

Andreas Juhl

Conformally covariant differential operators

TIME:

29 Nov 2009, 14:15 - 13 Dec 2009, 15:45

LOCATION:

Universität Potsdam
Campus Am Neuen Palais
Haus 8, Raum 0.58

Vorträge: 30.11, 07.12, 14.12 (15.15 - 16.45)

In a series of 3 lectures we will discuss recent developments around conformally invariant differential operators and Branson's Q-curvature. In the first lecture, we plan to cover the following topics:

- Conformal geometry and the ambient metric construction
- Yamabe and Paneitz operator and their role in geometric analysis
- GJMS-operators and their relation to scattering theory

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