1. Record Nr. UNISA996465309703316

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Titolo	Descriptive Set Theoretic Methods in Automata Theory [[electronic resource]] : Decidability and Topological Complexity / / by Micha Skrzypczak
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2016
ISBN	3-662-52947-5
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (XIII, 211 p. 18 illus.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 9802
Disciplina	511.322
Soggetti	Machine theory Computer science Algorithms Computer science—Mathematics Discrete mathematics Software engineering Formal Languages and Automata Theory Computer Science Logic and Foundations of Programming Theory of Computation Discrete Mathematics in Computer Science Software Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Subclasses of regular languages -- Thin algebras -- Extensions of regular languages.
Sommario/riassunto	The book is based on the PhD thesis “Descriptive Set Theoretic Methods in Automata Theory,” awarded the E.W. Beth Prize in 2015 for outstanding dissertations in the fields of logic, language, and information. The thesis reveals unexpected connections between advanced concepts in logic, descriptive set theory, topology, and automata theory and provides many deep insights into the interplay between these fields. It opens new perspectives on central problems in the theory of automata on infinite words and trees and offers very

impressive advances in this theory from the point of view of topology. "…the thesis of Micha Skrzypczak offers certainly what we expect from excellent mathematics: new unexpected connections between a priori distinct concepts, and proofs involving enlightening ideas.” Thomas Colcombet.