复旦大学数学科学学院
数 学 综 合 报 告 会
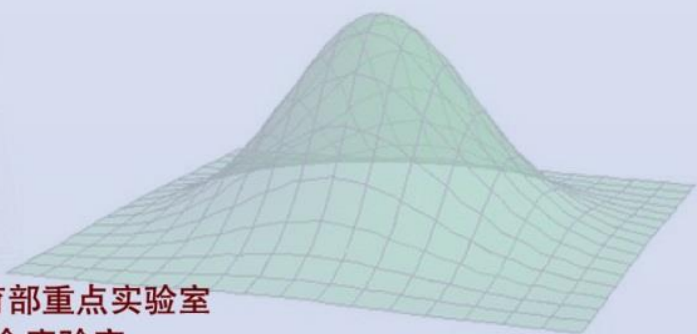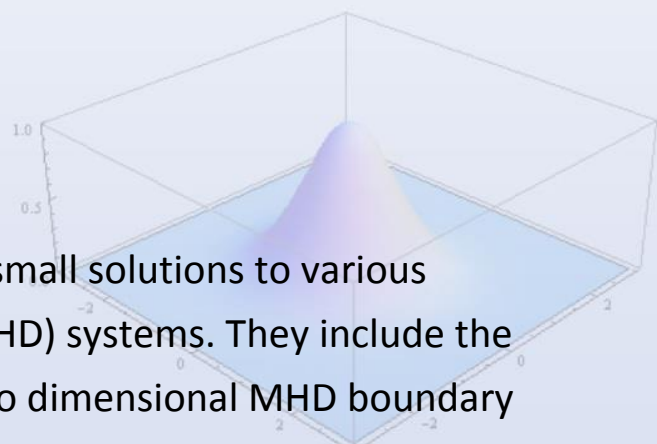
报告题目：Global solutions in the magnetohydrodynamics

报告人：蔡圆 (香港科技大学)

时间：2021-03-09 星期二 15:30

地点：光华东主楼2201

报告摘要：

We report our recent works on the global small solutions to various incompressible magnetohydrodynamic (MHD) systems. They include the MHD equations in the whole space, the two dimensional MHD boundary equations and the free boundary problem to the plasma-vacuum of the three dimensional axisymmetric incompressible MHD. These works are in part joint with Zhen Lei and Xumin Gu.

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