



EINLADUNG

Literaturseminar

zum Vortrag

von

Lars Andersson

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über

„Linear stability for the Kerr spacetime“

Abstract:

The black hole stability problem, i.e. problem of proving dynamical stability of the Kerr family of rotating black hole spacetimes, is one of the major open problems in general relativity. Linearized stability is an important step toward solving the black hole stability problem. In this talk, based on the recent paper <https://arxiv.org/abs/1903.03859>, joint with Bäckdahl, Blue, and Ma, I will describe our proof of linearized stability, and explain the role of the special geometry of the Kerr spacetime in the stability problem.

Zeit: Donnerstag, 02.05.2019, 14.00

Ort: Arbeitsgruppe Gravitation, Währinger Straße 17,
Seminarraum 218, 2. Stock

gez.: P. T. Chruściel, D. Fajman