数学与系统科学研究院

计算数学所学术报告

报告人： **Dr. Shihao Li**

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报告题目：

The discretisation of Pfaffian and integrable systems （I）

邀请人： 常向科 副研究员

报告时间：**2019 年 6 月 6 日（周四）**

下午 14:00-15:00

报告地点： 科技综合楼三层

301 报告厅

Abstract：

Pfaffian, as a basic algebraic tool like determinant, plays an important role in classic integrable systems. I will present some discrete integrable systems with their Pfaffian solutions. In the fist talk, some basic definitions and derivative principals of Pfaffian would be introduced and then some important examples which exhibits Pfaffian solutions will be demonstrated. It is known the discrete integrable systems are more relevant to algorithms and hence the discretisation of Pfaffian is considered. In the second talk, by showing the discrete counterparts of evolutions, some discrete integrable systems with Pfaffian solutions will be constructed. Subsequently, some algorithms related to Pfaffians will be presented.

欢迎大家参加！