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Nota di contenuto	Language Support for Generic Programming in Object-Oriented Languages: Peculiarities, Drawbacks, Ways of Improvement -- JetsonLeap: a Framework to Measure Energy-Aware Code Optimizations in Embedded and Heterogeneous Systems -- A Monadic Semantics for Quantum Computing in Featherweight Java -- Memoized Zipper-based Attribute Grammars -- Purely Functional Incremental Computing -- Automatic Annotating and Checking of Dynamic Ownership -- Certified Derivative Based Parsing of Regular Expressions -- Concurrent hash tables for Haskell -- Optional Type Classes for Haskell -- An algebraic framework for parallelizing recurrence in functional Programming -- A Platform of Scientific Workows for Orchestration of Parallel Components in a Cloud of High Performance Computing Applications -- Comparison

between Model Fields and Abstract Predicates.

Sommario/riassunto

This book constitutes the proceedings of the 20th Brazilian Symposium on Programming Languages, SBLP 2016, held in Maringá, Brazil, in September 2016. The 12 papers presented in this volume were carefully reviewed and selected from 26 submissions. They deal with fundamental principles and innovations in the design and implementation of programming languages and systems.
