Record Nr. UNISA996466342703316 Applications of graph transformations with industrial relevance: third **Titolo** international symposium, AGTIVE 2007, Kassel, Germany, October 10-12, 2007, revised selected and invited papers / / edited by Andy Schurr, Manfred Nagl, Albert Zundorf Pubbl/distr/stampa Berlin, Germany;; New York, New York:,: Springer,, [2008] ©2008 **ISBN** 3-540-89020-3 [1st ed. 2008.] Edizione Descrizione fisica 1 online resource (XIII, 594 p.) Programming and Software Engineering:: 5088 Collana Disciplina 004 Soggetti Rewriting systems (Computer science) Computer science Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Bibliographic Level Mode of Issuance: Monograph Includes bibliographical references and index. Nota di bibliografia Nota di contenuto Graph Transformation Applications -- Combining Quality Assurance and Model Transformations in Business-Driven Development --Assuring Consistency of Business Process Models and Web Services Using Visual Contracts -- Transforming Scene Graphs Using Triple Graph Grammars – A Practice Report -- Using Graph Transformation to Support Collaborative Ontology Evolution -- Modelling of Longitudinal Information Systems with Graph Grammars -- Meta-modeling and Domain-Specific Language -- A Generic Layout Algorithm for Metamodel Based Editors -- Domain Specific Languages with Graphical and Textual Views -- Generating Domain-Specific Model Editors with

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Sommario/riassunto

This book constitutes the thoroughly refereed post-conference proceedings of the Third International Symposium on Applications of Graph Transformations, AGTIVE 2007, held in Kassel, Germany, in October 2007. The 30 revised full papers presented together with 2 invited papers were carefully selected from numerous submissions during two rounds of reviewing and improvement. The papers are organized in topical sections on graph transformation applications, meta-modeling and domain-specific language, new graph transformation approaches, program transformation applications, dynamic system modeling, model driven software development applications, queries, views, and model transformations, as well as new pattern matching and rewriting concepts. The volume moreover contains 4 papers resulting from the adjacent graph transformation tool contest and concludes with 9 papers summarizing the state of the art of today's available graph transformation environments.