

数学与系统科学研究院

计算数学所学术报告

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报告题目:

Propagation of regularity and long time behavior of 3D massive relativistic transport equation I: Vlasov-Nordström system

邀请人: 徐丽 博士

报告时间: 2018 年 6 月 22 日 (周五)

下午 14:30-15:30

报告地点: 科技综合楼三层

301 报告厅

Abstract:

In this talk, we will show a new set of vector fields for the Vlasvo-wave type coupled system. For suitably small smooth initial data, we prove global regularity and scattering for the 3D massive relativistic Vlasov-Nordstr\''om system without any compact support assumption.

欢迎大家参加！