

数学与系统科学研究院

计算数学所学术报告

报告人: 周汝光 教授

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报告题目:

**A vector CTL-RTL hierarchy with  
bi-Hamiltonian structure (I)**

邀请人: 胡星标 研究员

报告时间: 2018 年 12 月 20 日(周四)

**晚上 20:00-21:00**

报告地点: 数学院南楼七层

**702 教室**

## **Abstract:**

**In the first talk, we introduce an approach for generating integrable vector analogies of the combination of Toda lattice and relativistic Toda lattice (CTL–RTL) hierarchy. In the second talk, applications are considered. The vector analogies of the first two members in the CTL–RTL hierarchy are constructed. The resulting vector lattice systems are shown to possess zero-curvature representations and bi-Hamiltonian structure.**

**欢迎大家参加！**