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Descrizione fisica	1 online resource (XI, 297 p.)
Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 1378
Disciplina	005.1
Soggetti	Software engineering Computers Computer logic Logic, Symbolic and mathematical Programming languages (Electronic computers) Software Engineering/Programming and Operating Systems Theory of Computation Logics and Meanings of Programs Mathematical Logic and Formal Languages Programming Languages, Compilers, Interpreters Computation by Abstract Devices
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Generalizing domain theory -- A cook's tour of equational axiomatizations for prefix iteration -- The WHILE hierarchy of program schemes is infinite -- Analysis of a guard condition in type theory -- An event structure semantics for P/T contextual nets: Asymmetric event structures -- Pumping Lemmas for timed automata -- Asynchronous Observations of Processes -- Minor searching, normal forms of graph relabelling: Two applications based on enumerations by graph relabelling -- Partial metrics and co-continuous valuations -- Mobile ambients -- Rational term rewriting -- The appearance of big integers

in exact real arithmetic based on Linear Fractional Transformations --  
Net refinement by pullback rewriting -- On piecewise testable, starfree,  
and recognizable picture languages -- Functor categories and two-  
level languages -- Deciding properties for message sequence charts --  
The Church-Rosser languages are the deterministic variants of the  
growing context-sensitive languages -- Deterministic rational  
transducers and random sequences -- Resource based models for  
asynchrony.

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Sommario/riassunto

This book constitutes the refereed proceedings of the First  
International Conference on the Foundations of Software Science and  
Computation Structures, FoSSaCS'98, held as part of the Joint European  
Conferences on Theory and Practice of Software, ETAPS'98, in Lisbon,  
Portugal, in March/April 1998. The 19 revised full papers presented in  
the book were carefully selected from a total of 44 submissions.  
Among the topics covered are formal specification, automata theory,  
term rewriting and rewriting systems, process algebras, formal  
language theory, type theory, event structures, and iteration theory.

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