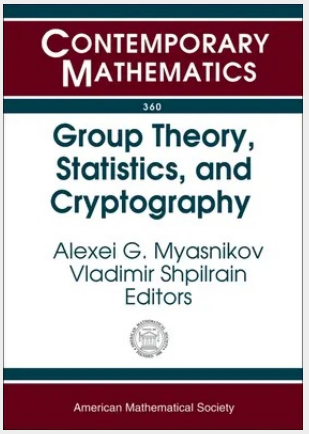
American Mathematical Society

Group Theory, Statistics, and Cryptography

This volume consists of contributions by speakers at the AMS Special Session on Combinatorial and Statistical Group Theory held at New York University. Readers will find a variety of contributions, including survey papers on applications of group theory in cryptography, research papers on various aspects of statistical group theory, and papers on more traditional combinatorial group theory. The book is suitable for graduate students and research mathematicians interested in group theory and its applications to cryptography. On power- and commutation transitive, power commutative, and restricted Gromov groups; Braid-based cryptography; Discriminating and squarelike groups I: Axiomatics; The density of small words in a free group is 0; Braid groups and Aut(F$ 2$) are not rigid; On varieties of groups in which all periodic groups are abelian; Subgroups of fully residually free groups: Algorithmic problems; Weak hyperbolicity and free constructions; Some properties of the conjugacy class growth function; Boundary test elements; Geodesics in the braid group on three strands; Remarks on the growth of inverse semigroups; Assessing security of some group based cryptosystems



93,00 €
86,92 € (zzgl. MwSt.)

Nicht mehr lieferbar

Artikelnummer: 9780821834442
Medium: Buch
ISBN: 978-0-8218-3444-2
Verlag: American Mathematical Society
Erscheinungstermin: 30.10.2004
Sprache(n): Englisch
Auflage: Erscheinungsjahr 2004
Serie: Contemporary Mathematics S.
Produktform: Kartoniert
Gewicht: 369 g

Kundenservice Verlag Dr. Otto Schmidt KG
Neumannstraße 10, 40235 Düsseldorf | kundenservice@otto-schmidt.de | 0221-93738-997 (Inland)