

1. Record Nr.	UNINA9910480012603321
Titolo	Computational and experimental group theory : AMS-ASL joint special session, interactions between logic, group theory, and computer science, January 15-16, 2003, Baltimore, Maryland / / Alexandre V. Borovik, Alexei G. Myasnikov, editors
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , [2004] ©2004
ISBN	0-8218-7939-1 0-8218-5684-7
Descrizione fisica	1 online resource (234 p.)
Collana	Contemporary mathematics, , 0271-4132 ; ; 349
Disciplina	512/.21
Soggetti	Permutation groups Non-Abelian groups Quantum theory - Mathematics Electronic books.
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""; ""Quantum algorithms in group theory""; ""1. Introduction""; ""2. The basics of quantum computing""; ""3. The Deutsch-Jozsa algorithm""; ""4. Shor's algorithm and factoring integers""; ""5. Grover's algorithm""; ""6. Watrous' algorithms for solvable groups""; ""References""; ""Genetic algorithms and equations in free groups and semigroups""; ""1. Introduction""; ""2. A genetic algorithm framework on the free group""; ""3. Choosing problems""; ""4. Traceback""; ""5. Coevolution""; ""6. The genus problem and equations in a free semigroup"" ""7. The algorithm for the genus problem""""8. Discussion""; ""9. One more case study: restricted conjugacy problem in free partially commutative groups""; ""References""; ""One variable equations in free groups via context free languages""; ""1. Introduction""; ""2. Results from Language Theory""; ""3. Proof of Theorem 1""; ""References""; ""Whitehead method and genetic algorithms""; ""1. Introduction""; ""2. Whitehead method""; ""3. Description of the genetic algorithm""; ""4.

Experiments and results""; ""5. Time complexity of GWA""; ""6. Mathematical problems arising from the experiments""
 ""References""""The structure of automorphic conjugacy in the free group of rank two""; ""1. The automorphism graph of F_2 ""; ""2. Combinatorial groundwork""; ""3. The structure within levels""; ""4. Algorithmic applications""; ""5. Computational tools""; ""6. Conclusions and future work""; ""References""; ""Pattern recognition approaches to solving combinatorial problems in free groups""; ""1. Introduction""; ""2. General remarks on pattern recognition tasks""; ""3. Feature vectors""; ""4. Pattern recognition tools and models""; ""5. Recognizing Whitehead minimal words in free groups""
 ""References""""Experimenting with primitive elements in F_2 ""

2. Record Nr.	UNISALENTO991003634319707536
Titolo	19 Erzähler der DDR / herausgegeben von Hans-Jürgen Schmitt
Pubbl/distr/stampa	Frankfurt am Main : Fischer, 1972
ISBN	3436014095
Descrizione fisica	255 p. ; 18 cm
Altri autori (Persone)	Schmitt, Hans-Jürgenauthor
Disciplina	833.91
Soggetti	Letteratura tedesca - Antologie
Lingua di pubblicazione	Tedesco
Formato	Materiale a stampa
Livello bibliografico	Monografia