1.	Record Nr.	UNISA996466265003316
	Titolo	Automated Reasoning and Mathematics [[electronic resource]] : Essays in Memory of William W. McCune / / edited by Maria Paola Bonacina, Mark E. Stickel
	Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2013
	ISBN	3-642-36675-9
	Edizione	[1st ed. 2013.]
	Descrizione fisica	1 online resource (XX, 259 p. 27 illus.)
	Collana	Lecture Notes in Artificial Intelligence ; ; 7788
	Classificazione	DAT 700f
		DAT 702f
		DAT 706f
		SS 4800
	Disciplina	006.3
	Soggetti	Artificial intelligence
		Mathematical logic
		Computer logic
		Computer science—Mathematics
		Artificial Intelligence
		Mathematical Logic and Formal Languages
		Logics and Meanings of Programs
		Math Applications in Computer Science
		Aufsatzsammlung
	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 index.
	Sommario/riassunto	This Festschrift volume is published in memory of William W. McCune who passed away in 2011. William W. McCune was an accomplished computer scientist all around but especially a fantastic system builder and software engineer. The volume includes 13 full papers, which are presenting research in all aspects of automated reasoning and its applications to mathematics. These papers have been thoroughly reviewed and selected out of 15 submissions received in response to the call for paper issued in September 2011. The topics covered are:

strategies, indexing, superposition-based theorem proving, model building, application of automated reasoning to mathematics, as well as to program verification, data mining, and computer formalized mathematics.