

Ideas

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Complex level ratios

In Ref. [3] Sa *et al.* introduced the complex level ratios, also used in [2]. The idea is to compute the complex level ratios for the dynamical map \mathcal{E}_t of the chaometer in a time window $[0, t_f]$.

[1]

References

- [1] N. Dowling and K. Modi. Operational Metric for Quantum Chaos and the Corresponding Spatiotemporal-Entanglement Structure. *PRX Quantum*, 5(1):010314, 2024.
- [2] J. Richter, L. Sá, and M. Haque. Integrability versus chaos in the steady state of many-body open quantum systems, Dec. 2024. arXiv:2412.16041 [cond-mat].
- [3] L. Sá, P. Ribeiro, and T. Prosen. Complex Spacing Ratios: A Signature of Dissipative Quantum Chaos. *Phys. Rev. X*, 10(2):021019, Apr. 2020.