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Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 85
Disciplina	005.11
Soggetti	Computer programming Computers Mathematical logic Programming Techniques Computation by Abstract Devices Mathematical Logic and Formal Languages
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	How to get rid of pseudoterminals -- Test sets for homomorphism equivalence on context free languages -- Languages with homomorphic replacements -- Functions equivalent to integer multiplication -- Languages with reducing reflexive types -- Semantics of unbounded nondeterminism -- A shifting algorithm for min-max tree partitioning -- A characterisation of computable data types by means of a finite equational specification method -- A note on sweeping automata -- Border rank of a $p \times q \times 2$ tensor and the optimal approximation of a pair of bilinear forms -- Derivations et reductions dans les grammaires algebriques -- Semantic analysis of communicating sequential processes -- Dos systems and languages -- Algebraic implementation of abstract data types: concept, syntax, semantics and correctness -- Parameterized data types in algebraic specification languages -- Characterizing correctness properties of parallel programs using fixpoints -- Formal properties of one-visit and multi-pass attribute grammars (extended abstract) --

Cryptocomplexity and NP-completeness -- On the analysis of tree-matching algorithms -- Generating and searching sets induced by networks -- The complexity of the inequivalence problem for regular expressions with intersection -- An almost linear time algorithm for computing a dependency basis in a relational data base -- Bipolar synchronization systems -- Testing of properties of finite algebras -- A transaction model -- On observing nondeterminism and concurrency -- Terminal algebra semantics and retractions for abstract data types -- The complexity of semilinear sets -- A theory of nondeterminism -- A representation theorem for models of \*-free PDL -- Present-day Hoare-like systems for programming languages with procedures: Power, limits and most likely extensions -- Symmetric space-bounded computation (extended abstract) -- On some properties of local testability -- Semantics :Algebras, fixed points, axioms -- Measuring the expressive power of dynamic logics: An application of abstract model theory -- Pebbling mountain ranges and its application to DCFL-recognition -- Space-restricted attribute grammars -- A constructive approach to compiler correctness -- A worst-case analysis of nearest neighbor searching by projection -- Propriétés syntactiques du produit non ambigu -- On the optimal assignment of attributes to passes in multi-pass attribute evaluators -- Optimal unbounded search strategies -- A "fast implementation" of a multidimensional storage into a tree storage -- Grammatical families -- Partitioned chain grammars -- An improved program for constructing open hash tables -- On the power of commutativity in cryptography -- Characterizations of the LL(k) property -- Computability in categories -- On the size complexity of monotone formulas -- Reversible computing -- The use of metasystem transition in theorem proving and program optimization -- On the power of real-time turing machines under varying specifications.

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