Neil D. Jones Masami Hagiya Masahiko Sato (Eds.)

Logic, Language and Computation

Festschrift in Honor of Satoru Takasu

Technische Hochschule Darmstadt FACHBEREICH INFORMATIK
BIBLIOTHEK
Inventar-Nr.: 265G7
Sachgebiete: F-1
Standort:

Springer-Verlag

Berlin Heidelberg New York London Paris Tokyo Hong Kong Barcelona Budapest

Contents

Constructive Type Theory

Lifschitz' Logic of Calculable Numbers and Optimizations in Program Extraction
On Implicit Arguments
A Functional System with Transfinitely Defined Types
The Non-deterministic Catch and Throw Mechanism and Its Subject Reduction Property
Lambda Calculus
Conservativeness of Λ over $\lambda \sigma$ -Calculus
ML with First-Class Environments and its Type Inference Algorithm 95 Shin-ya Nishizaki
A Simple Proof of the Genericity Lemma
Logic, Algebra, and Applications
The Logic of FOL Systems: Formulated in Set Theory
Well-Ordering of Algebras and Kruskal's Theorem
On Locomorphism in Analytical Equivalence Theory
Analysis of a Software/Hardware System by Tense Arithmetic

Takumi Kasai, Shusaku Sawato and Shigeki Iwata