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Nota di contenuto	Contents ; 1 Fine Grained Theories of Time ; 1.1 Priorean Tense Logic ; 1.2 Referential Tense Logic ; 1.3 A First Look at Allen's System ; 1.4 A Sorted Interval-Based Language ; 1.5 Concluding Remarks ; Bibliography ; 2 Revision Sequences and Computers With an Infinite Amount of Time 2.1 Introduction 2.2 The Gupta-Belnap Systems ; 2.2.1 Revision Sequences ; 2.2.2 The Systems S# and S* ; 2.3 Infinite Time Turing Machines ; 2.4 Revision Sequences Modeled by Infinite Time Turing Machines ; 2.5 The Limit Rule and Other Applications ; 2.6 Aftermath ; Bibliography 3 On Frege's Nightmare: A Combination of Intuitionistic Free and Paraconsistent Logics 3.1 Aims of This Paper ; 3.2 The Dialogical Approach to Free Logic ; 3.2.1 Dialogical Free Logic With and Without tertium non datur ; 3.2.2 Winning Strategies and Dialogical Tableaux for DFL 3.2.3 Many Quantifiers and Sorts of Objects - The Systems DFLn and

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Sommario/riassunto

This book covers a broad range of up-to-date issues in non-classical logic that are of interest not only to philosophical and mathematical logicians but also to computer scientists and researchers in artificial intelligence. The problems addressed range from methodological issues in paraconsistent and deontic logic to the revision theory of truth and infinite Turing machines. The book identifies a number of important current trends in contemporary non-classical logic. Among them are dialogical and substructural logic, the classification of concepts of negation, truthmaker theory, and mathemat
