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Publications & Pre-prints

- (with C. Fields, J. Glazebrook, A. Marciano) "Amplituhedra for Generic Quantum Processes from Computation-Scattering Correspondence", arXiv:2509.19772 (submitted).
- (with M. Saito) "Quantum Cocycle Invariants of Knots from Yang-Baxter Cohomology", arXiv:2509.04267 (submitted).
- (with A. Giola, A. Kramer, E. Greco) "Neural Integral Operators for Inverse problems in Spectroscopy", arXiv:2505.03677 (submitted).
- (with Zhang, He, Ying, van Dijk et al.) "Non-Markovian Discrete Diffusion with Causal Language Models", arXiv:2502.09767, to appear in Conference on Neural Information Processing Systems (NeuRIPS 2025).
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- (with M. Saito) "Yang-Baxter Solutions from Categorical Augmented Racks", arXiv:2312.01033, to appear in **J. Knot Theory Ramifications**.
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- (with M. Saito) "Yang-Baxter Hochschild Cohomology", arXiv:2305.04173, to appear in International J. Math..
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