

The Generalized Riemann Zeta Heat Flow

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This talk introduces holomorphic flows, with a focus on the dynamics associated with the Riemann Zeta function, including equilibria, poles, and separatrices. Then, we will discuss heat equations with nonlinearities involving the Zeta function and Dirichlet L-functions. The results presented include existence, blow-up and the asymptotic behavior of their solutions.

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