

1. Record Nr.	UNINA9910788631703321
Titolo	Computational group theory and the theory of groups, II : Computational Group Theory and Cohomology, August 4-8, 2008, Harlaxton College, Grantham, United Kingdom : AMS Special Session, Computational Group Theory, October 17-19, 2008, Western Michigan University, Kalamazoo, MI / / Luise-Charlotte Kappe, Arturo Magidin, Robert Fitzgerald Morse, editors
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , [2010] ©2010
ISBN	0-8218-8190-6 0-8218-4805-4
Descrizione fisica	1 online resource (210 p.)
Collana	Contemporary mathematics, ; 511 , 0271-4132
Disciplina	512/.2
Soggetti	Group theory Computational complexity
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Contents -- Preface -- The probabilistic zeta function -- Periodicities for graphs of p-groups beyond coclass -- Computing covers of Lie algebras -- Enumerating subgroups of the symmetric group -- Weight five basic commutators as relators -- 1. Introduction -- 2. Preliminary results -- 3. Rank 3 -- 4. Rank 4 -- 5. Rank 5 and greater -- Appendix A. A list of critical commutators in rank 3 -- Appendix B. Some important weight six basic commutators -- Appendix C. Some important transformations of nonbasic commutators -- References -- Basic commutators as relations: A computational perspective -- Groups of minimal order which are not n-power closed -- On the covering number of small alternating groups -- Certain homological functors of 2-generator p-groups of class 2 -- Geometric algorithms for resolutions for Bieberbach groups -- Nonabelian tensor product of soluble minimax groups -- Finite groups have short rewriting systems.

