数学与系统科学研究院学术报告

报告题目：Hidden Regularities and Boundary Value Problems of the KdV Equation on a Bounded Domain

报 告 人：Bingyu Zhang (University of Cincinnati, USA)

时间地点：10:00-11:00AM, September 27, 2013, Room 712, Siyuan Building

摘要：

we show that solution of the KdV equation posed on a finite domain satisfying certain special boundary conditions also possess some type of hidden regularities and demonstrate how those hidden regularities play indispensable roles in studying the well-posedness of boundary value problems of the KdV equation  with general boundary conditions posed on the two ends of the domain.