

1. Record Nr.	UNINA9910818806103321
Autore	Berman Joel <1943->
Titolo	Generative complexity in algebra // Joel Berman, Pawe M. Idziak
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , [2005] ©2005
ISBN	1-4704-0429-X
Descrizione fisica	1 online resource (176 p.)
Collana	Memoirs of the American Mathematical Society, , 0065-9266 ; ; number 828
Disciplina	510 s 511.3/3
Soggetti	Ordered algebraic structures Model theory Algebraic varieties - Classification theory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Volume 175, number 828 (end of volume)."
Nota di bibliografia	Includes bibliographical references (pages 157-159).
Nota di contenuto	""Contents""; ""Chapter 1. Introduction""; ""Chapter 2. Background Material""; ""Part 1. Introducing Generative Complexity""; ""Chapter 3. Definitions and Examples""; ""Chapter 4. Semilattices and Lattices""; ""Chapter 5. Varieties with a Large Number of Models""; ""Chapter 6. Upper Bounds""; ""Chapter 7. Categorical Invariants""; ""Part 2. Varieties with Few Models""; ""Chapter 8. Types 4 or 5 Need Not Apply""; ""Chapter 9. Semisimple May Apply""; ""Chapter 10. Permutable May also Apply""; ""Chapter 11. Forcing Modular Behavior""; ""Chapter 12. Restricting Solvable Behavior"" ""Chapter 13. Varieties with Very Few Models""""Chapter 14. Restricting Nilpotent Behavior""; ""14.1. Nilpotent Congruences in non Nilpotent Algebras""; ""14.2. Nilpotent Algebras""; ""Chapter 15. Decomposing Finite Algebras""; ""Chapter 16. Restricting Affine Behavior""; ""16.1. Expanded Modules""; ""16.2. Forcing Finite Representation Type""; ""Chapter 17. A Characterization Theorem""; ""17.1. Locally Finite Varieties with Few Models""; ""17.2. Finitely Generated Varieties with Few Models""; ""Part 3. Conclusions""; ""Chapter 18. Application to Groups and Rings"" ""Chapter 19. Open Problems""""Chapter 20. Tables""; ""Bibliography""

