

In total: **175** publications, among them **9** books and **166** articles on
mathematical physics, quantum computing, signal processing and DNA structure

Publications by Steven Duplij/Stepan Douplii (1985-2025)

- [1] S. Duplij, N. Fu, and Q. Guo, *Cryptographic transformations over polyadic rings*, Res. Inst., HEU, arXiv: 2512.12580 [cs.CR], Yantai, 2025, 9 p.
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- [4] S. Duplij, *Positional numeral systems over polyadic rings*, Univ. Münster, CIT, arXiv: 2506.12930 [math.NT], Münster, 2025, 13 p.
- [5] S. Duplij, *Polyadic supersymmetry*, Universe **11** (2025), 125.
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- [7] Q. Guo, M. Fang, S. Douplii, and Y. Wang, *Pattern synthesis of sparse linear arrays based on the atomic norm minimization and alternating direction method of multipliers approach*, Digital Signal Process. **162** (2025), 105160.
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- [12] S. Duplij, *Hyperpolyadic structures*, Mathematics **12** (2024), 2378.
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- [15] S. Duplij, *Polyadic supersymmetry*, Univ. Münster, CIT, hep-th/2406.02188, Münster, 2024, 14 p.
- [16] V. P. Duplij, N. V. Duplii, and S. Duplij, *DNA walk diagram in Triander and jsTriander applications*, Plant Phys. Genet. (Fiziol. rast. genet.) **56** (2024), 353–361.
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