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Nota di contenuto	Interactive Rule-Based Specification with an Application to Visual Language Definition -- Algebraic Abstractions -- Combining Logics: Parchments Revisited -- Canonical Institutions of Behaviour -- The Lübeck Transformation System: A Transformation System for Equational Higher Order Algebraic Specifications -- On the Compatibility of Model and Model-Class Transformations -- Verifying a Simple Pipelined Microprocessor Using Maude -- Verifying Architectural Specifications -- Geometric Modelling with CASL -- A Compositional Approach to Connector Construction -- Institution Independent Static Analysis for Casl -- Tight and Loose Semantics for Transformation Systems -- Presentations for Abstract Context Institutions --

Programs, Proofs and Parametrized Specifications -- Towards Trustworthy Specification I: Consistency Checks -- The Common Framework Initiative for Algebraic Specification and Development of Software: Recent Progress.

Sommario/riassunto

This book constitutes the thoroughly refereed post-workshop proceedings of the 15th International Workshop on Algebraic Development Techniques, WADT 2001, held jointly with the General Workshop of the ESPRIT Working Group CoFI in Genova, Italy, in April 2001. The book presents 16 papers selected from 32 workshop presentations. Among the topics addressed are formal specification, specification languages, term rewriting, and proof systems.
