1.	Record Nr.	UNISA996465743903316
	Titolo	Relational and Algebraic Methods in Computer Science [[electronic resource]] : 13th International Conference, RAMiCS 2012, Cambridge, United Kingdom, September 17-21, 2012, Proceedings / / edited by Wolfram Kahl, Timothy G. Griffin
	Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2012
	ISBN	3-642-33314-1
	Edizione	[1st ed. 2012.]
	Descrizione fisica	1 online resource (XII, 361 p. 33 illus.)
	Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 7560
	Disciplina	004.01/51
	Soggetti	Machine theory
		Computer science—Mathematics
		Computer science
		Software engineering
		Artificial intelligence
		Discrete mathematics
		Formal Languages and Automata Theory
		Symbolic and Algebraic Manipulation
		Computer Science Logic and Foundations of Programming
		Software Engineering
		Artificial Intelligence
		Discrete Mathematics in Computer Science
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	International conference proceedings.
	Nota di bibliografia	Includes bibliographical references and author index.
	Nota di contenuto	Applications to Software Specification and Correctness -- Mechanised Resoning in Relational Algebras -- Algebraic Program DerivationTheoretical Foundations -- Incremental Pseudo Rectangular Organization of Information Relative -- Preference Relations -- Properties of Specialised Relations -- Author Index. .
	Sommario/riassunto	This book constitutes the thoroughly refereed post-conference proceedings of the 13th International Conference on Relational and Algebraic Methods in Computer Science, RAMiCS 13, held in

Cambridge, UK, in September 2012. The 23 revised full papers presented were carefully selected from 39 submissions in the general area of relational and algebraic methods in computer science, adding special focus on formal methods for software engineering, logics of programs and links with neighboring disciplines. The papers are structured in specific fields on applications to software specification and correctness, mechanized reasoning in relational algebras, algebraic program derivation, theoretical foundations, relations and algorithms, and properties of specialized relations.