

数学与系统科学研究院

计算数学所学术报告

报告人: **Prof. Wen-Xiu Ma**

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报告题目:

**Resonant and lump solitons by  
bilinear techniques**

邀请人: 胡星标 研究员

报告时间: **2015 年 8 月 26 日 (周五)**

**上午 10:30**

报告地点: 数学院南楼二层

**224 会议室**

**Abstract:**

**We will talk about applications of bilinear techniques to resonant and lump solitons of nonlinear partial differential equations. Maple symbolic computations are made to present illustrative examples. The key is to realize applicability of the linear superposition principle and positivity of multi-variate polynomials.**

**欢迎大家参加！**