

1. Record Nr.	UNISA996466348103316
Titolo	Logic-Based Program Synthesis and Transformation [[electronic resource]] : 17th International Symposium, LOPSTR 2007, Kongens Lyngby, Denmark, August 23-24, 2007, Revised Selected Papers // edited by Andy King
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2008
ISBN	3-540-78769-0
Edizione	[1st ed. 2008.]
Descrizione fisica	1 online resource (X, 222 p.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 4915
Disciplina	005.115
Soggetti	Software engineering Computer science Computer programming Machine theory Artificial intelligence Software Engineering Computer Science Logic and Foundations of Programming Programming Techniques Formal Languages and Automata Theory Artificial Intelligence
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	Program Termination -- Proving Termination with (Boolean) Satisfaction -- Termination Analysis of Logic Programs Based on Dependency Graphs -- Type-Based Homeomorphic Embedding and Its Applications to Online Partial Evaluation -- Program Transformation -- Towards a Normal Form for Mercury Programs -- Aggregates for CHR through Program Transformation -- Preserving Sharing in the Partial Evaluation of Lazy Functional Programs -- Denotation by Transformation -- Constraint Solving and Analysis -- Generation of Rule-Based Constraint Solvers: Combined Approach -- A Scalable Inclusion Constraint Solver Using Unification -- Annotation Algorithms for Unrestricted Independent And-Parallelism in Logic Programs -- A Flexible, (C)LP-

Based Approach to the Analysis of Object-Oriented Programs -- Software Engineering -- Snapshot Generation in a Constructive Object-Oriented Modeling Language -- Synthesis of Data Views for Communicating Processes -- Action Refinement in Process Algebra and Security Issues.

Sommario/riassunto

This postproceedings volume of the 17th International Symposium on Logic-Based Program Synthesis and Transformation, LOPSTR 2007, examines program termination, program transformation, constraint solving and analysis as well as software engineering.