorithm for Concept Lattices over Graded Attributes -- A Version of Lebesgue Decomposition Theorem for Non-additive Measure -- Trees in Concept Lattices -- An Axiomatization of Shapley Values of Games on Set Systems -- Clustering and Rough Sets -- Formulation of Fuzzy c-Means Clustering Using Calculus of Variations -- CWC: A Clustering-Based Feature Weighting Approach for Text Classification -- A Novel Spatial Clustering Algorithm with Sampling -- Algorithms for Sequential Extraction of Clusters by Possibilistic Clustering -- Fuzzy c-Means for Data with Tolerance Defined as Hyper-Rectangle -- Kernel Functions Based on Fuzzy Neighborhoods and Agglomerative Clustering -- c-Means Clustering on the Multinomial Manifold -- On a Rough SetsBased Tool for Generating Rules from Data with Categorical and Numerical Values -- Applying Rough Sets to Information Tables Containing Probabilistic Values -- Soft Computing -- Fuzzy Extension of Estimations with Randomness: The Perception-Based Approach -- Boltzmann Machine Incorporated Hybrid Neural Fuzzy System for Hardware/Software Partitioning in Embedded System Design -- Artificial Bee Colony (ABC) Optimization Algorithm for Training Feed-Forward Neural Networks -- A Multi-supplier and Return-Policy Newsboy Model with Limited Budget and Minimum Service Level by Using GA -- Performance Enhancement of RBF Networks in Classification by Removing Outliers in the Training Phase -- An Evolutionary Algorithm with Diversified Crossover Operator for the Heterogeneous Probabilistic TSP -- Applications -- Ordered Data Set Vectorization for Linear Regression on Data Privacy -- A Public-Key Protocol for Social Networks with Private Relationships -- An Incentive-Based System for Information Providers over Peer-to-Peer Mobile Ad-Hoc Networks -- Classification of Normal and Tumor Tissues Using Geometric Representation of Gene Expression Microarray Data -- A Seed-Based Method for Predicting Common Secondary Structures in Unaligned RNA Sequences -- Automatic Segmentation of Neoplastic Hepatic Disease Symptoms in CT Images -- A Robust Localization Method for Mobile Robots Based on Ceiling Landmarks -- Robust Parameter Decision-Making Based on Multidisciplinary Knowledge Model -- Resolution of Singularities and Stochastic Complexity of Complete Bipartite Graph-Type Spin Model in Bayesian Estimation -- A Study of Emotion Recognition and Its Applications -- Error Detection and Correction Based on Chinese Phonemic Alphabet in Chinese Text -- Mining Frequent Diamond Episodes from Event Sequences -- ModelingDecisions for the Time-Dependent Optimal Lane Configuration Policy with Queueing Theory and Mathematical Programming.

Sommario/riassunto

Decision modeling is a key area in the developing field of AI, and this timely work connects researchers and professionals with the very latest research. It constitutes the refereed proceedings of the 4th International Conference on Modeling Decisions for Artificial Intelligence, held in Kitakyushu, Japan, in August 2007. The 42 revised full papers presented together with 4 invited lectures are devoted to theory and tools, as well as applications.