1. Record Nr. UNINA9910483703303321

Titolo	Computational Intelligence for Knowledge-Based System Design : 13th IPMU Conference, Dortmund, Germany, June 28 - July 2, 2010. Proceedings / / edited by Eyke Hüllermeier, Rudolf Kruse, Frank Hoffmann
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2010
ISBN	1-280-38758-0 9786613565501 3-642-14049-1
Edizione	[1st ed. 2010.]
Descrizione fisica	1 online resource (XVII, 771 p. 183 illus.)
Collana	Lecture Notes in Artificial Intelligence, , 2945-9141 ; ; 6178
Altri autori (Persone)	HullermeierEyke KruseRudolf HoffmannFrank <1964->
Disciplina	006.33
Soggetti	Artificial intelligence Computer programming Compilers (Computer programs) Database management Application software Computer science Artificial Intelligence Programming Techniques Compilers and Interpreters Database Management Computer and Information Systems Applications Theory of Computation
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	Machine Learning and Data Mining -- Towards a Conscious Choice of a Fuzzy Similarity Measure: A Qualitative Point of View -- A Stochastic Treatment of Similarity -- Order-Based Equivalence Degrees for Similarity and Distance Measures -- Comparing Partitions by Subset

Similarities -- Finitely Valued Indistinguishability Operators -- Discovering Rules-Based Similarity in Microarray Data -- Fuzzy Clustering of Incomplete Data Based on Cluster Dispersion -- Automatic Detection of Active Region on EUV Solar Images Using Fuzzy Clustering -- On Dynamic Soft Dimension Reduction in Evolving Fuzzy Classifiers -- Multi-class Imbalanced Data-Sets with Linguistic Fuzzy Rule Based Classification Systems Based on Pairwise Learning -- Probabilistic Rough Set Approaches to Ordinal Classification with Monotonicity Constraints -- Web Page Classification: A Probabilistic Model with Relational Uncertainty -- Evidential Multi-Label Classification Approach to Learning from Data with Imprecise Labels -- A K-Nearest Neighbours Method Based on Lower Previsions -- Fuzzy Probabilities: Tentative Discussions on the Mathematical Concepts -- On Dealing with Imprecise Information in a Content Based Image Retrieval System -- An Extension of Stochastic Dominance to Fuzzy Random Variables -- Correlation of Intuitionistic Fuzzy Sets -- A Correlation Ratio for Possibility Distributions -- On Nonparametric Predictive Inference for Ordinal Data -- Using Cloudy Kernels for Imprecise Linear Filtering -- Peakedness and Generalized Entropy for Continuous Density Functions -- The Most Representative Utility Function for Non-Additive Robust Ordinal Regression -- Alternative Normalization Schemas for Bayesian Confirmation Measures -- Gender and Age Estimation from Synthetic Face Images -- Attribute Value Selection Considering the Minimum Description Length Approach and Feature Granularity -- Possibility Theory and Formal Concept Analysis: Context Decomposition and Uncertainty Handling -- A Parallel between Extended Formal Concept Analysis and Bipartite Graphs Analysis -- Negotiation as Creative Social Interaction Using Concept Hierarchies -- Estimating Top-k Destinations in Data Streams -- A Data Mining Algorithm for Inducing Temporal Constraint Networks -- Analysis of the Time Evolution of Scientograms Using the Subdue Graph Mining Algorithm -- Short-Time Prediction Based on Recognition of Fuzzy Time Series Patterns -- Time Series Comparison Using Linguistic Fuzzy Techniques -- Granular Approach for Evolving System Modeling -- Data Mining in Precision Agriculture: Management of Spatial Information -- Fuzzy Multivariable Gaussian Evolving Approach for Fault Detection and Diagnosis -- Dispersion Estimates for Telecommunications Fraud -- The Link Prediction Problem in Bipartite Networks -- Aggregation and Fusion -- Symmetrization of Modular Aggregation Functions -- Smooth Aggregation Functions on Finite Scales -- Dual Representable Aggregation Functions and Their Derived S-Implications -- Aggregation Functions with Stronger Types of Monotonicity -- Some Remarks on the Characterization of Idempotent Uninorms -- On the Median and Its Extensions -- Evidential Combination of Multiple HMM Classifiers for Multi-script Handwritting Recognition -- Using Uncertainty Information to Combine Soft Classifications -- Performance Evaluation of a Fusion System Devoted to Image Interpretation -- A New Adaptive Consensus Reaching Process Based on the Experts' Importance -- On the Robustness for the Choquet Integral -- Explicit Descriptions of Bisymmetric Sugeno Integrals -- Learning Fuzzy-Valued Fuzzy Measures for the Fuzzy-Valued Sugeno FuzzyIntegral -- Choquet Integration on Set Systems -- Necessity-Based Choquet Integrals for Sequential Decision Making under Uncertainty -- A Fuzzy-Rule-Based Approach to Contextual Preference Queries -- Extracting and Modelling Preferences from Dialogue -- Argumentation Framework with Fuzzy Preference Relations -- An Algorithm for Generating Consistent and Transitive Approximations of Reciprocal Preference Relations -- Preference

Modeling and Model Management for Interactive Multi-objective Evolutionary Optimization -- Dominance-Based Rough Set Approach to Preference Learning from Pairwise Comparisons in Case of Decision under Uncertainty -- Uncertainty Handling -- Trimming Plethoric Answers to Fuzzy Queries: An Approach Based on Predicate Correlation -- Searching Aligned Groups of Objects with Fuzzy Criteria -- How to Translate Words into Numbers? A Fuzzy Approach for the Numerical Translation of Verbal Probabilities -- Plateau Regions: An Implementation Concept for Fuzzy Regions in Spatial Databases and GIS -- Genuine Linguistic Fuzzy Logic Control: Powerful and Successful Control Method -- Cytoplasm Contour Approximation Based on Color Fuzzy Sets and Color Gradient -- Keeping Secrets in Possibilistic Knowledge Bases with Necessity-Valued Privacy Policies -- Inference with Fuzzy and Probabilistic Information -- Modelling Patterns of Evidence in Bayesian Networks: A Case-Study in Classical Swine Fever -- An Importance Sampling Approach to Integrate Expert Knowledge When Learning Bayesian Networks From Data -- Conflicts within and between Belief Functions -- Consonant Continuous Belief Functions Conflicts Calculation -- Credal Sets Approximation by Lower Probabilities: Application to Credal Networks -- Rule Discovery Process Based on Rough Sets under the Belief Function Framework -- IndependentNatural Extension -- On Elementary Extensions in Fuzzy Predicate Logics -- Logical Proportions – Typology and Roadmap.

Sommario/riassunto

The International Conference on Information Processing and Management of Uncertainty in Knowledge-Based Systems, IPMU, is organized every two years with the aim of bringing together scientists working on methods for the m- agement of uncertainty and aggregation of information in intelligent systems. Since 1986, this conference has been providing a forum for the exchange of ideas th between theoreticians and practitioners working in these areas. The 13 IPMU conference took place in Dortmund, Germany, June 28-July 2, 2010. This volumecontains77papersselectedthrougharigorousreviewingprocess among 320 submissions from 36 countries. The contributions re'ect the richness of research in the ?eld of computational intelligence and represent several - portant developments, speci'cally focused on the following sub'elds: (a) machine learning, data mining, and pattern recognition, (b) uncertainty handling, (c) aggregation and fusion of information, (d) logic and knowledge processing. We were delighted that Melanie Mitchell (Portland State University, USA), NihkilR.Pal (IndianStatisticalInstitute),BernhardSch¨ olkopf(MaxPlanckI- titute for Biological Cybernetics, Tubing ¨ en, Germany) and Wolfgang Wahlster (German Research Center for Arti'cial Intelligence, Saarbruc ¨ ken) accepted our invitationstopresentkeynotelectures. JimBezdekreceivedtheKamp´edeF´ eriet Award,grantedeverytwo yearsonthe occasionofthe IPMUconference,in view ofhiseminentresearchcontributionstothehandlingofuncertaintyinclusteri ng, data analysis and pattern recognition.

2. Record Nr. UNINA9910154876703321

Autore	Pearl John, author
Titolo	Becoming a video game artist : from portfolio design to landing the job / / John Pearl
Pubbl/distr/stampa	Boca Raton : , : CRC Press, , 2016 London : , : Bloomsbury Publishing (UK), , 2023
ISBN	9781317579588 1317579585 9781315740287 1315740281 9781317579595 1317579593
Edizione	[1st ed.]
Descrizione fisica	1 online resource (248 pages) : color illustrations
Disciplina	776 776.023
Soggetti	Computer games - Design Computer games - Programming Video games - Design Games development and programming
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	An A K Peters book.
Nota di contenuto	Introduction -- General concepts and skills -- Introduction to being an animator -- Introduction to being a character artist -- Introduction to being a concept artist -- Introduction to being an environment artist -- Introduction to being technical artist -- Introduction to being a user interface artist -- Introduction to being a visual effects artist -- General portfolio theory and application -- Crafting an animation portfolio -- Crafting a character art portfolio -- Crafting an concept art portfolio -- Crafting an environmental art portfolio -- Crafting a technical art portfolio -- Crafting a user interface artist portfolio -- Crafting a visual effects art portfolio -- Application and interviewing.
Sommario/riassunto	This book helps artists refine their portfolio to get a job in the game industry and grow into a well-rounded game developer. There are a lot

of resources that lack the depth of walking through the preparation, application and starting of a career in games. There is a lot of "what to put in your portfolio" articles out there, however there aren't a lot of comprehensive ones that go into the "why". There are even fewer resources on what to expect when you get "the call" and how to handle the interview process and even fewer yet of what to expect once you get in. How do you present your portfolio in the best light? How do you prepare for an interview? How to you make the best career decisions?.