1. Record Nr. UNISA996466348903316

Titolo	Logic for Programming, Artificial Intelligence, and Reasoning [[electronic resource]] : 15th International Conference, LPAR 2008, Doha, Qatar, November 22-27, 2008, Proceedings / / edited by Iliano Cervesato, Helmut Veith, Andrei Voronkov
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2008
ISBN	3-540-89439-X
Edizione	[1st ed. 2008.]
Descrizione fisica	1 online resource (XIV, 714 p.)
Collana	Lecture Notes in Artificial Intelligence ; ; 5330
Disciplina	005.115
Soggetti	Artificial intelligence Software engineering Computer programming Computer logic Mathematical logic Artificial Intelligence Software Engineering/Programming and Operating Systems Programming Techniques Software Engineering Logics and Meanings of Programs Mathematical Logic and Formal Languages
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	International conference proceedings.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Session 1. Constraint Solving -- Symmetry Breaking for Maximum Satisfiability -- Efficient Generation of Unsatisfiability Proofs and Cores in SAT -- Justification-Based Local Search with Adaptive Noise Strategies -- The Max-Atom Problem and Its Relevance -- Session 2. Knowledge Representation 1 -- Towards Practical Feasibility of Core Computation in Data Exchange -- Data-Oblivious Stream Productivity -- Reasoning about XML with Temporal Logics and Automata -- Distributed Consistency-Based Diagnosis -- Session 3. Proof-Theory 1 -- From One Session to Many: Dynamic Tags for Security Protocols -- A Conditional Logical Framework -- Nominal Renaming Sets -- Imogen:

Focusing the Polarized Inverse Method for Intuitionistic Propositional Logic -- Invited Talk -- Model Checking – My 27-Year Quest to Overcome the State Explosion Problem -- Session 4. Automata -- On the Relative Succinctness of Nondeterministic Büchi and co-Büchi Word Automata -- Recurrent Reachability Analysis in Regular Model Checking -- Alternation Elimination by Complementation (Extended Abstract) -- Discounted Properties of Probabilistic Pushdown Automata -- Session 5. Linear Arithmetic -- A Quantifier Elimination Algorithm for Linear Real Arithmetic -- (LIA) - Model Evolution with Linear Integer Arithmetic Constraints -- A Constraint Sequent Calculus for First-Order Logic with Linear Integer Arithmetic -- Encoding Queues in Satisfiability Modulo Theories Based Bounded Model Checking -- Session 6. Verification -- On Bounded Reachability of Programs with Set Comprehensions -- Program Complexity in Hierarchical Module Checking -- Valigator: A Verification Tool with Bound and Invariant Generation -- Reveal: A Formal Verification Tool for Verilog Designs -- Invited Talks -- A Formal Language for Cryptographic Pseudocode -- Reasoning Using Knots -- Session 7. Knowledge Representation 2 -- Role Conjunctions in Expressive Description Logics -- Default Logics with Preference Order: Principles and Characterisations -- On Computing Constraint Abduction Answers -- Fast Counting with Bounded Treewidth -- Session 8. Proof-Theory 2 -- Cut Elimination for First Order Gödel Logic by Hyperclause Resolution -- Focusing Strategies in the Sequent Calculus of Synthetic Connectives -- An Algorithmic Interpretation of a Deep Inference System -- Weak ??-Normalization and Normalization by Evaluation for System F -- Session 9. Quantified Constraints -- Variable Dependencies of Quantified CSPs -- Treewidth: A Useful Marker of Empirical Hardness in Quantified Boolean Logic Encodings -- Tractable Quantified Constraint Satisfaction Problems over Positive Temporal Templates -- A Logic of Singly Indexed Arrays -- Session 10. Modal and Temporal Logics -- On the Computational Complexity of Spatial Logics with Connectedness Constraints -- Decidable and Undecidable Fragments of Halpern and Shoham’s Interval Temporal Logic: Towards a Complete Classification -- The Variable Hierarchy for the Lattice ?-Calculus -- A Formalised Lower Bound on Undirected Graph Reachability -- Session 11. Rewriting -- Improving Context-Sensitive Dependency Pairs -- Complexity, Graphs, and the Dependency Pair Method -- Uncurrying for Termination -- Approximating Term Rewriting Systems: A Horn Clause Specification and Its Implementation -- A Higher-Order Iterative Path Ordering -- Variable Dependencies of Quantified CSPs.

Sommario/riassunto

This book constitutes the refereed proceedings of the 15th International Conference on Logic for Programming, Artificial Intelligence, and Reasoning, LPAR 2008, which took place in Doha, Qatar, during November 22-27, 2008. The 45 revised full papers presented together with 3 invited talks were carefully revised and selected from 153 submissions. The papers address all current issues in automated reasoning, computational logic, programming languages and their applications and are organized in topical sections on automata, linear arithmetic, verification knowledge representation, proof theory, quantified constraints, as well as modal and temporal logics.

2. Record Nr. UNINA9910780033703321

Titolo	Concepts and controversies in tidal marsh ecology [[electronic resource] /] / edited by Michael P. Weinstein and Daniel A. Kreeger
Pubbl/distr/stampa	Dordrecht ; ; Boston, : Kluwer Academic, c2000
ISBN	1-280-20021-9 9786610200214 0-306-47534-0
Edizione	[1st ed. 2000.]
Descrizione fisica	1 online resource (894 p.)
Altri autori (Persone)	WeinsteinMichael P KreegerDaniel A
Disciplina	577.69
Soggetti	Salt marsh ecology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Proceedings of a meeting held in Vineland, New Jersey, April 1998.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Retrospective on the Salt Marsh Paradigm -- Tidal Marshes as Outwelling/Pulsing Systems -- Salt Marsh Values: Retrospection from the end of the Century -- Sources and Patterns of Production -- Role of Salt Marshes as Part of Coastal Landscapes -- Spatial Variation in Process and Pattern in Salt Marsh Plant Communities in Eastern North America -- Eco-Physiological Controls on the Productivity of Spartina Alterniflora Loisel -- Community Structure and Functional Dynamics of Benthic Microalgae in Salt Marshes -- Structure and Productivity of Microtidal Mediterranean Coastal Marshes -- Development and Structure of Salt Marshes: Community Patterns in Time and Space -- Fate of Production within Marsh Food Webs -- Microbial Secondary Production from Salt Marsh-Grass Shoots, and Its Known and Potential Fates -- Trophic Complexity Between Producers and Invertebrate Consumers in Salt Marshes -- Trophic Linkages in Marshes: Ontogenetic Changes in Diet for Young-of-the-Year Mummichog, Fundulus Heteroclitus -- Habitat Value: Food and/or Refuge -- Factors Influencing Habitat Selection in Fishes with a Review of Marsh Ecosystems -- Salt Marsh Ecoscapes and Production Transfers by Estuarine Nekton in the Southeastern United States -- Salt Marsh Linkages to Productivity of Penaeid Shrimps and Blue Crabs in the Northern Gulf of Mexico -- Ecophysiological Determinants of Secondary

Production in Salt Marshes: A Simulation Study -- Salt Marsh Ecosystem Support of Marine Transient Species -- Biogeochemical Processes -- Benthic-Pelagic Coupling in Marsh-Estuarine Ecosystems -- Twenty More Years of Marsh and Estuarine Flux Studies: Revisiting Nixon (1980) -- The Role of Oligohaline Marshes in Estuarine Nutrient Cycling -- Molecular Tools for Studying Biogeochemical Cycling in Salt Marshes -- Nitrogen and Vegetation Dynamics in European Salt Marshes -- Modelling Nutrient and Energy Flux -- A Stable Isotope Model Approach to Estimating the Contribution of Organic Matter from Marshes to Estuaries -- Types of Salt Marsh Edge and Export of Trophic Energy from Marshes to Deeper Habitats -- Silicon is the Link between Tidal Marshes and Estuarine Fisheries: A New Paradigm -- Tidal Marsh Restoration: Fact or Fiction? -- Self-Design Applied to Coastal Restoration -- Functional Equivalency of Restored and Natural Salt Marshes -- Organic and Inorganic Contributions to Vertical Accretion in Salt Marsh Sediments -- Landscape Structure and Scale Constraints on Restoring Estuarine Wetlands for Pacific Coast Juvenile Fishes -- Ecological Engineering of Restored Marshes -- The Role of Pulsing Events in the Functioning of Coastal Barriers and Wetlands: Implications for Human Impact, Management and the Response to Sea Level Rise -- Influences of Vegetation and Abiotic Environmental Factors on Salt Marsh Invertebrates -- Measuring Function of Restored Tidal Marshes -- The Health and Long Term Stability of Natural and Restored Marshes in Chesapeake Bay -- Soil Organic Matter (SOM) Effects on Infaunal Community Structure in Restored and Created Tidal Marshes -- Initial Response of Fishes to Marsh Restoration at a Former Salt Hay Farm Bordering Delaware Bay -- Success Criteria for Tidal Marsh Restoration -- Catastrophes, Near-Catastrophes and the Bounds of Expectation: Success Criteria for Macroscale Marsh Restoration -- References is a Moving Target in Sea-Level Controlled Wetlands -- Linking the Success of Phragmites to the Alteration of Ecosystem Nutrient Cycles -- Restoration of Salt and Brackish Tidelands in Southern New England.

Sommario/riassunto

In 1968 when I forsook horticulture and plant physiology to try, with the help of Sea Grant funds, wetland ecology, it didn’t take long to discover a slim volume published in 1959 by the University of Georgia and edited by R. A. Ragotzkie, L. R. Pomeroy, J. M. Teal, and D. C. Scott, entitled “Proceedings of the Salt Marsh Conference” held in 1958 at the Marine Institute, Sapelo Island, Ga. Now forty years later, the Sapelo Island conference has been the major intellectual impetus, and another Sea Grant Program the major backer, of another symposium, the “International Symposium: Concepts and Controversies in Tidal Marsh Ecology”. This one re-examines the ideas of that first conference, ideas that stimulated four decades of research and led to major legislation in the United States to conserve coastal wetlands. It is dedicated, appropriately, to two then young scientists – Eugene P. Odum and John M. Teal – whose inspiration has been the starting place for a generation of coastal wetland and estuarine research. I do not mean to suggest that wetland research started at Sapelo Island. In 1899 H. C. Cowles described successional processes in Lake Michigan freshwater marsh ponds. There is a large and valuable early literature about northern bogs, most of it from Europe and the former USSR, although Eville Gorham and R. L. Lindeman made significant contributions to the American literature before 1960. V. J.