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Descrizione fisica	1 online resource (XXXII, 212 p.)
Collana	Studies in fuzziness and soft computing, , 1434-9922 ; ; 289
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	The Theory of the Knowledge Square and the Information Structure: The Points of Entry and Departure -- The Theory of the Knowledge Square and the Concept of the Possibility Space -- The Theory of the Knowledge Square, and the Concepts of Probability and Probability Space -- The Knowledge Square and the Concepts of Actual and the Space of the Epistemic Actual -- Paradigms of Thought in the Fuzzy and Classical Epistemic Systems under Knowledge Production -- Fuzziness, Science, the Knowledge Square and the Problem of Exact Science -- Ontology, Epistemology, Explication and Exactness in Mathematics and Sciences -- Knowledge and Science in the Theory of the Knowledge Square.
Sommario/riassunto	The monograph is about a meta-theory of knowledge-production process and the logical pathway that connects the epistemic possibility to the epistemic reality. It examines the general conditions of paradigms for information processing and isolates the classical and fuzzy paradigms for comparative analysis. The book is written for professionals, researchers and students working in philosophy of science, decision-choice theories, economies, sciences, computer science, engineering and related subjects. It is further aimed at research institutions and libraries. The subject matter belongs to extensive research and development taking place on fuzzy phenomena and the debate between the fuzzy paradigm and the classical paradigm

relative to informatics, synergetic science and complexity theory. The book will have a global appeal and across disciplines. Its strength, besides the contents, is the special effort that is undertaken to make it relevant and accessible to different areas of sciences and knowledge production.

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