

# REAL-ANALYTIC FBI TRANSFORM AND ANOSOV FLOWS

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Anosov flows form an extensively studied class of chaotic dynamical systems. In this talk, I will explain how PDE techniques developed by Helffer and Sjöstrand in the 80s-90s can be used to study the statistical properties of real-analytic Anosov flows, and the complex-analytic properties of associated zeta functions. This is a joint work with Yannick Guedes Bonthonneau.