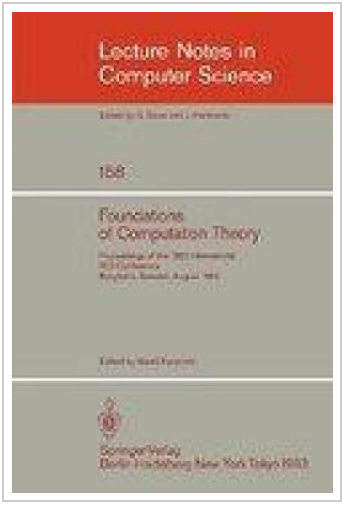

Foundations of Computation Theory

By M. Karpinski

Springer Aug 1983, 1983. Taschenbuch. Book Condition: Neu. 235x155x28 mm. This item is printed on demand - Print on Demand Titel. Neuware - Experiments, powerdomains and fully abstract models for applicative multiprogramming.- Deterministic dynamic logic of recursive programs is weaker than dynamic logic.- Reversal-bounded and visit-bounded realtime computations.- Input-driven languages are recognized in log n space.- How to search in history.- Comstructive matnkmatics as a programming logic I: Some principles of theory.- The classification of problems which have fast parallel algorithms.- A fair calculus of communicating systems.- Two way finite state generators.- A complete set of axioms for a theory of communicating sequential processes.- The consensus problem in unreliable distributed systems (a brief survey).- Methods in the analysis of algorithms : Evaluations of a recursive partitioning process.- Space and reversal complexity of probabilistic one-way turing machines.- Pseudorandom number generation and space complexity.- Recurring dominoes: Making the highly undecidable highly understandable (preliminary report).- Propositional dynamic logic of flowcharts.- Fast triangulation of simple polygons.- On containment problems for finite-turn languages.- On languages generated by semigroups.- Aspects of programs with finite modes.- Estimating a probability using finite memory.- The greedy and Delauney triangulations are not bad in the average case and minimum weight...

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