

数学与系统科学研究院

计算数学所学术报告

报告人: **Jingping Wang**

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报告题目:

**Poisson cohomology of difference
Hamiltonian operators**

邀请人: 胡星标 研究员

报告时间: **2019 年 11 月 5 日 (周二)**

下午 15:30-16:30

报告地点: **数学院南楼二层**

202 教室

Abstract:

The classification of Hamiltonian operators in the formal calculus of variations relies on their corresponding Poisson-Lichnerowicz cohomology. We consider the case of scalar difference Hamiltonian operators, such as the ones which constitute the biHamiltonian pair for the Volterra chain, and prove that an analogue of Getzler's result for (differential) operators of hydrodynamic type

This is the joint work with M. Casati.

欢迎大家参加！