



复旦大学数学科学学院

数学综合报告会

报告题目: Joint spectrum, group representations, and the Julia set

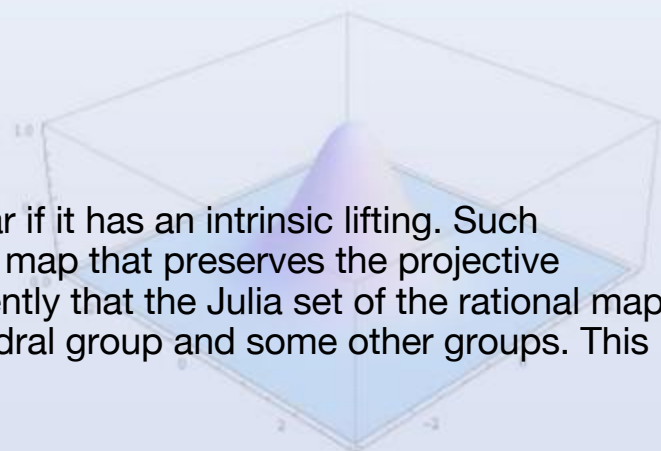
报告人: 杨容伟 教授(纽约州立大学奥尔巴尼分校)

时间: 2025-07-04 星期五 15:00-16:00

地点: 光华楼东主楼 1801

报告摘要:

A group representation is said to be self-similar if it has an intrinsic lifting. Such representation naturally gives rise to a rational map that preserves the projective spectrum. Remarkably, it was discovered recently that the Julia set of the rational map can be explicitly described for the infinite dihedral group and some other groups. This talk will report on this progress.



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