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Titolo	Non-Additive Measures : Theory and Applications // edited by Vicenc Torra, Yasuo Narukawa, Michio Sugeno
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Descrizione fisica	1 online resource (X, 201 p. 20 illus.)
Collana	Studies in Fuzziness and Soft Computing, , 1434-9922 ; ; 310
Disciplina	515.42
Soggetti	Computational intelligence Measure theory Artificial intelligence Computational Intelligence Measure and Integration Artificial Intelligence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Use and applications of non-additive measures and integrals -- Integral with respect to a non additive measure: An overview -- Integral sums and integrals -- Entropy of capacity -- Integral with respect to Non-additive Measure in Economics -- Integral with respect to a non additive measure: An overview -- Integral sums and integrals -- Entropy of capacity -- Integral with respect to Non-additive Measure in Economics -- Cooperative game as non-additive measure -- Belief functions on MV-algebras of fuzzy sets: an overview. Belief functions on MV-algebras of fuzzy sets: an overview.
Sommario/riassunto	This book provides a comprehensive and timely report in the area of non-additive measures and integrals. It is based on a panel session on fuzzy measures, fuzzy integrals and aggregation operators held during the 9th International Conference on Modeling Decisions for Artificial Intelligence (MDAI 2012) in Girona, Spain, November 21-23, 2012. The book complements the MDAI 2012 proceedings book, published in Lecture Notes in Computer Science (LNCS) in 2012. The individual chapters, written by key researchers in the field, cover fundamental

concepts and important definitions (e.g. the Sugeno integral, definition of entropy for non-additive measures) as well some important applications (e.g. to economics and game theory) of non-additive measures and integrals. The book addresses students, researchers and practitioners working at the forefront of their field. .

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