

Nikolai Chukhin
buyolitsez1951@gmail.com
Saint Petersburg State University &
Neapolis University Pafos

List of Publications

- 1 **Nikolai Chukhin**. A Note on Conditional Complexity Hardness of Matrix Rigidity and Tensor Rank. ECCC TR26-041. 2026.
- 2 **Nikolai Chukhin**, Kulikov AS, Mihajlin I, and Smirnova A. Conditional Complexity Hardness: Monotone Circuit Size, Matrix Rigidity, and Tensor Rank. In: *STACS*. Vol. 364. LIPIcs. Schloss Dagstuhl - Leibniz-Zentrum für Informatik, 2026:28:1–28:21.
- 3 **Nikolai Chukhin**, Kulikov AS, and Mihajlin I. Toward Better Depth Lower Bounds: Strong Composition of XOR and a Random Function. In: *STACS*. Vol. 327. LIPIcs. Schloss Dagstuhl - Leibniz-Zentrum für Informatik, 2025:26:1–26:15.
- 4 Belova T, **Nikolai Chukhin**, Kulikov AS, and Mihajlin I. Improved Space Bounds for Subset Sum. In: *ESA*. Vol. 308. LIPIcs. Schloss Dagstuhl - Leibniz-Zentrum für Informatik, 2024:21:1–21:17.