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   Nota di contenuto   Invited Talks -- Developing Topology Discovery in Event-B -- Decomposition Structures for Event-B -- Taming the Unbounded for Hardware Synthesis -- Contributed Papers -- Verifying UML/OCL Operation Contracts -- Property Specifications for Workflow Modelling -- Formal Verification Based on Guided Random Walks -- Parallel Processes with Real-Time and Data: The ATLANTIF Intermediate Format -- Changing System Interfaces Consistently: A New Refinement Strategy for CSP//B -- CSP with Hierarchical State -- Predicate Abstraction in a Program Logic Calculus -- Mechanised Translation of Control Law Diagrams into Circus -- Realizability of Choreographies Using Process Algebra Encodings -- Modelling Divergence in Relational Concurrent Refinement -- SAL-Based Symbolic Scheduling in Time-Triggered Networks -- Incremental Reasoning for Multiple Inheritance -- Model Checking LTL Formulae in RAISE with FDR -- An Introduction

to Grammar Convergence -- Application of Graph Transformation in Verification of Dynamic Systems -- Formal Probabilistic Analysis of Stuck-at Faults in Reconfigurable Memory Arrays -- Challenges in the Specification of Full Contracts -- Partial Order Reduction for State/Event LTL -- Dynamic Path Reduction for Software Model Checking -- Automatic Generation of Error Messages for the Symbolic Execution of EB3 Process Expressions -- Decompositional Petri Net Reductions.

Sommario/riassunto	This book constitutes the refereed proceedings of the 7th International Conference on Integrated Formal Methods, IFM 2009, held in Düsseldorf, Germany in February 2009. The 21 revised full papers presented together with 3 invited papers were carefully reviewed and selected from 55 submissions. The papers address the whole spectrum of integrated formal methods, ranging from formal and semiformal modelling notations, semantics, verification, refinement, model transformations to type systems, logics, tools and case studies.