



复旦大学数学科学学院 数学综合报告会

报告题目: PDE arguments in the nonlinear steepest descent method

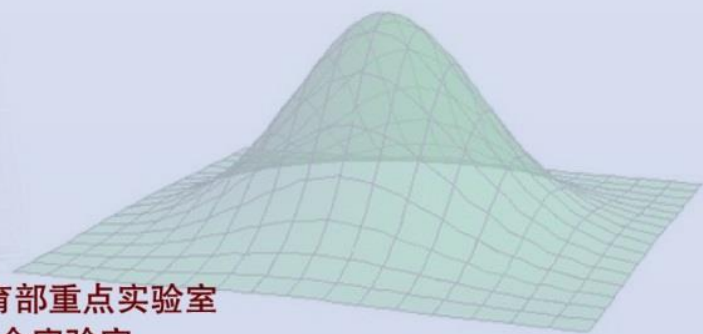
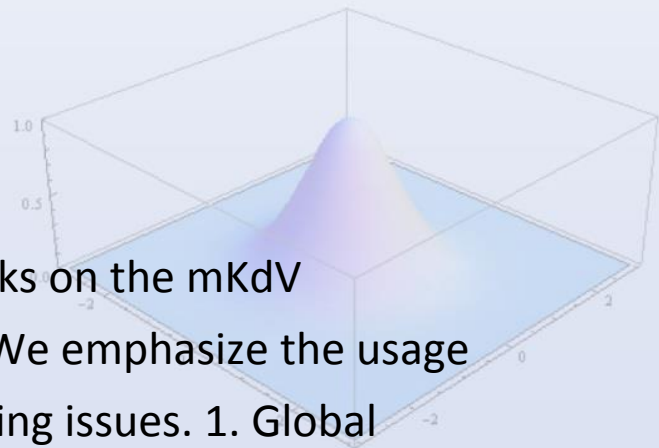
报告人: 刘家琪 副教授 (中国科学院大学)

时间: 2021-04-09 星期五 10:00--11:00

地点: 腾讯会议 ID: 360 562 471

报告摘要:

In this talk we present our recent works on the mKdV equation and sine-Gordon equation. We emphasize the usage of pde methods to address the following issues. 1. Global existence of solution in weighted sobolev spaces; 2. approximation using strong solutions to extend asymptotic formulas to spaces of lower regularity. This is joint work with Gong Chen and Bingying Lu.



非线性数学模型与方法教育部重点实验室
中法应用数学国际联合实验室
上海市现代应用数学重点实验室
复旦大学数学研究所