Record Nr. UNINA9910143874403321 Logic Based Program Synthesis and Transformation: 11th International **Titolo** Workshop, LOPSTR 2001, Paphos, Cyprus, November 28-30, 2001. Selected Papers / / edited by Alberto Pettorossi Berlin, Heidelberg:,: Springer Berlin Heidelberg:,: Imprint: Springer, Pubbl/distr/stampa **ISBN** 3-540-45607-4 Edizione [1st ed. 2002.] 1 online resource (VIII, 272 p.) Descrizione fisica Lecture Notes in Computer Science, , 0302-9743 ; ; 2372 Collana 005.1/5 Disciplina Soggetti Software engineering Computer architecture Computer logic Computer programming Artificial intelligence Logic, Symbolic and mathematical Software Engineering/Programming and Operating Systems Computer System Implementation Logics and Meanings of Programs **Programming Techniques** Artificial Intelligence Mathematical Logic and Formal Languages 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 Speaker -- Static Analysis for Safe Destructive Updates in a Functional Language -- Program Transformation and Equivalence -- A Transformation Technique for Datalog Programs Based on Nondeterministic Constructs -- On Deforesting Parameters of Accumulating Maps -- Equivalence in Answer Set Programming --Program Verificaion -- Proof Theory, Transformations, and Logic Programming for Debugging Security Protocols -- Abstract Conjunctive Partial Deduction Using Regular Types and Its Application to Model

Checking -- Verification of Sets of Infinite State Processes Using

Program Transformation -- Program Analysis -- When Size Does
Matter -- Symbolic Profiling for Multi-paradigm Declarative Languages
-- Program Development -- Correct Object-Oriented Systems in
Computational Logic -- A Framework for Developing Embeddable
Customized Logics -- Computing Environment-Aware Agent
Behaviours with Logic Program Updates -- Program Synthesis -Extracting General Recursive Program Schemes in Nuprl's Type Theory
-- Extracting Exact Time Bounds from Logical Proofs.