1.	Record Nr.	UNISA996465841803316
	Titolo	Infinity in Logic and Computation [[electronic resource]] : International Conference, ILC 2007, Cape Town, South Africa, November 3-5, 2007, Revised Selected Papers / / edited by Margaret Archibald, Vasco Brattka, Valentin F. Goranko, Benedikt Löwe
	Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2009
	ISBN	3-642-03092-0
	Edizione	[1st ed. 2009.]
	Descrizione fisica	1 online resource (XIII, 139 p.)
	Collana	Lecture Notes in Artificial Intelligence ; ; 5489
	Classificazione	004 DAT 500f SS 4800
	Disciplina	004n/a
	Soggetti	Artificial intelligence Computer programming Programming languages (Electronic computers) Computers Algorithms Mathematical logic Artificial Intelligence Programming Techniques Programming Languages, Compilers, Interpreters Theory of Computation Algorithm Analysis and Problem Complexity Mathematical Logic and Formal Languages Cape Town (2007) Kongress.
	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.
	Nota di contenuto	Nadia Busi (1968–2007) -- Symbolic Model Checking of Tense Logics on Rational Kripke Models -- Genetic Systems without Inhibition Rules -- Probabilistic Systems with LimSup and LimInf Objectives -- A Playful Glance at Hierarchical Questions for Two-Way Alternating Automata --

Towards Model-Checking Programs with Lists -- Representations of Numbers as :A Saddle Point Approach -- Sets of Infinite Words Recognized by Deterministic One-Turn Pushdown Automata -- Fine-Continuous Functions and Fractals Defined by Infinite Systems of Contractions -- Is P?=?PSPACE for Infinite Time Turing Machines?.

| Sommario/riassunto | Edited in collaboration with FoLLI, the Association of Logic, Language and Information, this volume constitutes a selection of papers presented at the International Conference on Infinity in Logic and Computation, ILC 2007, held in Cape Town, South Africa, in November 2007. The 7 revised papers presented together with 2 invited talks were carefully selected from 27 initial submissions during two rounds of reviewing and improvement. The papers address all aspects of infinity in automata theory, logic, computability and verification and focus on topics such as automata on infinite objects; combinatorics, cryptography and complexity; computability and complexity on the real numbers; infinite games and their connections to logic; logic, computability, and complexity in finitely presentable infinite structures; randomness and computability; transfinite computation; and verification of infinite state systems. |