



## 复旦大学数学科学学院 数学综合报告会

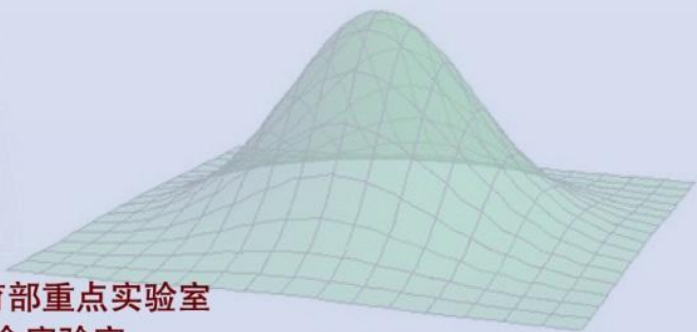
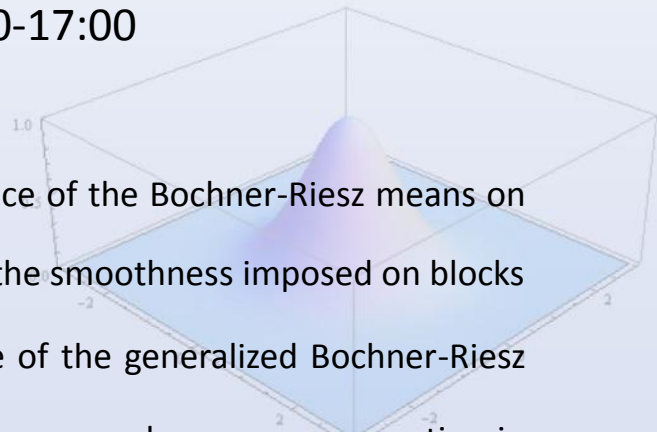
报告题目: **Almost everywhere convergence of Bochner-Riesz means on the block-Sobolev spaces**

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报告时间: 2015-11-26 星期四 16:00-17:00

报告地点: 光华东主楼 1501

摘要: In this talk, I will discuss the convergence of the Bochner-Riesz means on the block-Sobolev spaces. The relation between the smoothness imposed on blocks and the rate of almost everywhere convergence of the generalized Bochner-Riesz means at the critical index is given. The main theorem solves an open question in [S. Lu and S. Wang, Spaces generated by smooth blocks, *Constr. Approx.*, 8 (1992), no. 3, 331--341].



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