1. Record Nr. UNINA9910696486503321

Titolo	Magnetic map [[electronic resource]] : California, vicinity Pt. Sur to Pt. Reyes
Pubbl/distr/stampa	Washington : , : U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Ocean Survey, , 1974
Descrizione fisica	1 map : digital, PDF file
Soggetti	Geomagnetism - California - Pacific Coast Maps.
Lingua di pubblicazione	Inglese
Formato	Materiale cartografico a stampa
Livello bibliografico	Monografia
Note generali	Depths shown by contours and gradient tints. Title from title screen (viewed on Feb. 26, 2008). "NOS 1307N-11M." Includes table of depth gradients and location diagram.

2. Record Nr. UNINA9911020064303321

Titolo	Advances in fuzzy clustering and its applications / / edited by J. Valente de Oliveira, W. Pedrycz
Pubbl/distr/stampa	Chichester, : Wiley, c2007
ISBN	9786610900817 9781280900815 1280900814 9780470061190 0470061197 9780470061183 0470061189
Descrizione fisica	1 online resource (456 p.)
Classificazione	54.72
Altri autori (Persone)	OliveiraJ. Valente de (Jose Valente) PedryczWitold <1953->
Disciplina	006.3
Soggetti	Fuzzy systems Soft computing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Advances in Fuzzy Clustering and its Applications; Contents; List of Contributors; Foreword; Preface; Part I Fundamentals 1; 1 Fundamentals of Fuzzy Clustering; 1.1 Introduction; 1.2 Basic Clustering Algorithms; 1.3 Distance Function Variants; 1.4 Objective Function Variants; 1.5 Update Equation Variants: Alternating Cluster Estimation; 1.6 Concluding Remarks; Acknowledgements; References; 2 Relational Fuzzy Clustering; 2.1 Introduction; 2.2 Object and Relational Data; 2.3 Object Data Clustering Models; 2.4 Relational Clustering; 2.5 Relational Clustering with Non-spherical Prototypes 2.6 Relational Data Interpreted as Object Data2.7 Summary; 2.8 Experiments; 2.9 Conclusions; References; 3 Fuzzy Clustering with Minkowski Distance Functions; 3.1 Introduction; 3.2 Formalization; 3.3 The Majorizing Algorithm for Fuzzy C-means with Minkowski Distances; 3.4 The Effects of the Robustness Parameterl; 3.5 Internet Attitudes; 3.6 Conclusions; References; 4 Soft Cluster Ensembles; 4.1

Introduction; 4.2 Cluster Ensembles; 4.3 Soft Cluster Ensembles; 4.4 Experimental Setup; 4.5 Soft vs. Hard Cluster Ensembles; 4.6 Conclusions and Future Work; Acknowledgements; References
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Part III Algorithms and Computational Aspects7 Fuzzy Clustering with Participatory Learning and Applications; 7.1 Introduction; 7.2 Participatory Learning; 7.3 Participatory Learning in Fuzzy Clustering; 7.4 Experimental Results; 7.5 Applications; 7.6 Conclusions; Acknowledgements; References; 8 Fuzzy Clustering of Fuzzy Data; 8.1 Introduction; 8.2 Informational Paradigm, Fuzziness and Complexity in Clustering Processes; 8.3 Fuzzy Data; 8.4 Fuzzy Clustering of Fuzzy Data; 8.5 An Extension: Fuzzy Clustering Models for Fuzzy Data Time Arrays; 8.6 Applicative Examples
8.7 Concluding Remarks and Future PerspectivesReferences; 9 Inclusion-based Fuzzy Clustering; 9.1 Introduction; 9.2 Background: Fuzzy Clustering; 9.3 Construction of an Inclusion Index; 9.4 Inclusion-based Fuzzy Clustering; 9.5 Numerical Examples and Illustrations; 9.6 Conclusion; Acknowledgements; Appendix 9A.1; References; 10 Mining Diagnostic Rules Using Fuzzy Clustering; 10.1 Introduction; 10.2 Fuzzy Medical Diagnosis; 10.3 Interpretability in Fuzzy Medical Diagnosis; 10.4 A Framework for Mining Interpretable Diagnostic Rules; 10.5 An Illustrative Example; 10.6 Conclusive Remarks
References

Sommario/riassunto

A comprehensive, coherent, and in depth presentation of the state of the art in fuzzy clustering. Fuzzy clustering is now a mature and vibrant area of research with highly innovative advanced applications. Encapsulating this through presenting a careful selection of research contributions, this book addresses timely and relevant concepts and methods, whilst identifying major challenges and recent developments in the area. Split into five clear sections, Fundamentals, Visualization, Algorithms and Computational Aspects, Real-Time and Dynamic Clustering, and Applications and Case Studies