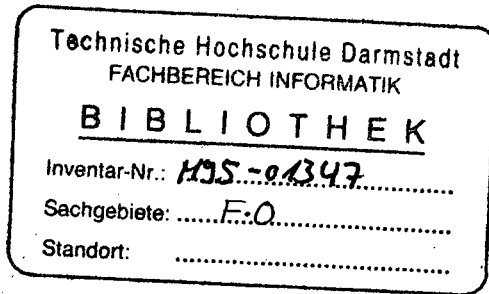


Proof and Computation

Edited by

Helmut Schwichtenberg

Ludwig-Maximilians-Universität München
Mathematisches Institut, Theresienstraße 39
D-80333 München, Germany



Springer

Published in cooperation with NATO Scientific Affairs Division

Table of Contents

Program Development by Proof Transformation	1
<i>Ulrich Berger, Helmut Schwichtenberg</i>	
Concurrent Processes and Petri Nets	47
<i>Wilfried Brauer, Robert Gold</i>	
Using Reflection to Explain and Enhance Type Theory	109
<i>Robert L. Constable</i>	
On Geometry of Interaction	145
<i>Jean-Yves Girard</i>	
Behavioural Specifications	193
<i>Rolf Hennicker, Martin Wirsing</i>	
A Deductive Approach to Logic Programming	231
<i>Gerhard Jäger</i>	
Rewrite Proofs and Computations	271
<i>Jean-Pierre Jouannaud</i>	
Action Structures and the Pi Calculus	317
<i>Robin Milner</i>	
Linear Logic and Computation: A Survey	379
<i>Andre Scedrov</i>	
Computable Functions on Stream Algebras	397
<i>John V. Tucker, Jeffrey I. Zucker</i>	
The Proof Theoretic Complexity of Recursive Programs	439
<i>Stanley S. Wainer</i>	