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   Nota di contenuto Entailment Multipliers: An Algebraic Characterization of Validity for
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                     The Two-Variable Fragment with Counting Revisited -- Intuitionistic
                     Logic and Computability Theory -- Foundations of Satisfiability Modulo
                     Theories -- Logical Form as a Determinant of Cognitive Processes --
                     Formal Lifetime Reliability Analysis Using Continuous Random Variables
                     -- Modal Logics with Counting -- Verification of the Completeness of

Unification Algorithms à la Robinson -- Mechanisation of PDA and Grammar Equivalence for Context-Free Languages -- On the Role of the Complementation Rule for Data Dependencies over Incomplete Relations -- Decidability and Undecidability Results on the Modal ?-Calculus with a Natural Number-Valued Semantics -- Solving the Implication Problem for XML Functional Dependencies with Properties -- On Anaphora and the Binding Principles in Categorial Grammar -- Feasible Functions over Co-inductive Data -- Interval Valued Fuzzy Coimplication -- Reduction of the Intruder Deduction Problem into Equational Elementary Deduction for Electronic Purse Protocols with Blind Signatures -- Intersection Type Systems and Explicit Substitutions Calculi -- Generalising Conservativity.

| Sommario/riassunto | This volume contains the papers presented at WoLLIC 2010: 17th Workshop on Logic, Language, Information and Computation held during July 6–9, 2010, on the campus of Universidade de Bras´ ?lia (UnB), Brazil. The Workshop on Logic, Language, Information and Computation (WoL- LIC) is an annual event, meeting every year since 1994, which aims at fostering interdisciplinary research in pure and applied logic. The idea is to have a forum which is large enough in the number of possible interactions between logic and the sciences related to information and computation, and yet is small enough to allow for concrete and useful interaction among participants. The present volume contains 13 contributed papers that were selected from among 32 submissions after a rigorous review by the Program Committee. Each submission was reviewed by at least two, and on average three, Program C- mittee members. This volume also containspapersor abstractsthat relateto the seven invited talks presented at the workshop. Between them, these papers give a snapshot of some fascinating work taking place at the frontiers between computation, logic, and linguistics. We are grateful to all the people who made this meeting possible and are responsible for its success: the members of the Program Committee and the external reviewers, the invited speakers, the contributors, and the people who were involved in organizing the workshop. |