

1. Record Nr.	UNINA9910828539903321
Titolo	Computational and statistical group theory : AMS Special Session Geometric Group Theory, April 21-22, 2001, Las Vegas, Nevada, AMS Special Session Computational Group Theory, April 28-29, 2001, Hoboken, New Jersey // Robert Gilman, Vladimir Shpilrain, Alexei G. Myasnikov, editors
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , [2002] ©2002
ISBN	0-8218-7888-3 0-8218-3158-5
Descrizione fisica	1 online resource (138 p.)
Collana	Contemporary mathematics, , 0271-4132 ; ; 298
Disciplina	512/.2
Soggetti	Group theory - Data processing Finite groups - Data processing Combinatorial group theory - Data processing
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""; ""Uniform growth, actions on trees and GL_2 ""; ""Centralisers of involutions in black box groups""; ""Measuring sets in infinite groups""; ""1. Introduction""; ""2. Conditions on a measure""; ""3. Atomic probability measures""; ""4. Kolmogorov complexity functions""; ""5. Kolmogorov complexity functions on finitely generated groups""; ""6. Short elements bias and behaviour at infinity""; ""7. Degrees of polynomial growth ""on average""""; ""8. Measures generated by random walks""; ""9. Behaviour of the induced measures on finite factor groups"" ""10. The growth function and asymptotic density""""References""; ""Quantum one-way automata and finitely generated groups""; ""Spectral properties of a torsion-free weakly branch group defined by a three state automaton""; ""Malnormal subgroups of free groups""; ""Variants of product replacement""; ""Weakly amenable groups""; ""The Knuth-Bendix procedure for strings and large rewriting systems""

