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Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 206
Disciplina	005.1
Soggetti	Software engineering Computer logic Software Engineering/Programming and Operating Systems Software Engineering Logics and Meanings of Programs
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	The mathematics of programming -- Concurrent programming using actors: Exploiting large-scale parallelism -- A new class of high level programs for distributed computing systems -- A class of termination detection algorithms for distributed computations -- New protocols for the election of a leader in a ring -- Program simplification via symbolic interpretation -- PROLOG-based inductive theorem proving -- On the calling behaviour of procedures -- Approximation algorithms for planar matching -- Geometric optimization and the polynomial hierarchy -- Deriving object octree from images -- Deduction with relation matching -- Recursively defined domains and their induction principles -- Large database specifications from small views -- A decision method for temporal logic based on resolution -- A generalization of the Parikh vector for finite and infinite words -- The implication problem for functional and multivalued dependencies : An algebraic approach -- A simple characterization of database serializability -- Who needs to verify programs if you can test them -- Partial correctness semantics for CP[?, , &] -- A proof technique for rely/guarantee properties -- A complete proof system for SCCS with

modal assertions -- Demand-driven evaluation on dataflow machine --  
Design and implementation of a procedural VLSI layout system -- VLSI  
systems for matrix multiplication -- Parallel algorithms for solving  
certain classes of linear recurrences --  $O(1)$  parallel time incremental  
graph algorithms -- NC algorithms for comparability graphs, interval  
graphs, and testing for unique perfect matching -- Fast and efficient  
parallel algorithms for the exact inversion of integer matrices.

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