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Leibniz
Universität
Hannover

Oberseminar
Analysis und Theoretische Physik

Prof. Dr. Boris Vertman

Westfälische Wilhelms-Universität Münster

Cheeger-Müller theorem on manifolds with cusps

In this talk we present recent results leading to a Cheeger-Müller type theorem on non-compact manifolds with cusps. More specifically, we identify the quotient of renormalized analytic torsion and the intersection R-torsion in terms of Betti numbers and intersection R-torsion of a cone. The methods of proof range from explicit computations and gluing formula for renormalized analytic torsion on non-compact manifolds, to microlocal degeneration techniques.

**Dienstag, 13.1.2015, 15:00h, Raum g005
Hauptgebäude der Leibniz Universität**

Dazu laden herzlich ein:
Prof. Dr. Wolfram Bauer
Prof. Dr. Joachim Escher
Prof. Dr. Olaf Lechtenfeld
Prof. Dr. Elmar Schrohe
Prof. Dr. Christoph Walker

Weitere Informationen finden Sie auch unter
http://www.ifam.uni-hannover.de/~escher/de/os_anal.php