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# Discrete band spectrum and zeta functions for geodesic flow on negative curvature manifold

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## Abstract

The geodesic flow on a negative curvature manifold is a model of chaotic dynamics. The vector field has discrete spectrum in specific anisotropic Sobolev spaces called Ruelle-Pollicott spectrum. It governs decay of correlations. We will explain that this spectrum is structured in bands separated by gaps. Work with Masato Tsujii.

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