

1. Record Nr.	UNINA9910831020703321
Autore	Mendel Jerry M
Titolo	Explainable Uncertain Rule-Based Fuzzy Systems // by Jerry M. Mendel
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2024
ISBN	3-031-35378-1
Edizione	[3rd ed. 2024.]
Descrizione fisica	1 online resource (598 pages)
Disciplina	511.313
Soggetti	Computational intelligence Telecommunication Artificial intelligence Neural networks (Computer science) Computational Intelligence Communications Engineering, Networks Artificial Intelligence Mathematical Models of Cognitive Processes and Neural Networks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Part 1: Type-1 Fuzzy Sets and Systems -- Short Primers on Type-1 Fuzzy Sets and Fuzzy Logic -- Type-1 Fuzzy Logic Systems -- Part 2: Type-2 Fuzzy Sets -- Sources of Uncertainty -- Type-2 Fuzzy Sets -- Operations on and Properties OF Type-2 Fuzzy Sets -- Type-2 Relations and Compositions -- Centroid of a Type-2 Fuzzy Set: Type-Reduction -- Part 3: Type-2 Fuzzy Logic Systems -- Mamdani Interval Type-2 Fuzzy Logic Systems (IT2 FLSS) -- TSK Interval Type-2 Fuzzy Logic Systems -- General Type-2 Fuzzy Logic Systems (GT2 FLSS) -- Conclusion.
Sommario/riassunto	The third edition of this textbook presents a further updated approach to fuzzy sets and systems that can model uncertainty — i.e., “type-2” fuzzy sets and systems. The author demonstrates how to overcome the limitations of classical fuzzy sets and systems, enabling a wide range of applications, from time-series forecasting to knowledge mining to classification to control and to explainable AI (XAI). This latest edition again begins by introducing classical (type-1) fuzzy sets and systems,

and then explains how they can be modified to handle uncertainty, leading to type-2 fuzzy sets and systems. New material is included about how to obtain fuzzy set word models that are needed for XAI, similarity of fuzzy sets, a quantitative methodology that lets one explain in a simple way why the different kinds of fuzzy systems have the potential for performance improvements over each other, and new parameterizations of membership functions that have the potential for achieving even greater performance for all kinds of fuzzy systems. For hands-on experience, the book provides information on accessing MATLAB, Java, and Python software to complement the content. The book features a full suite of classroom material.

2. Record Nr.	UNINA9910962288203321
Autore	Findley Lisa <1955->
Titolo	Building change : architecture, politics and cultural agency // Lisa Findley
Pubbl/distr/stampa	London ; ; New York, : Routledge, 2005 London ; ; New York : , : Routledge, , 2005
ISBN	1-134-36662-0 1-134-36663-9 9786610236886 1-280-23688-4 0-203-60149-1
Edizione	[1st ed.]
Descrizione fisica	1 online resource (244 p.)
Classificazione	21.60
Disciplina	720/.1/03
Soggetti	Architecture and society Architecture - Political aspects Architecture, Modern - 20th century Architecture, Modern - 21st century Social change
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 (p. 218-222) and index.

Nota di contenuto

Power, space and architecture -- Building future : Tjibaou Cultural Centre -- Building visibility : Ulu_ru-Kata Tju_ta Cultural Centre -- Building memory : the Museum of Struggle -- Building presence : the Southern Poverty Law Center -- Architecture and change.

Sommario/riassunto

This book focuses on the role architects and architecture are playing in the process of political and cultural negotiation.