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Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 1381
Disciplina	005.1
Soggetti	Programming languages (Electronic computers) Software engineering Computer logic Logic, Symbolic and mathematical Computer programming Programming Languages, Compilers, Interpreters Software Engineering/Programming and Operating Systems Logics and Meanings of Programs Mathematical Logic and Formal Languages Programming Techniques Software Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Concurrent constraint programming based on functional programming -- A bisimulation method for cryptographic protocols -- A polyvariant binding-time analysis for off-line partial deduction -- Verifiable and executable logic specifications of concurrent objects in L_pi -- Complexity of concrete type-inference in the presence of exceptions -- Synchronisation analysis to stop tupling -- Propagating differences: An efficient new fixpoint algorithm for distributive constraint systems -- Reasoning about classes in object-oriented languages: Logical models and tools -- Language primitives and type discipline for structured communication-based programming -- The functional imperative:

Shape! -- Code motion and code placement: Just synonyms? -- Recursive object types in a logic of object-oriented programs -- Mode-automata: About modes and states for reactive systems -- From classes to objects via subtyping -- Building a bridge between pointer aliases and program dependences -- A complete declarative debugger of missing answers -- Systematic change of data representation: Program manipulations and a case study -- A generic framework for specialization (abridged version).

Sommario/riassunto

This book constitutes the refereed proceedings of the 7th European Symposium on Programming, ESOP'98, held as part of the Joint European Conferences on Theory and Practice of Software, ETAPS'98, in Lisbon, Portugal, in March/April 1998. This volume presents 17 revised full papers selected from a total of 59 submissions; also included is one invited paper. Among the issues addressed are software specification and verification, programming paradigms, semantics for formal development and implementation, program analysis, program transformation, etc.
