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Collana	Programming and Software Engineering ; ; 8552
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Soggetti	Computer system failures Algorithms Computer logic Software engineering Programming languages (Electronic computers) Computers System Performance and Evaluation Algorithm Analysis and Problem Complexity Logics and Meanings of Programs Software Engineering Programming Languages, Compilers, Interpreters Computation by Abstract Devices
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Certified Complexity (CerCo) -- On the Modular Integration of Abstract Semantics for WCET Analysis -- Can a Light Typing Discipline Be Compatible with an Efficient Implementation of Finite Fields Inversion? -- Probabilistic Analysis of Programs: A Weak Limit Approach -- Predicative Lexicographic Path Orders: An Application of Term Rewriting to the Region of Primitive Recursive Functions -- A Hoare Logic for Energy Consumption Analysis -- Reasoning About Resources in the Embedded Systems Language Hume -- On Paths-Based Criteria for Polynomial Time Complexity in Proof-Nets -- Collected Size

Semantics for Strict Functional Programs over General Polymorphic Lists.

Sommario/riassunto

This book constitutes the proceedings of the Third International Workshop on Foundational and Practical Aspects of Resource Analysis, FOPARA 2013, held in Bertinoro, Italy, in August 2013. The 9 papers presented in this volume were carefully reviewed and selected from 12 submissions. They deal with traditional approaches to complexity analysis, differential privacy, and probabilistic analysis of programs.