数学与系统科学研究院

计算数学所学术报告

报告人： **Dr. Linyu Peng**

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报告题目：

Variational bicomplexes and multisymplectic structures:From differential to difference

邀请人:胡星标研究员、唐贻发研究员

报告时间：2015 年 3 月 26 日（周四）

下午 14:00-15:00

报告地点： 科技综合楼三层

311 报告厅

Abstract：

Multisymplectic partial di erential equations have a sound property of structure preserving, the conservation of multisymplecticity. Multisymplectic integrators are numerical methods preserving multisymplecticity.

In this talk, we show that the variational bicomplexes provide systematic approaches for understanding the conservations of multisymplecticity for both differential equations and variational integrators.

欢迎大家参加！