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| Collana | Lecture notes in computer science ; ; 4421 |
| Altri autori (Persone) | De NicolaRocco |
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| Soggetti | Computer programming Programming languages (Electronic computers) |
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| Livello bibliografico | Monografia |
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| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | Invited Talk -- Techniques for Contextual Equivalence in Higher-Order, Typed Languages -- Models and Languages for Web Services -- Structured Communication-Centred Programming for Web Services -- CC-Pi: A Constraint-Based Language for Specifying Service Level Agreements -- A Calculus for Orchestration of Web Services -- A Concurrent Calculus with Atomic Transactions -- Verification -- Modal I/O Automata for Interface and Product Line Theories -- Using History Invariants to Verify Observers -- Term Rewriting -- On the Implementation of Construction Functions for Non-free Concrete Data Types -- Anti-pattern Matching -- Language Based Security -- A Certified Lightweight Non-interference Java Bytecode Verifier -- Controlling the What and Where of Declassification in Language-Based Security -- Cost Analysis of Java Bytecode -- Logics and Correctness Proofs -- On the Relationship Between Concurrent Separation Logic and Assume-Guarantee Reasoning -- Abstract Predicates and Mutable ADTs in Hoare Type Theory -- Structure of a Proof-Producing Compiler for a Subset of Higher Order Logic -- Static Analysis and Abstract Interpretation I -- Modular Shape Analysis for Dynamically Encapsulated Programs -- Static Analysis by Policy Iteration on Relational Domains -- Computing Procedure Summaries for |

Interprocedural Analysis -- Small Witnesses for Abstract Interpretation-Based Proofs -- Static Analysis and Abstract Interpretation II -- Interprocedurally Analysing Linear Inequality Relations -- Precise Fixpoint Computation Through Strategy Iteration -- Semantic Theories for Object Oriented Languages -- A Complete Guide to the Future -- The Java Memory Model: Operationally, Denotationally, Axiomatically -- Immutable Objects for a Java-Like Language -- Process Algebraic Techniques -- Scalar Outcomes Suffice for Finitary Probabilistic Testing -- Probabilistic Anonymity Via Coalgebraic Simulations -- A Fault Tolerance Bisimulation Proof for Consensus (Extended Abstract) -- A Core Calculus for a Comparative Analysis of Bio-inspired Calculi -- Applicative Programming -- A Rewriting Semantics for Type Inference -- Principal Type Schemes for Modular Programs -- A Consistent Semantics of Self-adjusting Computation -- Multi-language Synchronization -- Types for Systems Properties -- Type-Based Analysis of Deadlock for a Concurrent Calculus with Interrupts -- Type Reconstruction for General Refinement Types -- Dependent Types for Low-Level Programming.
