



E I N L A D U N G

im Rahmen des Literaturseminars

zum Vortrag

von

Jérémie Joudioux

(Univ. Vienna)

über

*“Hidden symmetries and decay for the Vlasov equation
on the Kerr spacetime”*

Abstract:

I will review in this talk the commutator theory for the transport equation on curved spacetimes, and suggest, as an application, the derivation of an integrated energy decay for massless Vlasov fields on Kerr black holes. This work is a direct application of the work by Andersson and Blue (Ann. Math. 15) for the wave equation, combined with the commutator theory for the transport equation developed by Fajman, Joudioux and Smulevici. This is an ongoing work in collaboration with Pieter Blue.

Zeit: Donnerstag, 12.01.2017, **14:00**

Ort: Arbeitsgruppe: Gravitation, Währinger Straße 17,
common room 1. Stock

gez.: P. T. Chrusciel