



复旦大学数学科学学院 数学综合报告会

报告题目: Hankel operators and Calderon-Zygmund commutators in Lorentz and weak classes

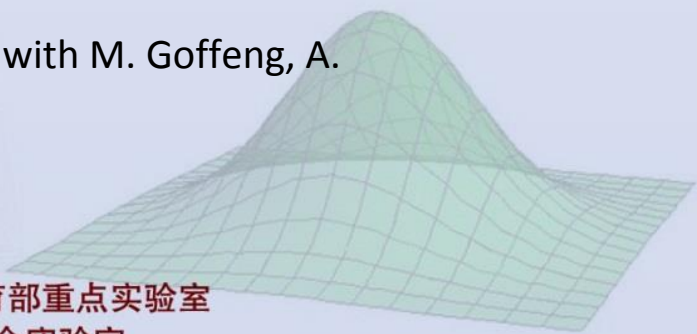
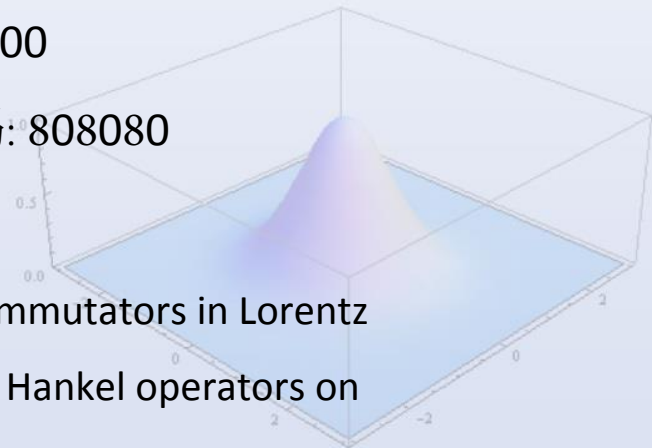
报告人: 张根凯 教授 (瑞典 Chalmers University of Technology)

时间: 2020-11-25 星期三 16:00-17:00

地点: 腾讯会议ID: 452 244 321, 密码: 808080

报告摘要:

We study Hankel operators and CZ commutators in Lorentz and weak trace classes. It is known that for Hankel operators on Bergman space on the unit disk the two classes coincide. We construct examples of CZ commutators on the torus which are in the weak trace ideal but not in the Lorentz ideal. We consider similar questions for Hankel operators on the Bergman and Hardy spaces on the unit ball. (Joint work with M. Goffeng, A. Usachev.)



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