

数学与系统科学研究院  
计算数学所网络学术报告

报告人: 朱佐农 教授

( 上海交通大学 )

报告题目:

**From integrability of spatial discrete  
nonlinear integrable equations to  
integrability of nonlinear integrable  
PDEs**

邀请人: 胡星标 研究员

报告时间: 2020 年 9 月 25 日 (周五)

下午 15:00-16:00

报告工具: 腾讯会议 (ID: 176 128 340)

**Abstract:**

**In this talk, we will address the topic that from integrability of spatial discrete nonlinear integrable equations to integrability of nonlinear integrable PDEs. We will take the KdV hierarchy and its spatial discrete version, Hirota equation and its spatial discrete version as examples, and show that how to get the integrability of the KdV hierarchy and the Hirota equation from the integrability of their spatial discrete versions.**

**欢迎大家参加！**