Record Nr. UNISA996466335803316 **Titolo** Automata, Languages and Programming [[electronic resource]]: 10th Colloquium Barcelona, Spain, July 18-22, 1983 / / edited by J. Diaz Pubbl/distr/stampa Berlin, Heidelberg:,: Springer Berlin Heidelberg:,: Imprint: Springer, , 1983 **ISBN** 3-540-40038-9 Edizione [1st ed. 1983.] 1 online resource (VIII, 737 p.) Descrizione fisica Collana Lecture Notes in Computer Science, , 0302-9743 ; ; 154 004.0151 Disciplina Soggetti Computers Mathematical logic Computer programming Computation by Abstract Devices Mathematical Logic and Formal Languages Programming Techniques Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Bibliographic Level Mode of Issuance: Monograph 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

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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 -- Specificationoriented 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.