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Nota di contenuto	How clean is your sandbox?: towards a unified theoretical framework for incremental bidirectional transformations / James F. Terwilliger, Anthony Cleve ; and Carlo A. Curino -- Using models of partial knowledge to test model transformations / Sagar Sen, Jean-Marie Mottu, Massimo Tisi ; and Jordi Cabot -- Specification-driven test generation for model transformations / Esther Guerra -- Typing model transformations using tracts / Antonio Vallecillo ; and Martin Gogolla -- Reusable and correct endogenous model transformations / Suzana Andova, Mark G. J. van den Brand ; and Luc Engelen -- Multifocal: a strategic bidirectional transformation language for XML schemas / Hugo Pacheco ; and Alcino Cunha -- Bidirectional transformation of

model-driven spreadsheets / Jacome Cunha, Joao P. Fernandes, Jorge Mendes, Hugo Pacheco ; and Joao Saraiva -- Domain-specific optimization in digital forensics / Jeroen van den Bos ; and Tijs van der Storm -- Empirical assessment of business model transformations based on model simulation / Maria Fernandez-Ropero, Ricardo Perez-Castillo, Barbara Weber ; and Mario Piattini -- Traceability visualization in model transformations with TraceVis / Marcel F. van Amstel, Mark G. J. van den Brand ; and Alexander Serebrenik
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Sommario/riassunto

This book constitutes the refereed proceedings of the 5th International Conference, ICMT 2012, held in Prague, Czech Republic, in May 2012, co-located with TOOLS 2012 Federated Conferences. The 18 full papers presented together with one invited paper were carefully revised and selected from numerous submissions. Topics addressed are such as testing, typing and verification; bidirectionality; applications and visualization; transformation languages, virtual machines; pattern matching; and transformations in modelling, reutilization.
