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	Nota di contenuto	On the Usage of TGGs for Automated Model Transformation Testing -- A Search Based Test Data Generation Approach for Model Transformations -- Test Data Generation for Model Transformations Combining Partition and Constraint Analysis -- Testing MOF Script Transformations with Handy MOF -- Towards a Rational Taxonomy for Increasingly Symmetric Model Synchronization -- Correctness of Incremental Model Synchronization with Triple Graph Grammars -- Towards a Language for Graph-Based Model Transformation Design Patterns -- Synchronization of Models of Rich Languages with Triple Graph Grammars: An Experience Report -- Triple Graph Grammars in the Large for Translating Satellite Procedures -- Developing eMoflon with eMoflon -- ChainTracker, a Model-Transformation Trace Analysis

Tool for Code-Generation Environments -- Tracing Program Transformations with String Origins -- Transformation of UML and OCL Models into Filmstrip Models -- Reverse Engineering of Model Transformations for Reusability.

Sommario/riassunto	This book constitutes the refereed proceedings of the 7th International Conference on Model Transformation, ICMT 2014, held in York, UK, in July 2014. The 14 revised papers were carefully selected from 38 submissions. The papers have been organized in topical sections on model transformation testing, foundations of model synchronization, applications of model synchronization and tracing and reverse engineering of transformations.