

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:

**Numerical calculations of N-periodic
wave solutions to coupled KdV-type
equations**

邀请人: 常向科 博士

报告时间: 2018 年 6 月 30 日 (周六)

下午 15:00-16:00

报告地点: 数学院南楼二层

212 教室

Abstract:

In this talk, I will introduce a numerical process to calculate N-periodic waves to coupled KdV-type equations. The main idea is based on an over-determinant algebraic condition given by A. Nakamura. We apply this procedure to several coupled KdV-type equations including the coupled Ramani equation, the Sinh-Gordon equation and the Camassa-Holm equation.

欢迎大家参加！