

1. Record Nr.	UNINA9910143627603321
Titolo	Computer Science Logic : 15th International Workshop, CSL 2001. 10th Annual Conference of the EACSL, Paris, France, September 10-13, 2001 Proceedings // edited by Laurent Fribourg
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2001
ISBN	3-540-44802-0
Edizione	[1st ed. 2001.]
Descrizione fisica	1 online resource (XII, 628 p.)
Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 2142
Disciplina	005.1/01/5113
Soggetti	Programming languages (Electronic computers) Artificial intelligence Mathematical logic Computer logic Programming Languages, Compilers, Interpreters Artificial Intelligence Mathematical Logic and Formal Languages Logics and Meanings of Programs Mathematical Logic and Foundations
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Invited Papers -- Local Reasoning about Programs that Alter Data Structures -- Applications of Alfred Tarski's Ideas in Database Theory -- Locus Solum: From the Rules of Logic to the Logic of Rules -- Contributed Papers -- The Expressive Power of Horn Monadic Linear Logic -- Non-commutativity and MELL in the Calculus of Structures -- Quadratic Correctness Criterion for Non-commutative Logic -- Descriptive Complexity -- Capture Complexity by Partition -- An Existential Locality Theorem -- Actual Arithmetic and Feasibility -- The Natural Order-Generic Collapse for ?-Representable Databases over the Rational and the Real Ordered Group -- Semantics -- An Algebraic Foundation for Higraphs -- Semantic Characterisations of Second-Order Computability over the Real Numbers -- An Abstract Look at Realizability -- The Anatomy of Innocence -- Higher-Order Programs

-- An Improved Extensionality Criterion for Higher-Order Logic
Programs -- A Logic for Abstract State Machines -- Constrained Hyper
Tableaux -- Modal Logics -- Modal Logic and the Two-Variable
Fragment -- A Logic for Approximate First-Order Reasoning --
Inflationary Fixed Points in Modal Logic -- Categorical and Kripke
Semantics for Constructive S4 Modal Logic -- Verification -- Labelled
Natural Deduction for Interval Logics -- Decidable Navigation Logics for
Object Structures -- The Decidability of Model Checking Mobile
Ambients -- Automata -- A Generalization of the Büchi-Elgot-
Trakhtenbrot Theorem -- An Effective Extension of the Wagner
Hierarchy to Blind Counter Automata -- Decision Procedure for an
Extension of WS1S -- Lambda-Calculus -- Limiting Partial Combinatory
Algebras towards Infinitary Lambda-Calculi and Classical Logic --
Intersection Logic -- Life without the Terminal Type -- Fully Complete
Minimal PER Models for the Simply Typed λ -Calculus -- Induction -- A
Principle of Induction -- On a Generalisation of Herbrand's Theorem --
Well-Founded Recursive Relations -- Equational Calculus -- Stratified
Context Unification Is in PSPACE -- Uniform Derivation of Decision
Procedures by Superposition -- Complete Categorical Equational
Deduction -- Beyond Regularity: Equational Tree Automata for
Associative and Commutative Theories -- Constructive Theory of Types
-- Normalized Types -- Markov's Principle for Propositional Type
Theory -- Recursion for Higher-Order Encodings -- Monotone
Inductive and Coinductive Constructors of Rank 2.
