



Alexander Strohmaier

Vanishing of the eta residue density for projective vector bundles

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I will explain a short argument that implies the vanishing of the eta residue density for odd dimensional manifolds. This argument is algebraic and therefore generalizes the original results by Wodzicki and Gilkey to the projective case. The talk will start with a very elementary introduction to projective bundles, pseudodifferential operators and twisted K-theory.

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