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Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 9613
Disciplina	005.114
Soggetti	Software engineering Computer science Compilers (Computer programs) Machine theory Artificial intelligence Computer programming Software Engineering Computer Science Logic and Foundations of Programming Compilers and Interpreters Formal Languages and Automata Theory Artificial Intelligence Programming Techniques
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Logic/Constraint Programming and Concurrency: The Hard-Won Lessons of the Fifth Generation Computer Project -- From Sets to Bits in Coq -- From proposition to program: embedding the refinement calculus in Coq -- The Boolean Constraint Solver of SWI-Prolog: System Description -- Probabilistic inference by program transformation in Hakaru: System description -- An interaction net encoding of Godel's System T -- Space-efficient Planar Acyclicity Constraints: A Declarative Pearl -- Executable Relational Specifications of Polymorphic Type Systems using Prolog -- Proof Relevant Corecursive Resolution -- A

Coq Library For Internal Verification of Running-Times -- A  
Transformational Approach to Parametric Accumulated-cost Static  
Profiling -- Polymorphic Types in Erlang Function Specifications --  
Declarative foreign function binding through generic programming --  
Declarative Programming with Algebra.

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Sommario/riassunto

This book constitutes the proceedings of the 13th International  
Symposium on Functional and Logic Programming, FLOPS 2016, held in  
Kochi, Japan, in March 2016. The 14 papers presented in this volume  
were carefully reviewed and selected from 36 submissions. They cover  
the following topics: functional and logic programming; program  
transformation and re-writing; and extracting programs from proofs of  
their correctness. .

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