

# СПИСЪК С ЦИТИРАНИЯ

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- (1) V.V. Tsanov, *Triangle groups, automorphic forms, and torus knots*, L'Enseignement Mathématique (2) 59 (2013), 73-113. ISSN 2309-4672, DOI:10.4171/LEM/59-1-3.
- (1.1) B. Demir, O. Koruoglu, R. Sahin, *Some normal subgroups of extended generalized Hecke groups*, Hacettepe J. of Math. And Stat. **45** (2016), 1023-1032. EISSN: 2651-477X, DOI: 10.15672/HJMS.20164513108.
- (1.2) S. Kaymak, B. Demir, O. Koruoglu, R. Sahin, *Commutator subgroups of generalized Hecke and extended generalized Hecke groups*, Analele Stiintifice ale Univ. Ovidius Constanta – Seria Matematica **26** (2018), 159-168. ISSN 1844-0835, DOI: 10.2478/auom-2018-0010.
- (1.3) K. Boyle, *On the virtual cosmetic surgery conjecture*, New York J. of Math. **24** (2018), 870-896. ISSN 1076-9803, <https://nyjm.albany.edu/j/2018/24-41p.pdf>.
- (1.4) O. Koruoglu, T. Meral, R. Sahin, *Commutator subgroups of the power subgroups of generalized Hecke groups*, Algebra and Discrete Math. **27** (2019), 280-291. ISSN: 2415-721X, <https://admjournal.luguniv.edu.ua/index.php/adm/article/view/597>.
- (1.5) S.K. Ashok, D.P. Jatkar, M. Raman, *Triangle groups: automorphic forms and nonlinear differential equations*, Symmetry, Integrability and Geometry – Methods and Applications **16** (2020). ISSN 1815-0659, DOI: 10.3842/SIGMA.2020.102.
- (1.6) G. Dograyici, R. Sahin, *Commutator subgroups of generalized Hecke and extended generalized Hecke groups, II*, Turkish J. of Math. **44** (2020), p. 2123-2131. ISSN: 1300-0098, DOI: 10.3906/mat-1911-40.
- (1.7) R. Sahin, T. Meral, O. Koruoglu, *Power and free normal subgroups of generalized Hecke groups*, Asian-European Journal of Mathematics **13** (2020). ISSN: 1793-7183, DOI: 10.1142/S1793557120500801.
- (1.8) T. Mutsasaka, J. Ueki, *Modular knots, automorphic forms, and the Rademacher symbols for triangle groups*, Research in the Math. Sci. **10** (2023). ISSN 2197-9847, DOI:10.1007/s40687-022-00366-8.
- (2) V.V. Tsanov, *Embeddings of semisimple complex Lie groups and cohomological components of modules*, J. of Algebra **373** (2013), 1--29. ISSN 1090266X, DOI:10.1016/j.jalgebra.2012.09.030.
- (2.1) I. Dimitrov, M. Roth, *Cup products of line bundles on homogeneous varieties and generalized PRV components of multiplicity one*, Algebra and Number Theory **11** (2017), 767-815. ISSN 1944-7833, DOI:10.2140/ant.2017.11.767.
- (3) A. Sawicki, V. V. Tsanov, *A link between quantum entanglement, secant varieties and sphericity*, J. Phys. A **46** (2013), 265301, 20 pages. ISSN 17518121, DOI:10.1088/1751-8113/46/26/265301.
- (3.1) F. Holweck, J.-G. Luque, J.-Y. Thibon, *Entanglement of four qubit systems: A geometric atlas with polynomial compas I (the finite world)*, J. of Math. Phys. **55** (2014), 012-202. ISSN 1089-7658, DOI: 10.1063/1.4858336.
- (3.2) F. Holweck, H. Jaffali, I. Nounouh, *Grover's algorithm and the secant varieties*, Quantum Information Processing **15** (2016). ISSN 1573-1332, DOI: 10.1007/s11128-016-1445-2.
- (3.3) O. Legeza, C. Schilling, *Role of the pair potential for the saturation of generalized Pauli constraints*, Physical Review A **97** (2018). ISSN 2469-9934, DOI: 10.1103/PhysRevA.97.052105.

- (3.4) H. Jaffali, F. Holweck, *Quantum entanglement involved in Grover's and Shor's algorithms: the four-qubit case*, Quantum Information Processing **18** (2018). ISSN 1573-1332, DOI: 10.1007/s11128-019-2249-y.
- (3.5) F. Holweck, *Geometric constructions over  $\mathbb{C}$  and  $\mathbb{F}^2$  for quantum information*, Chapter in book: E. Ballico et al. (eds.), *Quantum Physics and Geometry*, Lecture Notes of the Unione Matematica Italiana 25, Springer Nature Switzerland, 2019. ISSN 1862-9113, ISBN 978-3-030-06121-0, DOI: 10.1007/978-3-030-06122-7.
- (3.6) P.S. Choong, H. Zainuddin, K.T. Chan, S.K.S. Husain, *Higher-order singular value decomposition and the reduced density matrices of three qubits*, Quantum Information Processing **19** (2020). ISSN 1573-1332, DOI: 10.1007/s11128-020-02848-6.
- (3.7) M. Gharani, S. Mancini, G. Ottaviani, *Fine-structure classification of multiqubit entanglement by algebraic geometry*, Physical Review Research **2** (2020). ISSN 2643-1564, DOI: 10.1103/PhysRevResearch.2.043003.
- (3.8) M. Gharani, S. Mancini, *Algebraic-geometric characterization of tripartite entanglement*, Physical Review A **104** (2021). ISSN 2469-9934, DOI: 10.1103/PhysRevA.104.042402.
- (3.9) M. Gharahi, *Classifying entanglement by algebraic geometry*, Ph.D. Thesis, International Journal of Quantum Information, Vol. 22, No. 03, 2350047 (2024). ISSN 1793-6918, DOI: 10.1142/S0219749923500478.
- (4) A.V. Petukhov, V.V. Tsanov, *Homogeneous projective varieties with semi-continuous rank function*, Manuscripta Mathematica **147** (2015), 269–303. ISSN 00252611, DOI: 10.1007/s00229-014-0723-5.
- (4.1) A. Bernardi, R. Staffolani, *A note on the maximal rank*, European Journal of Mathematics **8** (2022), 94-100. ISSN: 2199-6768, DOI: 10.1007/s40879-022-00542-8.
- (5) T. Maciążek, V.V. Tsanov, *Quantum marginals from pure doubly excited states*, J. Phys. A: Math. Theor. **50** (2017) 465-504. ISSN 1751-8121, DOI 10.1088/1751-8121/aa8c5f.
- (5.1) O. Legeza, C. Schilling, *Role of the pair potential for the saturation of generalized Pauli constraints*, Physical Review A **97**(5), 052105 (2018). ISSN 2469-9934, DOI: 10.1103/PhysRevA.97.052105.
- (5.2) C. Schilling, M. Altunbulak, S. Knecht, A. Lopes, J. Whitfield, M. Christandl, D. Gross, and M. Reiher, *Generalized Pauli constraints in small atoms*, Physical Review A **97**(5), 052503 (2018). ISSN 2469-9934, DOI: 10.1103/PhysRevA.97.052503.
- (5.3) J. Bryan, S. Leutheusser, Z. Reichstein, M. van Raamsdonk, *Locally maximally entangled states of multipart quantum systems*, Quantum **3**, 115 (2019). ISSN 2521-327X, DOI: 10.22331/q-2019-01-06-115.
- (5.4) O. Gritsenko, K. Pernal, *Approximating one-matrix functionals without generalized Pauli constraints*, Physical Review A **100**(1), 012509 (2019). ISSN 2469-9934, DOI: 10.1103/PhysRevA.100.012509.
- (5.5) C. Benavides-Riveros, M. Marques, *On the time evolution of fermionic occupation numbers*, Journal of Chemical Physics **151**(4), 044112 (2019). ISSN 1089-7690, DOI: 10.1063/1.5109009.
- (5.6) J. Liebert, F. Castillo, J.-Ph. Labbé, C. Schilling, *Foundation of One-Particle Reduced Density Matrix Functional Theory for Excited States*, Journal of Chemical Theory and Computation **18**(1) (2022), 124-140. ISSN 1549-9618, DOI: 10.1021/acs.jctc.1c00561/
- (5.7) S. Weis, J. Gouveia, *The face lattice of the set of reduced density matrices and its coatoms*, Information Geometry **6** (2023), 293–326. ISSN 2511-249X, DOI: 10.1007/s41884-023-00103-2.

- (5.8) F. Castillo, J.-Ph. Labbé, J. Liebert, A. Padrol, E. Philippe, C. Schilling *An Effective Solution to Convex 1-Body  $N$ -Representability*, Annales Henri Poincaré **24**(7) (2023), 2241–2321. ISSN 1424-0661, DOI: 10.1007/s00023-022-01264-z.
- (6) V.V. Tsanov, *Secant varieties and degrees of invariants*, J. Geom. Symm. Phys. **51** (2019), 73–85. ISSN 13125192, DOI:10.7546/jgsp-51-2019-73-85.
- (6.1) O. Slowik, T. Maciążek, A. Sawicki, *Designing locally maximally entangled quantum states with arbitrary local symmetries*, Quantum **5**, 450 (2021), 42 pages. DOI:10.22331/q-2021-05-01-450.
- (7) H. Seppänen, V.V. Tsanov, *Geometric invariant theory for principal three-dimensional subgroups acting on flag varieties*, In: Representation theory - current trends and perspectives, ed. H. Krause et al, Series of Congress Reports, EMS 2017, pp. 637–663. ISBN 978-3-03719-171-2, DOI:10.4171/171.
- (7.1) D. Dumas, A. Sanders, *Geometry of compact complex manifolds associated to generalized quasi-Fuchsian representations*, Geometry and Topology **24** (2020), 1615–1693. ISSN 1364-0380, DOI:10.2140/gt.2020.24.1615.
- (7.2) D. Dumas, A. Sanders, *Uniformization of compact complex manifolds by Anosov homomorphisms*, Geom. and Funk. Analysis **31** (2021), 815–854. ISSN 1420-8970, DOI:10.1007/s00039-021-00572-6.