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Titolo	Mathematical Foundations of Software Development. Proceedings of the International Joint Conference on Theory and Practice of Software Development (TAPSOFT), Berlin, March 25-29, 1985 [[electronic resource]] : Volume 1: Colloquium on Trees in Algebra and Programming (CAAP'85) / / edited by Hartmut Ehrig, Christiane Floyd, Maurice Nivat, James Thatcher
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Edizione	[1st ed. 1985.]
Descrizione fisica	1 online resource (XVIII, 422 p.)
Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 185
Disciplina	004.0151
Soggetti	Computers Software engineering Computer logic Combinatorics Theory of Computation Software Engineering Logics and Meanings of Programs
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Specification and top down design of distributed systems -- Specification languages for distributed systems -- Semantically based programming tools (Summary) -- From function level semantics to program transformation and optimization -- Inductively defined functions -- Three approaches to type structure -- On the maximum size of random trees -- Fast searching in a real algebraic manifold with applications to geometric complexity -- Typed categorical combinatory logic -- A path ordering for proving termination of term rewriting systems -- A rewrite rule based approach for synthesizing abstract data types -- "Delayability" in proofs of strong normalizability in the typed lambda Calculus -- Bisimulations and abstraction homomorphisms -- A metric characterization of fair computations in

CCS -- A complete modal proof system for a subset of SCCS --
Amalgamation of graph transformations with applications to
synchronization -- Decompilation of control structures by means of
graph transformations -- Synchronized bottom-up tree automata and
L-systems -- On observational equivalence and algebraic specification
-- Parameter preserving data type specifications -- On the
parameterized algebraic specification of concurrent systems -- The
semantics of shared submodules specifications -- Why Horn formulas
matter in computer science: Initial structures and generic examples --
On the implementation of abstract data types by programming
language constructs -- A LISP compiler for FP language and its proof
via algebraic semantics.
