

数学与系统科学研究院

计算数学所学术报告

报告人: **Assistant Prof. Beibei Zhu**

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报告题目:

**Symplectic all-at-once method for
Hamiltonian systems**

邀请人: 唐贻发 研究员

报告时间: **2020 年 12 月 12 日(周六)**

上午 10:00-11:00

报告地点: **数学院南楼**

702 教室

Abstract:

A combination of the classical symplectic method and the all-at-once technique is used to solve Hamiltonian systems in this paper. To solve our all-at-once system efficiently, a fast algorithm is developed, which greatly saves the CPU time. Numerical experiments are exhibited to show that our method is more efficient than traditional symplectic method.

欢迎大家参加！