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(Contemporary Mathematics)**

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### **Vladimir shpilrain - b cker - bokus bokhandel**

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### **Szk proofs for black-box group problems - springer**

In this paper we classify several algorithmic problems in group theory in the complexity classes PZK and SZK (problems with perfect/statistical zero-knowledge proofs)

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Mathematics for Applications Combinatorics Complexity Theory/Algorithms and and weaknesses of solutions to problems in applications of mathematics

### **Csc 85030 combinatorial group theory and**

CSC 85030 Combinatorial group theory and cryptography applications. Until recently, mathematics used in on algorithmic problems and their complexity

### **Computational complexity theory - wikipedia, the**

Since complexity theory is interested in classifying problems based on their In complexity theory, problems that lack Numerical algorithms; Symbolic mathematics;

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Conjugacy Systems Based on Nonabelian Factorization Problems and Their Applications Cryptography and Complexity of Group Contemporary Mathematics,

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Topics of Study. The problems on which we are focusing can be broadly classified in three areas: Probability Theory; Combinatorics and Graph Theory; Algorithms and

### **Complexity and cryptography: an introduction |**

Mathematics Magazine; The College Mathematics Journal; Loci/JOMA. Browse; Problems from Another Time; Conference Calendar; Guidelines for Convergence Authors; MAA

### **[1307.8216] classification of automorphic**

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THE CONJUGACY PROBLEM - THEORY AND APPLICATIONS interesting from a cryptography viewpoint. The braid group  $B_3$  is special in and Their Complexity Algorithm  $B_3$  B n

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10.1137/S0097539795293172 Quantum Algorithms for Continuous Problems and Their Applications. New public key cryptosystems from combinatorial group theory.

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it is the study of how to crack encryption algorithms or their have some application in cryptography or complexity of "hard" problems,

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This volume contains the proceedings of the AMS Special Session on Algorithmic Problems of Group Theory and Their Complexity, held January 9-10, 2013 in San Diego, CA

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