1. Record Nr.          UNISA996465648703316

   Titolo              Rewriting Logic and Its Applications [[electronic resource] ] : 9th
                       International Workshop, WRLA 2012, Held as a Satellite Event of ETAPS
                       2012, Tallinn, Estonia, March 24-25, 2012, Revised Selected Papers / /
                       edited by Francisco Durán

   Pubbl/distr/stampa  Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer,
                       , 2012

   ISBN                3-642-34005-9

   Edizione            [1st ed. 2012.]

   Descrizione fisica  1 online resource (VIII, 241 p. 51 illus.)

   Collana             Theoretical Computer Science and General Issues, , 2512-2029 ; ; 7571

   Disciplina          005.101/5113

   Soggetti            Computer science
                       Software engineering
                       Computer programming
                       Compilers (Computer programs)
                       Machine theory
                       Computer Science Logic and Foundations of Programming
                       Software Engineering
                       Programming Techniques
                       Compilers and Interpreters
                       Formal Languages and Automata Theory
                       Models of Computation

   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 author index.

   Nota di contenuto   Rigorous Component-Based System Design (Invited Paper) -- Program
                       Analysis Scenarios in Rascal -- K Framework Distilled -- Design and
                       Analysis of Cloud-Based Architectures with KLAIM and Maude --
                       Making Maude Definitions More Interactive -- Model Checking LTLR
                       Formulas under Localized Fairness -- Modelling and Analyzing
                       Adaptive Self-assembly Strategies with Maude -- Formal Modeling and
                       Analysis of Human Body Exposure to Extreme Heat in HI-Maude --
                       Order-Sorted Equality Enrichments Modulo Axioms -- Timed CTL
                       Model Checking in Real-Time Maude -- Using Narrowing to Test Maude
                       Specifications -- A Rule-Based Framework for Building Superposition-

Based Decision Procedures.

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|---|---|
| Sommario/riassunto | This book constitutes the thoroughly refereed post-workshop proceedings of the 9th International Workshop on Rewriting Logic and its Applications, WRLA 2012, held as a satellite event of ETAPS 2012, in Tallinn, Estonia, in March 2012. The 8 revised full papers presented together with 4 invited papers were carefully reviewed and selected from 12 initial submissions and 5 invited lectures. The papers address a great diversity of topics in the fields of rewriting logic such as: foundations and models, languages, logical and semantic framework, model-based software engineering, real-time and probabilistic extensions, verification techniques, and distributed systems. |