

1. Record Nr.	UNINA9910814061403321
Titolo	Topological and asymptotic aspects of group theory : AMS Special Session Probabilitistic and Asymptotic aspects of Group Theory, March 26-27, 2004, Athens, Ohio, AMS Special Session and Topological Aspects of Group Theory, October 16-17, 2004, Nashville, Tennessee / / Rostislav Grigorchuk [and three others], editors
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , [2006] ©2006
ISBN	0-8218-7984-7 0-8218-3756-7
Descrizione fisica	1 online resource (248 p.)
Collana	Contemporary mathematics, , 0271-4132 ; ; 394
Disciplina	512.2
Soggetti	Group theory Algebraic topology Topological manifolds
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""; ""A dichotomy for finitely generated subgroups of word hyperbolic groups""; ""Some solvable automaton groups""; ""Quotient tests and random walks in computational group theory""; ""1. Decision problems and quotient tests""; ""2. Quotient test for the identity problem: non-amenable quotient group""; ""3. Quotient test for the identity problem: amenable quotient groups""; ""4. The role of the mixing time""; ""5. Quotient tests for the word problem""; ""6. Quotient tests for the conjugacy problem""; ""References""; ""The homology of Richard Thompson's group F"" ""Groups with non-simply connected asymptotic cones""""Relative Dehn functions of amalgamated products and HNN-extensions""; ""Endomorphisms of the finitary group of isometries of the binary tree""