1. Record Nr.   UNINA9910143610803321

   Titolo   Integrated formal methods : second international conference, IFM 2000,
                       Dagstuhl Castle, Germany, November 1-3, 2000 : proceedings / /
                       Wolfgang Grieskamp, Thomas Santen, Bill Stoddart (eds.)

   Pubbl/distr/stampa Berlin, Germany ; ; New York, New York : , : Springer, , [2000]
                       Â©2000

   ISBN   3-540-40911-4

   Edizione   [1st ed. 2000.]

   Descrizione fisica 1 online resource (X, 446 p.)

   Collana   Lecture Notes in Computer Science, , 0302-9743 ; ; 1945

   Disciplina   004/.01/51

   Soggetti   Formal methods (Computer science)

   Lingua di pubblicazione Inglese

   Formato   Materiale a stampa

   Livello bibliografico Monografia

   Note generali   Bibliographic Level Mode of Issuance: Monograph

   Nota di bibliografia Includes bibliographical references and index.

   Nota di contenuto   Invited Talk -- Assertions -- Linking and Extending Notations -- State-
                       Based Extension of CASL -- Linking DC Together with TRSL --
                       Formalizing Timing Diagrams as Causal Dependencies for Verification
                       Purposes -- A Process Compensation Language -- Activity Graphs and
                       Processes -- Structuring Real-Time Object-Z Specifications -- ISpec:
                       Towards Practical and Sound Interface Specifications -- Methodology
                       -- Cooperation of Formal Methods in an Engineering Based Software
                       Development Process -- Developing Control Systems Components --
                       Specification and Analysis of Automata-Based Designs -- Structural
                       Refinement in Object-Z / CSP -- Towards a Unified Development
                       Methodology for Shared-Variable Parallel and Distributed Programs --
                       Foundation of One Formalism by Another -- Construction of Finite
                       Labelled Transition Systems from B Abstract Systems -- ?-Charts and Z:
                       Hows, Whys, and Wherefores -- Combining Operational Semantics,
                       Logic Programming and Literate Programming in the Specification and
                       Animation of the Verilog Hardware Description Language -- Invited
                       Talk -- Why Doesn't Anyone Use Formal Methods? -- Semantics --
                       How to Write a Healthiness Condition -- A Concurrent and
                       Compositional Petri Net Semantics of Preemption -- Verification and
                       Validation -- An Approach to Symbolic Test Generation -- Behavioral
                       Conformance Verification in an Integrated Approach Using UML and B
                       -- Predicate Diagrams for the Verification of Reactive Systems --