



# Logics of Programs and Their Applications

By A. Salwicki

Springer Jan 1983, 1983. Taschenbuch. Book Condition: Neu. 23.5x15.5x cm. This item is printed on demand - Print on Demand Titel. Neuware - InhaltsangabeSharpening the characterization of the power of Floyd method.- On proving program correctness by means of stepwise refinement method.- Semantics and implementation of prefixing at many levels.- Nonstandard models in Propositional Dynamic Logic.- On priorities of parallelism: Petri nets under the maximum firing strategy.- On four logics of programs and complexity of their satisfiability problems: Extended abstract.- Are infinite behaviours of parallel system schemata necessary .- Algorithmic properties of finitely generated structures.- Algebraic semantics and program logics: Algorithmic logic for program trees.- Some model-theoretical properties of logic for programs with random control.- A formal system for parallel programs in discrete time and space.- On the propositional algorithmic theory of arithmetic.- Nonstandard runs of Floyd-provable programs.- On some extensions of dynamic logic.- On algorithmic logic with partial operations.- Towards a theory of parallelism and communications for increasing efficiency in applicative languages.- An operational semantics for CSP.- Programming languages and logics of programs.- Concurrent programs.- Axiomatic approach to the system of files.- A sequent calculus for Kröger logic.- On axiomatization of process logic.- Filtration theorem for dynamic algebras with...



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