



复旦大学数学科学学院 数学综合报告会

报告题目: Variation inequality and continuity of the two-dimensional discrete Hardy-Littlewood maximal function

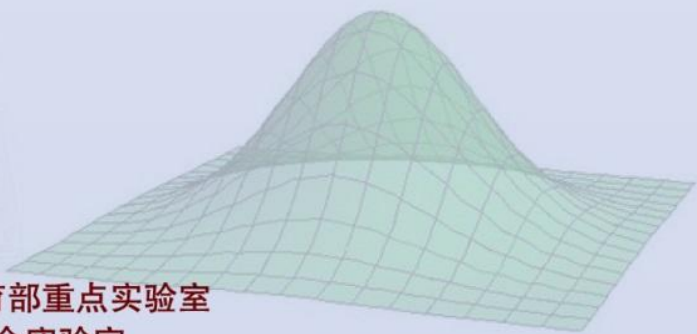
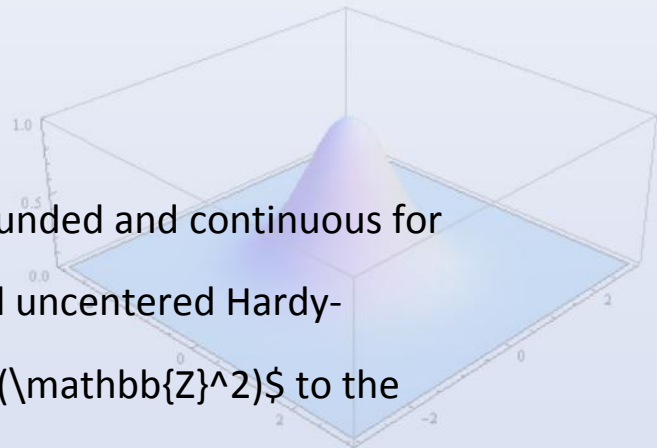
报告人: 赵发友 教授 (上海大学)

时间: 2021-05-29 星期六 15:00-16:00

地点: 光华楼东主楼1403

报告摘要:

In this talk, we shall introduce the bounded and continuous for the two-dimensional discrete centered and uncentered Hardy-Littlewood maximal functions from $\ell^1(\mathbb{Z}^2)$ to the space of functions of bounded variation $\mathrm{BV}(\mathbb{Z}^2)$. We also give explicit upper and lower bounds of operator norms.



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