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Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	C. Baskent: Game Semantics and Paraconsistency -- D. Batens: Some adaptive contributions to Logics of Formal Inconsistency -- Jean-Yves Beziau and A. Franceschetto: Strong Three-Valued Paraconsistent Logics -- R. C. Ertola B. Rodriguez and C. Noguera I. Iofent: Paraconsistent degree-preserving fuzzy logic -- B. Brown: Symmetrical Preservation Relations and Cognitive Commitments -- C. C. Caret Game Semantics and Paraconsistency -- N. da Costa and C. de Ronde: Quantum Physics and Paraconsistency -- V. Degauquier: A unified proof-theoretic approach of partial and paraconsistent three-valued logics -- S. Dutta: Consequence and Inconsistency: Paraconsistent Logics -- E. Ficara:Negation and the Metaphysical Foundations of Logic -- H. Field: Restricted Quantification in Paraconsistent and Other Nonclassical Logics -- D. Gangopadhyay: Unscrambling the 'Copenhagen omelet' in paraconsistent term -- P. Greenough: Going Glutty, Staying Classical -- C. Heunen: Combining logical viewpoints in quantum theory -- R. I. Ingallali: Consistency in Indian Logic -- T. Jarmuzek: Tableau metatheory for paraconsistent logics defined by

possible world's semantics -- P. Jetli: Aristotle's Syllogistic Logic is a Paraconsistent Logic -- H. Kurokawa: Hypersequent Calculi for Dual-superintuitionistic Logics and an Extension of the Logic Cube -- O. Korkmaz: A paraconsistent solution to Kratzer's modal semantics -- H. Omori: Naive set theories based on expansions of BD enriched by classical negation -- A. Moretti and R. Pélissier: Many-valuedness and paraconsistency in a 3-oppositional quadrilateral of sheaves -- C. Mortensen: Wedge Sum as Inconsistent -- A. Pietruszczak and M. Nasienski: Modal logics connected to Jaskowski's logic D2 -- G. Priest: The Adventures of the Catuskoti -- G. Pulcini: Towards a unified setting for non-monotonicity and paraconsistency -- V. Puncochár: Internal and External logics of Nelson Models -- F. Putte: Adaptive Logics and Selection Function -- D. Skurt: Iterated preferential models as a strategy to make many-valued paraconsistent logics non-monotonic -- S. Tarafder and M. Chakraborty: The Logic LS3 and its Comparison with other Three-Valued Paraconsistent Logics -- E. Turunen: Two Paraconsistent Semantics for Pavelka's Fuzzy Logic -- M. Vacek: Paraconsistency and Impossible Worlds -- P. Verdée: Paraconsistent and classical negation in the context of relevant implication -- D. Zaitsev: Propositions, Paraconsistency, Paracompleteness.

Sommario/riassunto

The present book discusses all aspects of paraconsistent logic, including the latest findings, and its various systems. It includes papers by leading international researchers, which address the subject in many different ways: development of abstract paraconsistent systems and new theorems about them; studies of the connections between these systems and other non-classical logics, such as non-monotonic, many-valued, relevant, paracomplete and fuzzy logics; philosophical interpretations of these constructions; and applications to other sciences, in particular quantum physics and mathematics. Reasoning with contradictions is the challenge of paraconsistent logic. The book will be of interest to graduate students and researchers working in mathematical logic, computer science, philosophical logic, linguistics and physics.
