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Status of Riemann Manifold Hybrid Monte Carlo

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We report on the ongoing study of Riemann Manifold Hybrid Monte Carlo (RMHMC) for Lattice QCD. The effect of Fourier acceleration with RMHMC are studied
on both quenched and 2+1-flavor dynamical ensembles by measuring autocorrelations on topological charge and wilson flow scales, as well as topological diffusion coefficients.

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