

1. Flavio Baccari, Remigiusz Augusiak, Ivan Supic and Antonio Acin - Device-Independent Certification of Genuinely Entangled Subspaces
2. Peter Brown, Omar Fawzi and Hamza Fawzi - Device-independent lower bounds on the conditional von Neumann entropy
3. Avishy Carmi and Eliahu Cohen – Multiplicative Bell inequalities
4. Máté Farkas, Maria Balanzó-Juandó, Karol Łukanowski, Jan Kołodyński and Antonio Acín - Bell nonlocality is not sufficient for the security of standard device-independent quantum key distribution protocols
5. J. William Helton, Hamoon Mousavi, Seyed Sajjad Nezhadi, Vern I. Paulsen and Travis B. Russell - Synchronous Values of Games
6. Xavier Coiteux-Roy, Elie Wolfe and Marc-Olivier Renou - Any Physical Theory of Nature Must Be Boundlessly Multipartite Nonlocal
7. Mariami Gachechiladze, Nikolai Miklin, Bartłomiej Bak and Marcin Pawłowski - Quantum Bell inequalities from Information Causality – tight for Macroscopic Locality
8. Miguel Gallego and Borivoje Dakic - Macroscopically nonlocal quantum correlations
9. Tamal Guha, Mir Alimuddin, Sumit Rout, Some Sankar Bhattacharya, Amit Mukherjee and Manik Banik - Quantum Advantage for Shared Randomness Generation
10. Flavien Hirsch - Local hidden-variable models for quantum states and Grothedieck's constants
11. Flavien Hirsch, Emanuel-Cristian Boghiu, Marco Túlio Quintino, Pei-Sheng Lin and Joseph Bowles - Device-independent and semi-device-independent entanglement certification in broadcast Bell scenarios
12. Laurens Ligthart, Mariami Gachechiladze and David Gross - A convergent inflation hierarchy for quantum causal structures
13. Karol Łukanowski, Máté Farkas, Maria Balanzó-Juandó, Antonio Acín and Jan Kołodyński - Upper bounds on key rates in device-independent quantum key distribution based on convex-combination attacks
14. Nikolai Miklin and Marcin Pawłowski - Information Causality without concatenation
15. Hamoon Mousavi, Seyed Sajjad Nezhadi and Henry Yuen - Nonlocal Games, Compression Theorems, and the Arithmetical Hierarchy
16. Markus Mueller and Andrew Garner - Testing quantum theory with generalized noncontextuality
17. Martin Plávala and Matthias Kleinmann - Operational Theories in Phase Space: Toy Model for the Harmonic Oscillator
18. Marco Túlio Quintino - Measurement incompatibility and Bell nonlocality: from 1985 to 2022
19. Ashutosh Rai, Matej Pivoluska, Souradeep Sasmal, Manik Banik, Sibasish Ghosh and Martin Plesch - Self-testing Quantum States via Non-maximal Bell Violation
20. Shubhayan Sarkar, Jakub Jan Borkała, Chellasamy Jebarathinam, Owidiusz Makuta, Debashis Saha and Remigiusz Augusiak - Self-testing of any pure entangled state and optimal randomness certification in one-sided device-independent scenario
21. Armin Tavakoli, Jędrzej Kaniewski, Máté Farkas, Denis Rosset and Jean-Daniel Bancal - Mutually unbiased bases and symmetric informationally complete measurements in Bell experiments
22. Lucas Vieira and Costantino Budroni - Temporal correlations in the simplest measurement sequences
23. Shiv Akshar Yadavalli, Nikola Andrejić and Ravi Kunjwal - Bell violations from arbitrary joint measurability structures
24. Kaiyan Yang, Xiao Zeng, Guowu Yang, Lan Shu, Miguel Navascues and Zizhu Wang - Contextuality in infinite one-dimensional translation-invariant local Hamiltonians: strengths and limits