

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:

**Yet another fascinating integrable
system: coupled discrete modified
KdV equations**

邀请人: 胡星标 研究员

报告时间: **2015 年 5 月 7 日 (周四)**

晚上 20:30-21:30

报告地点: **数学院南楼七层**

702 会议室

Abstract:

In the field of integrable systems and solitons, some prominent integrable models exhibit pivotal roles in the development of the theory, e.g., the KdV, NLS, KP, Toda equations, and etc. Important properties in these systems, such as Lax pair and Backlund transformation, are fundamental in the field.

In this talk, we will show a less well-known integrable system --- the coupled discrete modified KdV equations. It is shown that this system possesses rich mathematical structures and some remarkable properties.

欢迎大家参加！