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Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 154
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Nota di contenuto	On semantic foundations for applicative multiprogramming -- An axiomatization of the intermittent assertion method using temporal logic -- Topological characterizations of infinite behaviours of transition systems -- Linear time and branching time semantics for recursion with merge -- Processes and a fair semantics for the ADA rendez-vous -- Conditional dependencies for horizontal decompositions -- On the relationship of CCS and CSP -- Behavioural equivalence relations induced by programming logics -- Lower bounds for constant depth circuits for prefix problems -- Test sets for morphisms with bounded delay -- Symmetric and economical solutions to the mutual exclusion problem in a distributed system -- Ambiguity and decision problems concerning number systems -- On the observational semantics of fair parallelism -- An O(N4) algorithm to construct all Voronoi diagrams for k nearest neighbor searching -- Algebraic languages and polyomnoes enumeration -- On the number of equal-sized semispaces of a set of points in the plane -- Algebraic specifications with generating constraints -- Wythoff games, continued

fractions, cedar trees and Fibonacci searches -- Initial index: A new complexity function for languages -- Modular compiler descriptions based on abstract semantic data types (Extended Abstract) -- Polynomial-time factorization of multivariate polynomials over finite fields -- Processes of place/transition-nets -- A hardware semantics based on temporal intervals -- Lower bounds for solving undirected graph problems on VLSI -- Concurrent probabilistic program, or: How to schedule if you must -- Computation times of NP sets of different densities -- Rewrite methods for clausal and non-clausal theorem proving -- Complexity of infinite trees -- Incremental construction of unification algorithms in equational theories -- Tree automata and attribute grammars -- Effectively given spaces -- A note on intersections of free submonoids of a free monoid -- A fast sorting algorithm for VLSI -- On the composition of morphisms and inverse morphisms -- On the group complexity of a finite language -- Reasoning with time and chance -- Factoring multivariate integral polynomials -- On the study data structures: Binary tournaments with repeated keys -- Minimizing width in linear layouts -- Proving precedence properties: The temporal way -- An algebraic semantics for busy (data-driven) and lazy (demand-driven) evaluation and its application to a functional language -- Searchability in merging and implicit data structures -- Strong abstract interpretation using power domains -- Testing equivalences for processes -- Specification-oriented semantics for communicating processes -- Complexity classes of alternating machines with oracles -- A propos d'une conjecture de F. Dejean sur les répétitions dans les mots -- Parallel dictionaries on 2–3 trees -- Varietes de semigroupes et mots infinis -- Arbres et hierarchies de concatenation -- A multiprocess network logic with temporal and spatial modalities -- Enumeration of success patterns in logic programs -- Immunity -- Power domains and predicate transformers: A topological view -- Recognition and isomorphism of two dimensional partial orders -- On the simulation of many storage heads by a single one -- Synchronisation trees -- Cutting and partitioning a graph after a fixed pattern -- Context-free controlled etol systems -- Referees for ICALP-83.