1.	Record Nr.	UNINA9910484081403321
	Titolo	Recent Developments in Fuzzy Logic and Fuzzy Sets : Dedicated to Lotfi A. Zadeh / / edited by Shahnaz N. Shahbazova, Michio Sugeno, Janusz Kacprzyk
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
	ISBN	3-030-38893-X
	Edizione	[1st ed. 2020.]
	Descrizione fisica	1 online resource (VI, 211 p. 72 illus., 18 illus. in color.)
	Collana	Studies in Fuzziness and Soft Computing, , 1434-9922 ; ; 391
	Disciplina	006.3 511.3
	Soggetti	Computational intelligence Calculus of variations Computational linguistics Game theory Computational Intelligence Calculus of Variations and Optimal Control; Optimization Computational Linguistics Game Theory, Economics, Social and Behav. Sciences
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di contenuto	Chapter 1: Fuzziness in Information Extracted from Tweets' Hashtag and Keywords -- Chapter 2: Why Triangular and Trapezoid Membership Functions: A Simple Explanation -- Chapter 3: Probabilistic and More General Uncertainty-Based (e.g., Fuzzy) Approaches to Crisp Clustering Explain the Empirical Success of the K-Sets Algorithm -- Chapter 4: Statistical Approach to Fuzzy Cognitive Maps -- Chapter 5: Semi–Supervised Learning to Rank with Nonlinear Preference Model.
	Sommario/riassunto	This book provides a timely and comprehensive overview of current theories and methods in fuzzy logic, as well as relevant applications in a variety of fields of science and technology. Dedicated to Lotfi A. Zadeh on his one year death anniversary, the book goes beyond a pure commemorative text. Yet, it offers a fresh perspective on a number of relevant topics, such as computing with words, theory of perceptions,

possibility theory, and decision-making in a fuzzy environment. Written by Zadeh's closest colleagues and friends, the different chapters are intended both as a timely reference guide and a source of inspiration for scientists, developers and researchers who have been dealing with fuzzy sets or would like to learn more about their potential for their future research.