A Complete Bibliography of Publications in the journal *Groups Complexity Cryptology*

Nelson H. F. Beebe
University of Utah
Department of Mathematics, 110 LCB
155 S 1400 E RM 233
Salt Lake City, UT 84112-0090
USA

Tel: +1 801 581 5254
FAX: +1 801 581 4148

E-mail: `beebe@math.utah.edu`, `beebe@acm.org`, `beebe@computer.org` (Internet)
WWW URL: `http://www.math.utah.edu/~beebe/`

30 November 2019
Version 1.05

Title word cross-reference

References

Anshel:2016:CHF

[AAGG16] Iris Anshel, Derek Atkins, Dorian Goldfeld, and Paul E. Gunnells. A class of hash functions based on the algebraic eraser^{TM}. *Groups. Complexity. Cryptology*, 8(1):1–7, 2016. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Amir:2010:DRC

[AGG10] Gideon Amir and Ori Gurel-Gurevich. The diameter of a random Cayley graph of $\mathbf{Z}_q$. *Groups. Complexity. Cryptology*, 2(1):59–65, 2010. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Akchiche:2016:FMP

[AK16] Omar Akchiche and Omar Khadir. Factoring multi-power RSA moduli with primes sharing least or most significant bits. *Groups. Complexity. Cryptology*, 8(1):47–54, 2016. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Anokhin:2013:CPF

[Ano13] Mikhail Anokhin. Constructing a pseudo-free family of finite computational groups under the general integer factoring intractability assumption. *Groups. Complexity. Cryptology*, 5(1):53–74, 2013. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Anokhin:2017:PFF

[Ano17a] Mikhail Anokhin. Pseudo-free families of finite computational elementary abelian p-groups. *Groups. Complexity. Cryptology*, 9(1):1–??, May 2017. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic). URL `https://www.degruyter.com/view/j/gcc.2017.9.issue-1/gcc-2017-0001/gcc-2017-0001.xml`.

Anonymous:2017:FM

[Ano17b] Anonymous. Front matter. *Groups. Complexity. Cryptology*, 9(2):i, November 2017. ISSN 1867-1144 (print), 1869-6104 (electronic).

Anonymous:2017:F

[Ano17c] Anonymous. Frontmatter. *Groups. Complexity. Cryptology*, 9(1):i–??, May 2017. CODEN ???? ISSN 1867-

1144 (print), 1869-6104 (electronic). URL https://www.degruyter.com/view/j/gcc.2017.9.issue-1/gcc-2017-frontmatter1/gcc-2017-frontmatter1.xml.

Anokhin:2018:CFS

[Ano18a] Mikhail Anokhin. A certain family of subgroups of $\mathbf{Z}n\star$ is weakly pseudo-free under the general integer factoring intractability assumption. *Groups. Complexity. Cryptology*, 10(2):99–??, November 2018. ISSN 1867-1144 (print), 1869-6104 (electronic).

Anonymous:2018:FM

[Ano18b] Anonymous. Front matter. *Groups. Complexity. Cryptology*, 10(2):i–iv, November 2018. ISSN 1867-1144 (print), 1869-6104 (electronic).

Anonymous:2018:F

[Ano18c] Anonymous. Frontmatter. *Groups. Complexity. Cryptology*, 10(1):i–??, May 2018. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic). URL https://www.degruyter.com/view/j/gcc.2018.10.issue-1/gcc-2018-frontmatter1/gcc-2018-frontmatter1.xml.

Anokhin:2019:CPF

[Ano19a] Mikhail Anokhin. Constructing a pseudo-free family of finite computational groups under the general integer factoring intractability assumption. *Groups. Complexity. Cryptology*, 11(2):133–134, November 2019. ISSN 1867-1144 (print), 1869-6104 (electronic).

Anonymous:2019:Fa

[Ano19b] Anonymous. Frontmatter. *Groups. Complexity. Cryptology*, 11(1):i–??, May 2019. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic). URL https://www.degruyter.com/view/j/gcc.2019.11.issue-1/gcc-2019-frontmatter1/gcc-2019-frontmatter1.xml.

Anonymous:2019:Fb

[Ano19c] Anonymous. Frontmatter. *Groups. Complexity. Cryptology*, 11(2):i–iv, November 2019. ISSN 1867-1144 (print), 1869-6104 (electronic).

Anonymous:2019:Fc

[Ano19d] Anonymous. Frontmatter. *Groups. Complexity. Cryptology*, 11(2):i–iv, November 2019. ISSN 1867-1144 (print), 1869-6104 (electronic).

Antolin:2011:CGV

[Ant11] Yago Antolín. On Cayley graphs of virtually free groups. *Groups. Complexity. Cryptology*, 3(2):301–327, 2011. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Asboei:2018:RDP

[Asb18] Alireza Khalili Asboei. Recognition of 2-dimensional projective linear groups by the group order and the set of numbers of its elements of each order. *Groups. Complexity. Cryptology*, 10(2):111–??, November 2018. ISSN 1867-1144 (print), 1869-6104 (electronic).

Atchison:2015:SFG

[AT15] Benjamin Atchison and Edward C. Turner. Symmetries of finite graphs and homology. *Groups. Complexity. Cryptology*, 7(1):11–30, 2015. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Bacardit:2015:CAC

[Bac15] Lluís Bacardit. A combinatorial algorithm to compute presentations of mapping class groups of orientable surfaces with one boundary component. *Groups. Complexity. Cryptology*, 7(2): 95–115, 2015. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Babinkostova:2014:APG

[BBC+14] Liljana Babinkostova, Kevin W. Bombardier, Matthew C. Cole, Thomas A. Morrell, and Cory B. Scott. Algebraic properties of generalized Rijndael-like ciphers. *Groups. Complexity. Cryptology*, 6(1):37–54, 2014. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Baumslag:2010:CRP

[BBFT10] Gilbert Baumslag, Yegor Bryukhov, Benjamin Fine, and Douglas Troeger. Challenge response password security using combinatorial group theory. *Groups. Complexity. Cryptology*, 2(1): 67–81, 2010. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Bacardit:2009:ABG

[BD09] Lluís Bacardit and Warren Dicks. Actions of the braid group, and new algebraic proofs of results of Dehornoy and Larue. *Groups. Complexity. Cryptology*, 1(1):77–129, 2009. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Bacardit:2011:ZMM

[BD11] Lluís Bacardit and Warren Dicks. The Zieschang–McCool method for generating algebraic mapping-class groups. *Groups. Complexity. Cryptology*, 3(2): 187–220, 2011. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Bonanome:2011:QAF

[BM11] Marianna Bonanome and Stephen Majewicz. Quantum algorithms for fixed points and invariant subgroups. *Groups. Complexity. Cryptology*, 3(2):329–348, 2011. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Begelfor:2015:NAA

[BMV15] Evgeni Begelfor, Stephen D. Miller, and Ramarathnam Venkatesan. Non-abelian analogs of lattice rounding. *Groups. Complexity. Cryptology*, 7(2):117–133, 2015. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Blaney:2016:PSR

[BN16] Kenneth R. Blaney and Andrey Nikolaev. A PTIME solution to the restricted conjugacy problem in generalized Heisenberg groups. *Groups. Complexity. Cryptology*, 8(1):69–74, 2016. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Bremner:2011:HCW

[Bre11] Murray R. Bremner. How to compute the Wedderburn decomposition of a finite-dimensional associative algebra. *Groups. Complexity. Cryptology*, 3(1):47–66, 2011. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Brough:2014:GPC

[Bro14] Tara Brough. Groups with poly-context-free word problem. *Groups. Complexity. Cryptology*, 6(1):9–29, 2014. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Button:2017:FCG

[But17] Jack O. Button. Free by cyclic groups and linear groups with restricted unipotent elements. *Groups. Complexity. Cryptology*, 9(2):137–??, November 2017. ISSN 1867-1144 (print), 1869-6104 (electronic).

Carbone:2011:TLS

[CCR11] Lisa Carbone, Leigh Cobbs, and Gabriel Rosenberg. Tree lattice subgroups. *Groups. Complexity. Cryptology*, 3(1):1–23, 2011. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Carstensen:2010:ADG

[CFR10] Celine Carstensen, Benjamin Fine, and Gerhard Rosenberger. On asymptotic densities and generic properties in finitely generated groups. *Groups. Complexity. Cryptology*, 2(2): 113–121, 2010. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Chiodo:2014:TFP

[Chi14] Maurice Chiodo. On torsion in finitely presented groups. *Groups. Complexity. Cryptology*, 6(1):1–8, 2014. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Chouraqui:2009:RSE

[Cho09] Fabienne Chouraqui. Rewriting systems and embedding of monoids in groups. *Groups. Complexity. Cryptology*, 1(1): 131–140, 2009. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Craven:2012:EAS

[CJ12] Matthew J. Craven and Henri C. Jimbo. Evolutionary algorithm solution of the multiple conjugacy search problem in groups, and its applications to cryptography. *Groups. Complexity. Cryptology*, 4(1):135–165, 2012. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Connor:2013:NAF

[CL13] Thomas Connor and Dimitri Leemans. A new algorithm to find apartments in coset geometries. *Groups. Complexity. Cryptology*, 5(1):75–89, 2013. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Clement:2009:TFA

[Cle09] Anthony E. Clement. Torsion-free abelian factor groups of the Baumslag–Solitar groups and subgroups of the additive group of the rational numbers. *Groups. Complexity. Cryptology*, 1(2):165–168, 2009. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Chauvet:2015:KAU

[CM15] Jean-Marie Chauvet and Eric Mahé. Key agreement under tropical parallels. *Groups. Complexity. Cryptology*, 7(2): 195–198, 2015. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Chauvet:2017:CTH

[CM17] Jean-Marie Chauvet and Eric Mahé. Cryptography from the tropical Hessian pencil. *Groups. Complexity. Cryptology*, 9(1): 19–??, May 2017. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic). URL https://www.degruyter.com/view/j/gcc.2017.9.issue-1/gcc-2017-0002/gcc-2017-0002.xml.

Conder:2010:UHG

[Con10] Marston Conder. An update on Hurwitz groups. *Groups. Complexity. Cryptology*, 2(1):35–49, 2010. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Craven:2016:PEA

[CR16] Matthew J. Craven and Daniel Robertz. A parallel evolutionary approach to solving systems of equations in polycyclic groups. *Groups. Complexity. Cryptology*, 8(2):109–125, November 2016. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Chum:2010:LSS

[CZ10] Chi Sing Chum and Xiaowen Zhang. The latin squares and the secret sharing schemes. *Groups. Complexity. Cryptology*, 2(2):175–202, 2010. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Das:2015:KEF

[Das15] Manik Lal Das. Key-escrow free multi-signature scheme using bilinear pairings. *Groups. Complexity. Cryptology*, 7(1):47–57, 2015. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Diekert:2012:CRC

[DDM12] Volker Diekert, Andrew Duncan, and Alexei G. Myasnikov. Cyclic rewriting and conjugacy problems. *Groups. Complexity.*

Cryptology, 4(2):321–355, 2012. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Distler:2015:GES

[DE15] Andreas Distler and Bettina Eick. Group extensions with special properties. *Groups. Complexity. Cryptology*, 7(1): 1–10, 2015. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Dean:2009:MPF

[Dea09] Margaret H. Dean. Metabelian product of a free nilpotent group with a free abelian group. *Groups. Complexity. Cryptology*, 1(2):169–180, 2009. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Duquesne:2016:MSC

[DG16] Sylvain Duquesne and Loubna Ghammam. Memory-saving computation of the pairing final exponentiation on BN curves. *Groups. Complexity. Cryptology*, 8(1):75–90, 2016. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Eick:2017:IPT

[EE17] Bettina Eick and Ann-Kristin Engel. The isomorphism problem for torsion free nilpotent groups of Hirsch length at most 5. *Groups. Complexity. Cryptology*, 9(1):55–??, May 2017. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic). URL `https://www.degruyter.com/view/j/gcc.2017.9.issue-1/gcc-2017-0004/gcc-2017-0004.xml`.

Eftekhari:2012:DHK

[Eft12] Mohammad Eftekhari. A Diffie–Hellman key exchange protocol using matrices over noncommutative rings. *Groups. Complexity. Cryptology*, 4(1):167–176, 2012. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Eick:2016:AGF

[Eic16] Bettina Eick. The automorphism group of a finitely generated virtually abelian group. *Groups. Complexity. Cryptology*, 8(1):35–45, 2016. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Elder:2010:SGP

[ER10] Murray Elder and Andrew Rechnitzer. Some geodesic problems in groups. *Groups. Complexity. Cryptology*, 2(2): 223–229, 2010. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Elder:2012:CTG

[ERW12] Murray Elder, Andrew Rechnitzer, and Thomas Wong. On the cogrowth of Thompson's group F. *Groups. Complexity. Cryptology*, 4(2):301–320, 2012. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Elder:2016:TGC

[ET16] Murray Elder and Jennifer Taback. Thompson's group F

is 1-counter graph automatic. *Groups. Complexity. Cryptology*, 8(1):21–33, 2016. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Fouotsa:2016:FAP

[FC16] Emmanuel Fouotsa and Abdoul Aziz Ciss. Faster Ate pairing computation on Selmer's model of elliptic curves. *Groups. Complexity. Cryptology*, 8(1): 55–67, 2016. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Falconer:2011:GRE

[FFK11] Kenneth J. Falconer, Benjamin Fine, and Delaram Kahrobaei. Growth rate of an endomorphism of a group. *Groups. Complexity. Cryptology*, 3(2): 285–300, 2011. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Fine:2014:RSA

[FGRS14] Benjamin Fine, Anthony Gaglione, Gerhard Rosenberger, and Dennis Spellman. Reflections on some aspects of infinite groups. *Groups. Complexity. Cryptology*, 6(2):81–91, 2014. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Fine:2018:OGE

[FGRS18] Benjamin Fine, Anthony Gaglione, Gerhard Rosenberger, and Dennis Spellman. Orderable groups, elementary theory, and the Kaplansky conjecture. *Groups. Complexity. Cryptology*, 10(1): 43–??, May 2018. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic). URL `https://www.degruyter.com/view/j/gcc.2018.10.issue-1/gcc-2018-0005/gcc-2018-0005.xml`.

Fine:2009:GSG

[FMR09] Benjamin Fine, Alexei Myasnikov, and Gerhard Rosenberger. Generic subgroups of group amalgams. *Groups. Complexity. Cryptology*, 1(1):51–61, 2009. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Fine:2013:SSS

[FMR13] Benjamin Fine, Anja I. S. Moldenhauer, and Gerhard Rosenberger. A secret sharing scheme based on the closest vector theorem and a modification to a private key cryptosystem. *Groups. Complexity. Cryptology*, 5(2): 223–238, 2013. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Fine:2011:NFR

[FR11] Benjamin Fine and Gerhard Rosenberger. A note on faithful representations of limit groups. *Groups. Complexity. Cryptology*, 3(2):349–355, 2011. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Fine:2013:FRL

[FR13] Benjamin Fine and Gerhard Rosenberger. Faithful representations of limit groups II.

Groups. Complexity. Cryptology, 5(1):91–96, 2013. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Friedl:2017:EPG

[Fri17] Stefan Friedl. An elementary proof of the group law for elliptic curves. *Groups. Complexity. Cryptology*, 9(2):117–??, November 2017. ISSN 1867-1144 (print), 1869-6104 (electronic).

Grigorchuk:2019:KAB

[GG19] Rostislav Grigorchuk and Dima Grigoriev. Key agreement based on automaton groups. *Groups. Complexity. Cryptology*, 11(2): 77–81, November 2019. ISSN 1867-1144 (print), 1869-6104 (electronic).

Grigoriev:2009:CPK

[GHP09] Dima Grigoriev, Edward A. Hirsch, and Konstantin Pervyshev. A complete public-key cryptosystem. *Groups. Complexity. Cryptology*, 1(1):1–12, 2009. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Gilman:2014:GSC

[Gil14] Robert H. Gilman. Generalized small cancellation presentations for automatic groups. *Groups. Complexity. Cryptology*, 6(2): 93–101, 2014. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Gryak:2016:SPG

[GK16] Jonathan Gryak and Delaram Kahrobaei. The status of polycyclic group-based cryptography: a survey and open problems. *Groups. Complexity. Cryptology*, 8(2):171–186, November 2016. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Gilman:2018:GWW

[GKS18a] Robert H. Gilman, Robert P. Kropholler, and Saul Schleimer. Groups whose word problems are not semilinear. *Groups. Complexity. Cryptology*, 10(2): 53–??, November 2018. ISSN 1867-1144 (print), 1869-6104 (electronic).

Gribov:2018:PPK

[GKS18b] Alexey Gribov, Delaram Kahrobaei, and Vladimir Shpilrain. Practical private-key fully homomorphic encryption in rings. *Groups. Complexity. Cryptology*, 10(1):17–??, May 2018. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic). URL `https://www.degruyter.com/view/j/gcc.2018.10.issue-1/gcc-2018-0006/gcc-2018-0006.xml`.

Gaglione:2009:ALF

[GLS09] Anthony M. Gaglione, Seymour Lipschutz, and Dennis Spellman. Almost locally free groups and a theorem of Magnus: some questions. *Groups. Complexity. Cryptology*, 1(2):181–198, 2009.

CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Gaglione:2015:AER

[GLS15] Anthony M. Gaglione, Seymour Lipschutz, and Dennis Spellman. An application of elementary real analysis to a metabelian group admitting integral polynomial exponents. *Groups. Complexity. Cryptology*, 7(1):59–68, 2015. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Ghaffari:2018:MSV

[GM18] Mohammad Hossein Ghaffari and Zohreh Mostaghim. More secure version of a Cayley hash function. *Groups. Complexity. Cryptology*, 10(1):29–??, May 2018. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic). URL `https://www.degruyter.com/view/j/gcc.2018.10.issue-1/gcc-2018-0002/gcc-2018-0002.xml`.

Garreta:2017:RNG

[GMO17] Albert Garreta, Alexei Miasnikov, and Denis Ovchinnikov. Random nilpotent groups, polycyclic presentations, and Diophantine problems. *Groups. Complexity. Cryptology*, 9(2):99–??, November 2017. ISSN 1867-1144 (print), 1869-6104 (electronic).

Gilman:2011:REF

[GMR11] Robert H. Gilman, Alexei Myasnikov, and Vitaliĭ Roman'kov. Random equations in free groups. *Groups. Complexity. Cryptology*, 3(2):257–284, 2011. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Grigoriev:2012:CHI

[GN12] Dima Grigoriev and Sergey Nikolenko. Continuous hard-to-invert functions and biometric authentication. *Groups. Complexity. Cryptology*, 4(1):19–32, 2012. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

grosseRebel:2009:TAT

[gRHR09] Volkmar große Rebel, Miriam Hahn, and Gerhard Rosenberger. The Tits alternative for Tsaranov's generalized tetrahedron groups. *Groups. Complexity. Cryptology*, 1(2):207–216, 2009. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Grigoriev:2009:AMC

[GS09] Dima Grigoriev and Vladimir Shpilrain. Authentication from matrix conjugation. *Groups. Complexity. Cryptology*, 1(2):199–205, 2009. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Grigoriev:2012:NLA

[GS12] Dima Grigoriev and Vladimir Shpilrain. No-leak authentication by the Sherlock Holmes method. *Groups. Complexity. Cryptology*, 4(1):177–189, 2012.

CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Grigoriev:2013:SOW

[GS13] Dima Grigoriev and Vladimir Shpilrain. Secrecy without one-way functions. *Groups. Complexity. Cryptology*, 5(1):31–52, 2013. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Hart:2015:FSA

[HHMHM15] Sarah Hart, Ivo Hedtke, Matthias Müller-Hannemann, and Sandeep Murthy. A fast search algorithm for $\langle m, m, m\rangle$ triple product property triples and an application for 5×5 matrix multiplication. *Groups. Complexity. Cryptology*, 7(1):31–46, 2015. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Habeeb:2013:DMR

[HK13] Maggie Habeeb and Delaram Kahrobaei. On the dimension of matrix representations of finitely generated torsion free nilpotent groups. *Groups. Complexity. Cryptology*, 5(2):193–209, 2013. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Hedtke:2012:STA

[HM12] Ivo Hedtke and Sandeep Murthy. Search and test algorithms for triple product property triples. *Groups. Complexity. Cryptology*, 4(1):111–133, 2012. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Ho:2018:WPZ

[Ho18] Meng-Che Ho. The word problem of z n is a multiple context-free language. *Groups. Complexity. Cryptology*, 10(1):9–??, May 2018. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic). URL `https://www.degruyter.com/view/j/gcc.2018.10.issue-1/gcc-2018-0003/gcc-2018-0003.xml`.

Holt:2013:SAG

[HR13] Derek F. Holt and Sarah Rees. Shortlex automaticity and geodesic regularity in Artin groups. *Groups. Complexity. Cryptology*, 5(1):1–23, 2013. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Ibrahim:2012:CMC

[Ibr12] Fedaa Ibrahim. Cylinders, multi-cylinders and the induced action of $\mathrm{Aut}(F_n)$. *Groups. Complexity. Cryptology*, 4(2):357–375, 2012. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Ito:2010:FTT

[Ito10] Tetsuya Ito. On finite Thurston-type orderings of braid groups. *Groups. Complexity. Cryptology*, 2(2):123–155, 2010. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Ivachev:2015:TDM

[Iva15] Artyom S. Ivachev. On transitive differentiable modulo p^n

functions. *Groups. Complexity. Cryptology*, 7(2):183–190, 2015. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Jovanovic:2010:AAU

[JK10] Philipp Jovanovic and Martin Kreuzer. Algebraic attacks using SAT-solvers. *Groups. Complexity. Cryptology*, 2(2): 247–259, 2010. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Kahrobaei:2009:DSN

[KA09] Delaram Kahrobaei and Michael Anshel. Decision and search in non-abelian Cramer–Shoup public key cryptosystem. *Groups. Complexity. Cryptology*, 1(2): 217–225, 2009. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Kassabov:2010:PMR

[Kas10] Martin Kassabov. Presentations of matrix rings. *Groups. Complexity. Cryptology*, 2(1):51–57, 2010. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Kahrobaei:2012:NCD

[KK12] Delaram Kahrobaei and Charalambos Koupparis. Non-commutative digital signatures. *Groups. Complexity. Cryptology*, 4(2):377–384, 2012. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Kahrobaei:2013:PKE

[KKS13] Delaram Kahrobaei, Charalambos Koupparis, and Vladimir Shpilrain. Public key exchange using matrices over group rings. *Groups. Complexity. Cryptology*, 5(1):97–115, 2013. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Kalka:2009:NSC

[KLT09] Arkadius Kalka, Eran Liberman, and Mina Teicher. A note on the shifted conjugacy problem in braid groups. *Groups. Complexity. Cryptology*, 1(2): 227–230, 2009. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Kalka:2010:SCP

[KLT10] Arkadius Kalka, Eran Liberman, and Mina Teicher. Subgroup conjugacy problem for Garside subgroups of Garside groups. *Groups. Complexity. Cryptology*, 2(2):157–174, 2010. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Koblitz:2013:ALN

[KM13] Neal Koblitz and Alfred Menezes. Another look at non-uniformity. *Groups. Complexity. Cryptology*, 5(2):117–139, 2013. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Kahrobaei:2019:SAA

[KMK19] Delaram Kahrobaei and Keivan Mallahi-Karai. Some applications of arithmetic groups in cryptography. *Groups. Complexity. Cryptology*, 11(1): 25–??, May 2019. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic). URL https://www.degruyter.com/view/j/gcc.2019.11.issue-1/gcc-2019-2002/gcc-2019-2002.xml.

Kharlampovich:2014:IWU

[KMS14] Olga Kharlampovich, Alexei Myasnikov, and Denis Serbin. Infinite words and universal free actions. *Groups. Complexity. Cryptology*, 6(1):55–69, 2014. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Kharlampovich:2019:ECC

[KMT19] Olga Kharlampovich, Alexei Myasnikov, and Alexander Taam. Effective construction of covers of canonical Hom-diagrams for equations over torsion-free hyperbolic groups. *Groups. Complexity. Cryptology*, 11(2):83–101, November 2019. ISSN 1867-1144 (print), 1869-6104 (electronic).

Kaluba:2018:CNE

[KN18] Marek Kaluba and Piotr W. Nowak. Certifying numerical estimates of spectral gaps. *Groups. Complexity. Cryptology*, 10(1):33–??, May 2018. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic). URL https://www.degruyter.com/view/j/gcc.2018.10.issue-1/gcc-2018-0004/gcc-2018-0004.xml.

Kappe:2016:CNS

[KNPS16] Luise-Charlotte Kappe, Daniela Nikolova-Popova, and Eric Swartz. On the covering number of small symmetric groups and some sporadic simple groups. *Groups. Complexity. Cryptology*, 8(2):135–154, November 2016. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Kotov:2018:ASS

[KPU18] Matvei Kotov, Dmitry Panteleev, and Alexander Ushakov. Analysis of secret sharing schemes based on Nielsen transformations. *Groups. Complexity. Cryptology*, 10(1):1–??, May 2018. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic). URL https://www.degruyter.com/view/j/gcc.2018.10.issue-1/gcc-2018-0001/gcc-2018-0001.xml.

Krammer:2013:AGA

[Kra13] Daan Krammer. An asymmetric generalisation of Artin monoids. *Groups. Complexity. Cryptology*, 5(2):141–167, 2013. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Kreuzer:2009:AAG

[Kre09] Martin Kreuzer. Algebraic attacks galore! *Groups. Complexity. Cryptology*, 1(2):231–259, 2009. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Kron:2010:CGR

[Krö10] Bernhard Krön. Cutting up graphs revisited — a short proof of Stallings' structure theorem. *Groups. Complexity. Cryptology*, 2(2):213–221, 2010. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Kropholler:2019:CPC

[KS19] Robert P. Kropholler and Davide Spriano. Closure properties in the class of multiple context-free groups. *Groups. Complexity. Cryptology*, 11(1):1–??, May 2019. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic). URL `https://www.degruyter.com/view/j/gcc.2019.11.issue-1/gcc-2019-2004/gcc-2019-2004.xml`.

Kalka:2013:NAK

[KT13] Arkadius Kalka and Mina Teicher. Non-associative key establishment for left distributive systems. *Groups. Complexity. Cryptology*, 5(2):169–191, 2013. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Lohrey:2012:ASC

[Loh12] Markus Lohrey. Algorithms on SLP-compressed strings: a survey. *Groups. Complexity. Cryptology*, 4(2):241–299, 2012. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Lakin:2009:SCW

[LT09] Stephen R. Lakin and Richard M. Thomas. Space complexity and word problems of groups. *Groups. Complexity. Cryptology*, 1(2):261–273, 2009. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Longrigg:2009:PAC

[LU09] Jonathan Longrigg and Alexander Ushakov. A practical attack on a certain braid group based shifted conjugacy authentication protocol. *Groups. Complexity. Cryptology*, 1(2):275–286, 2009. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Lewis:2012:IEF

[LW12] Mark L. Lewis and James B. Wilson. Isomorphism in expanding families of indistinguishable groups. *Groups. Complexity. Cryptology*, 4(1):73–110, 2012. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Maclachlan:2009:ENE

[Mac09] C. Maclachlan. Existence and non-existence of torsion in maximal arithmetic Fuchsian groups. *Groups. Complexity. Cryptology*, 1(2):287–295, 2009. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Mahalanobis:2010:DLP

[Mah10] Ayan Mahalanobis. The discrete logarithm problem in the group of non-singular circulant matrices. *Groups. Complexity. Cryptology*, 2(1):83–89, 2010.

CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Miller:2011:ICM

[Mil11] Russell Miller. An introduction to computable model theory on groups and fields. *Groups. Complexity. Cryptology*, 3(1):25–45, 2011. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Miller:2014:FR

[Mil14] Charles F. Miller, III. Friends and relatives of $BS(1, 2)$. *Groups. Complexity. Cryptology*, 6(2):73–80, 2014. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Monico:2015:CSU

[MN15] Chris Monico and Mara D. Neusel. Cryptanalysis of a system using matrices over group rings. *Groups. Complexity. Cryptology*, 7(2):175–182, 2015. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Monico:2019:CHF

[Mon19] Chris Monico. Cryptanalysis of a hash function, and the modular subset sum problem. *Groups. Complexity. Cryptology*, 11(1):17–??, May 2019. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic). URL `https://www.degruyter.com/view/j/gcc.2019.11.issue-1/gcc-2019-2001/gcc-2019-2001.xml`.

Myasnikov:2014:DCF

[MR14] Alexei Myasnikov and Vitalii Roman'kov. Diophantine cryptography in free metabelian groups: theoretical base. *Groups. Complexity. Cryptology*, 6(2):103–120, 2014. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Myasnikov:2015:LDA

[MR15] Alexei Myasnikov and Vitaliĭ Roman'kov. A linear decomposition attack. *Groups. Complexity. Cryptology*, 7(1):81–94, 2015. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Mishchenko:2017:KPN

[MT17] Alexei Mishchenko and Alexander Treier. Knapsack problem for nilpotent groups. *Groups. Complexity. Cryptology*, 9(1):87–??, May 2017. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic). URL `https://www.degruyter.com/view/j/gcc.2017.9.issue-1/gcc-2017-0006/gcc-2017-0006.xml`.

Myasnikov:2009:CAA

[MU09] Alex D. Myasnikov and Alexander Ushakov. Cryptanalysis of the Anshel–Anshel–Goldfeld–Lemieux key agreement protocol. *Groups. Complexity. Cryptology*, 1(1):63–75, 2009. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Mosina:2011:SLL

[MU11a] Natalia Mosina and Alexander Ushakov. Strong law of large numbers on graphs and groups. *Groups. Complexity. Cryptology*, 3(1):67–103, 2011. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Myasnikov:2011:RVK

[MU11b] Alexei Myasnikov and Alexander Ushakov. Random van Kampen diagrams and algorithmic problems in groups. *Groups. Complexity. Cryptology*, 3(1):121–185, 2011. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Myasnikov:2014:QAD

[MU14] Alexey D. Myasnikov and Alexander Ushakov. Quantum algorithm for discrete logarithm problem for matrices over finite group rings. *Groups. Complexity. Cryptology*, 6(1):31–36, 2014. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Miasnikov:2017:LSC

[MV17] Alexei Miasnikov and Svetla Vassileva. Log-space conjugacy problem in the Grigorchuk group. *Groups. Complexity. Cryptology*, 9(1):77–??, May 2017. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic). URL `https://www.degruyter.com/view/j/gcc.2017.9.issue-1/gcc-2017-0005/gcc-2017-0005.xml`.

Myasnikov:2009:GCC

[Mya09] Alex D. Myasnikov. Generic case complexity and one-way functions. *Groups. Complexity. Cryptology*, 1(1):13–31, 2009. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Majewicz:2009:PCN

[MZ09] Stephen Majewicz and Marcos Zyman. Power-commutative nilpotent R-powered groups. *Groups. Complexity. Cryptology*, 1(2):297–309, 2009. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Marko:2017:PKC

[MZJ17] František Marko, Alexandr N. Zubkov, and Martin Juráš. Public-key cryptosystem based on invariants of diagonalizable groups. *Groups. Complexity. Cryptology*, 9(1):31–??, May 2017. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic). URL `https://www.degruyter.com/view/j/gcc.2017.9.issue-1/gcc-2017-0003/gcc-2017-0003.xml`.

Neumann-Brosig:2010:NHH

[NBR10] Matthias Neumann-Brosig and Gerhard Rosenberger. A note on the homology of hyperbolic groups. *Groups. Complexity. Cryptology*, 2(2):203–212, 2010. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Neupane:2012:TPK

[Neu12] Kashi Neupane. Two-party key establishment: from passive to active security without introducing new assumptions. *Groups. Complexity. Cryptology*, 4(1):1–17, 2012. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Noskov:2016:GCC

[NR16] Gennady A. Noskov and Alexander N. Rybalov. Generic case complexity of the graph isomorphism problem. *Groups. Complexity. Cryptology*, 8(1):9–20, 2016. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Orevkov:2015:ARQ

[Ore15] Stepan Yu. Orevkov. Algorithmic recognition of quasipositive 4-braids of algebraic length three. *Groups. Complexity. Cryptology*, 7(2):157–173, 2015. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Osin:2009:UTT

[Osi09] D. Osin. On the universal theory of torsion and lacunary hyperbolic groups. *Groups. Complexity. Cryptology*, 1(2): 311–319, 2009. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Pramanik:2019:RSS

[PA19] Jyotirmoy Pramanik and Avishek Adhikari. Ramp secret sharing with cheater identification in presence of rushing cheaters. *Groups. Complexity. Cryptology*, 11(2):103–113, November 2019. ISSN 1867-1144 (print), 1869-6104 (electronic).

Panteleev:2019:CSP

[PU19] Dmitry Panteleev and Alexander Ushakov. Conjugacy search problem and the Andrews–Curtis conjecture. *Groups. Complexity. Cryptology*, 11(1): 43–??, May 2019. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic). URL `https://www.degruyter.com/view/j/gcc.2019.11.issue-1/gcc-2019-2005/gcc-2019-2005.xml`.

Pueschel:2016:HGD

[Pue16] Kristen Pueschel. Hydra group doubles are not residually finite. *Groups. Complexity. Cryptology*, 8(2):163–170, November 2016. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Romankov:2012:EG

[Rom12] Vitaliĭ Roman'kov. Equations over groups. *Groups. Complexity. Cryptology*, 4(2):191–239, 2012. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Romankov:2015:NPP

[Rom15] Vitalii A. Roman'kov. New probabilistic public-key encryption based on the RSA cryptosystem. *Groups. Complexity. Cryptology*, 7(2):153–156, 2015. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Romankov:2016:NDA

[Rom16] Vitaliĭ Roman'kov. A nonlinear decomposition attack. *Groups. Complexity. Cryptology*, 8(2): 197–207, November 2016. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Romankov:2017:CCP

[Rom17] Vitaliĭ Roman'kov. Cryptanalysis of a combinatorial public key cryptosystem. *Groups. Complexity. Cryptology*, 9(2):125–??, November 2017. ISSN 1867-1144 (print), 1869-6104 (electronic).

Romankov:2018:TGS

[Rom18] Vitaly Roman'kov. Two general schemes of algebraic cryptography. *Groups. Complexity. Cryptology*, 10(2):83–??, November 2018. ISSN 1867-1144 (print), 1869-6104 (electronic).

Romanakov:2019:IVA

[Rom19] Vitaliĭ Roman'kov. An improved version of the AAG cryptographic protocol. *Groups. Complexity. Cryptology*, 11(1): 35–??, May 2019. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic). URL `https://www.degruyter.com/view/j/gcc.2019.11.issue-1/gcc-2019-2003/gcc-2019-2003.xml`.

Rosenberger:2009:SBB

[Ros09] Gerhard Rosenberger. A short biography of Ben Fine. *Groups. Complexity. Cryptology*, 1(2): 141–142, 2009. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Rosenmann:2013:ISF

[Ros13] Amnon Rosenmann. On the intersection of subgroups in free groups: echelon subgroups are inert. *Groups. Complexity. Cryptology*, 5(2):211–221, 2013. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Riley:2014:PWW

[RS14] Tim R. Riley and Andrew W. Sale. Palindromic width of wreath products, metabelian groups, and max-n solvable groups. *Groups. Complexity. Cryptology*, 6(2):121–132, 2014. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Rybalov:2013:GCD

[Ryb13] Alexander Rybalov. Generic complexity of the Diophantine problem. *Groups. Complexity. Cryptology*, 5(1):25–30, 2013. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Rybalov:2015:GCS

[Ryb15] Alexander Rybalov. On the generic complexity of the searching graph isomorphism problem. *Groups. Complexity. Cryptology*, 7(2):191–193, 2015. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Rybalov:2017:GHB

[Ryb17] Alexander Rybalov. Generic hardness of the Boolean satisfiability problem. *Groups. Complexity. Cryptology*, 9(2):151–??, November 2017. ISSN 1867-1144 (print), 1869-6104 (electronic).

Sahattchieve:2015:CHQ

[Sah15] Jordan Sahattchieve. On convex hulls and the quasiconvex subgroups of $F_m \times \mathbf{Z}^n$. *Groups. Complexity. Cryptology*, 7(1):69–80, 2015. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Schridde:2016:CDL

[Sch16] Christian Schridde. Computing discrete logarithms using $\mathcal{O}((\log q)^2)$ operations from $\{+, -, \times, \div, \&\}$. *Groups. Complexity. Cryptology*, 8(2):91–107, November 2016. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Shamsabad:2019:RNS

[SDR19] Mohammad Reza Mirzaee Shamsabad, Seyed Mojtaba Dehnavi, and Akbar Mahmoodi Rishakani. Randomized nonlinear software-oriented MDS diffusion layers. *Groups. Complexity. Cryptology*, 11(2):123–131, November 2019. ISSN 1867-1144 (print), 1869-6104 (electronic).

Shevlyakov:2010:AGN

[She10] A. Shevlyakov. Algebraic geometry over natural numbers. The classification of coordinate monoids. *Groups. Complexity. Cryptology*, 2(1):91–111, 2010. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Shevlyakov:2016:IAS

[She16] Artem N. Shevlyakov. On irreducible algebraic sets over linearly ordered semilattices. *Groups. Complexity. Cryptology*, 8(2):187–195, November 2016. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Shevlyakov:2019:GAU

[She19] Artem N. Shevlyakov. On group automorphisms in universal algebraic geometry. *Groups. Complexity. Cryptology*, 11(2):115–121, November 2019. ISSN 1867-1144 (print), 1869-6104 (electronic).

Shnaps:2009:WCP

[Shn09] Daniella Bak Shnaps. The word and conjugacy problem for shuffle groups. *Groups. Complexity. Cryptology*, 1(2):143–164, 2009. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Shpilrain:2010:SWP

[Shp10] Vladimir Shpilrain. Search and witness problems in group theory. *Groups. Complexity. Cryptology*, 2(2):231–246, 2010. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Shpilrain:2014:DBI

[Shp14] Vladimir Shpilrain. Decoy-based information security. *Groups. Complexity. Cryptology*, 6(2):149–155, 2014. CO-

DEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Shpilrain:2016:CLF

[SS16] Vladimir Shpilrain and Bianca Sosnovski. Compositions of linear functions and applications to hashing. *Groups. Complexity. Cryptology*, 8(2):155–161, November 2016. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Shahryari:2017:DPV

[SS17] Mohammad Shahryari and Artem Shevlyakov. Direct products, varieties, and compactness conditions. *Groups. Complexity. Cryptology*, 9(2):159–??, November 2017. ISSN 1867-1144 (print), 1869-6104 (electronic).

Seberry:2011:NGD

[STT11] Jennifer Seberry, Vinhbuu To, and Dongvu Tonien. A new generic digital signature algorithm. *Groups. Complexity. Cryptology*, 3(2):221–237, 2011. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Schleimer:2019:GTS

[SW19] Saul Schleimer and Bert Wiest. Garside theory and subsurfaces: Some examples in braid groups. *Groups. Complexity. Cryptology*, 11(2):61–75, November 2019. ISSN 1867-1144 (print), 1869-6104 (electronic).

Shpilrain:2009:UDP

[SZ09] Vladimir Shpilrain and Gabriel Zapata. Using decision problems in public key cryptography. *Groups. Complexity. Cryptology*, 1(1):33–49, 2009. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Silva:2018:FGS

[SZ18] Pedro V. Silva and Alexander Zakharov. On finitely generated submonoids of virtually free groups. *Groups. Complexity. Cryptology*, 10(2):63–??, November 2018. ISSN 1867-1144 (print), 1869-6104 (electronic).

Timoshenko:2017:RSE

[Tim17] Evgeny I. Timoshenko. A remark on spherical equations in free metabelian groups. *Groups. Complexity. Cryptology*, 9(2): 155–??, November 2017. ISSN 1867-1144 (print), 1869-6104 (electronic).

Taback:2015:TBL

[TY15] Jennifer Taback and Sharif Younes. Tree-based language complexity of Thompson's group F. *Groups. Complexity. Cryptology*, 7(2):135–152, 2015. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Ushakov:2016:ACK

[Ush16] Alexander Ushakov. Authenticated commutator key agreement protocol. *Groups. Com-*

plexity. Cryptology, 8(2):127–133, November 2016. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Vassileva:2011:PTC

[Vas11] Svetla Vassileva. Polynomial time conjugacy in wreath products and free solvable groups. *Groups. Complexity. Cryptology*, 3(1):105–120, 2011. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Ventura:2014:GTO

[Ven14] Enric Ventura. Group-theoretic orbit decidability. *Groups. Complexity. Cryptology*, 6(2):133–148, 2014. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Wassink:2011:SRT

[Was11] Bronlyn Wassink. Subgroups of R. Thompson's group F that are isomorphic to F. *Groups. Complexity. Cryptology*, 3(2):239–256, 2011. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Weiss:2010:SGL

[Wei10] Uri Weiss. On Shephard groups with large triangles. *Groups. Complexity. Cryptology*, 2(1):1–34, 2010. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).

Wilson:2012:EAA

[Wil12] James B. Wilson. Existence, algorithms, and asymptotics of direct product decompositions, I. *Groups. Complexity. Cryptology*, 4(1):33–72, 2012. CODEN ???? ISSN 1867-1144 (print), 1869-6104 (electronic).