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Soggetti

Compilers (Computer programs)

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Compilers and Interpreters

Software Engineering

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Nota di contenuto

Programming with People: Integrating Human-Based and Digital -- Optimal Register Allocation in Polynomial Time -- Optimal and Heuristic Global Code Motion for Minimal Spilling -- Efficient and Effective Handling of Exceptions in Java Points-to Analysis -- An Incremental Points-to Analysis with CFL-Reachability -- FESA: Fold-and Expand-Based Shape Analysis -- Simple and Efficient Construction of Static Single Assignment Form -- PolyGLoT: A Polyhedral Loop Transformation Framework for a Graphical Dataflow Language -- Architecture-Independent Dynamic Information Flow Tracking -- On the Determination of Inlining Vectors for Program Optimization -- Automatic Generation of Program Affinity Policies Using Machine Learning -- Compiler-Guided Identification of Critical Sections in Parallel Code -- Refactoring MATLAB -- On LR Parsing with Selective Delays.

Sommario/riassunto

This book constitutes the proceedings of the 22nd International

Conference on Compiler Construction, CC 2013, held as part of the European Joint Conferences on Theory and Practice of Software, ETAPS 2013, which took place in Rome, Italy, in March 2013. The 13 papers presented in this book were carefully reviewed and selected from 53 submissions. They have been organized into five topical sections on register allocation, pointer analysis, data and information flow, machine learning, and refactoring.
