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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	An Algebraic Framework for Separate Type-Checking -- Moving Specification Structures Between Logical Systems -- Normal Forms for Partitions and Relations -- Parameterisation of Logics -- Semantic Constructions for Hidden Algebra -- Functorial Semantics for Multi-algebras -- An Algebra of Graph Derivations Using Finite (co-) Limit Double Theories -- Hierarchical Heterogeneous Specifications -- Parallel Admissible Graph Rewriting -- Refinements and Modules for Typed Graph Transformation Systems -- Complete Strategies for Term Graph Narrowing -- Non-deterministic Computations in ELAN -- Rasiowa-Sikorski Deduction Systems: A Handy Tool for Computer Science Logics -- Translating OBJ3 into CASL: The Institution Level -- Casl: A Guided Tour of Its Design -- Abstract Petri Nets as a Uniform Approach to High-Level Petri Nets -- Using Reflection to Specify Transaction Sequences in Rewriting Logic -- Concurrency and Data Types: A Specification Method An Example with LOTOS -- The Situation and State Calculus versus Branching Temporal Logic -- Modular Specification of Concurrent Systems with Observational Logic -- Proof Normalization of Structured Algebraic Specifications Is Convergent.
Sommario/riassunto	The European conference situation in the general area of software science has long been considered unsatisfactory. A fairly large number

of small and medi- sized conferences and workshops take place on an irregular basis, competing for high-quality contributions and for enough attendees to make them ?nancially viable. Discussions aiming at a consolidation have been underway since at least 1992, with concrete planning beginning in summer 1994 and culminating in a public meeting at TAPSOFT'95 in Aarhus. On the basis of a broad consensus, it was decided to establish a single annual federated spring conference in the slot that was then occupied by TAPSOFT and CAAP/ESOP/CC, comprising a number of existing and new conferences and covering a spectrum from theory to practice. ETAPS'98, the ?rst instance of the European Joint Conferences on Theory and Practice of Software, is taking place this year in Lisbon. It comprises ?ve conferences (FoSSaCS, FASE, ESOP, CC, TACAS), four workshops (ACoS, VISUAL, WADT, CMCS), seven invited lectures, and nine tutorials.

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