

Contents

T. Ehrhard and P. Malacaria Stone Duality for Stable Functions	1
R. M. Amadio Bifinite Domains: Stable Case	16
R. D. Tennent Local Variables and Non-Interference in Algol-like Languages	34
A. Edalat and M. B. Smyth Categories of Information Systems	37
R. Hoofman and H. Schellinx Collapsing Graph Models by Preorders	53
P. W. O'Hearn Linear Logic and Interference Control	74
A. Burrone Higher Dimensional Word Problem	94
S. Hirokawa BCK-Formulas Having Unique Proofs	106
R. Blute Proof Nets and Coherence Theorems	121
E. Moggi A Modular Approach to Denotational Semantics	138
G. Jarzembki Programs in Partial Algebras - a Categorical Approach	140
C. B. Jay Tail Recursion from Universal Invariants	151
T. Coquand A Direct Proof of the Intuitionistic Ramsey Theorem	164
D. Pavlovic Constructions and Predicates	173
B. Jacobs, E. Moggi and T. Streicher Relating Models of Impredicative Type Theories	197
W. Phoa Two Results on Set-Theoretic Polymorphism	219
A. Corradini and U. Montanari An Algebra of Graphs and Graph Rewriting	236
E. W. Stark Dataflow Networks are Fibrations	261
P. Degano, S. Kasangian and S. Vigna Applications of the Calculus of Trees to Process Description Languages.	282