

PUBLICATIONS

1. Lorenzo Leone, Salvatore F.E. Oliviero, Alioscia Hamma
Stabilizer Rényi entropy
Physical Review Letters **128**, 050402(2022)
2. Salvatore F.E. Oliviero, Lorenzo Leone, You Zhou, Alioscia Hamma
Stability of topological purity under random local unitaries
SciPost Phys. **12**, 096 (2022)
3. Salvatore F.E. Oliviero, Lorenzo Leone, Alioscia Hamma
Transitions in entanglement complexity in random quantum circuits by measurements
Physics Letters A, 127721(2021)
4. Lorenzo Leone, Salvatore F.E. Oliviero, You Zhou, Alioscia Hamma
Quantum Chaos is Quantum
Quantum, volume 5, page 453 (2021)
5. Salvatore F.E. Oliviero, Lorenzo Leone, Francesco Caravelli, Alioscia Hamma
Random Matrix Theory of the Isospectral Twirling
SciPost Phys. **10**, 076 (2021)
6. Lorenzo Leone, Salvatore F.E. Oliviero, Alioscia Hamma
Isospectral twirling and quantum chaos
Entropy **2021**, 23(8), 1073(2021)
7. Max Kurkov, Lorenzo Leone
Remark on the synergy between the heat kernel techniques and the parity anomaly
International Journal of Geometric Methods in Modern Physics, **17**, 2050002-679(2020)

PREPRINTS

8. Lorenzo Leone, Salvatore F.E. Oliviero, Stefano Piemontese, Sarah True, Alioscia Hamma
Learning a mocking black hole
<https://doi.org/10.48550/arXiv.2206.06385>
9. Salvatore F.E. Oliviero, Lorenzo Leone, Alioscia Hamma
Magic of the ground state of the transverse field Ising model
<https://doi.org/10.48550/arXiv.2205.02247>
10. Lorenzo Leone, Salvatore F.E. Oliviero, Alioscia Hamma
Magic hinders quantum certification
<https://doi.org/10.48550/arXiv.2204.02995>
11. Salvatore F.E. Oliviero, Lorenzo Leone, Alioscia Hamma, Seth Lloyd
Measuring magic on a quantum processor
<https://arxiv.org/abs/2204.00015>