



## 复旦大学数学科学学院 数学综合报告会

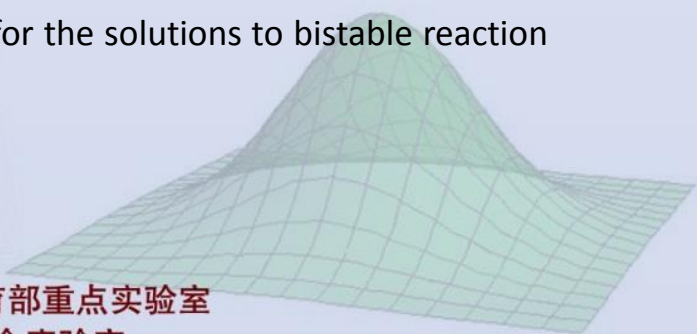
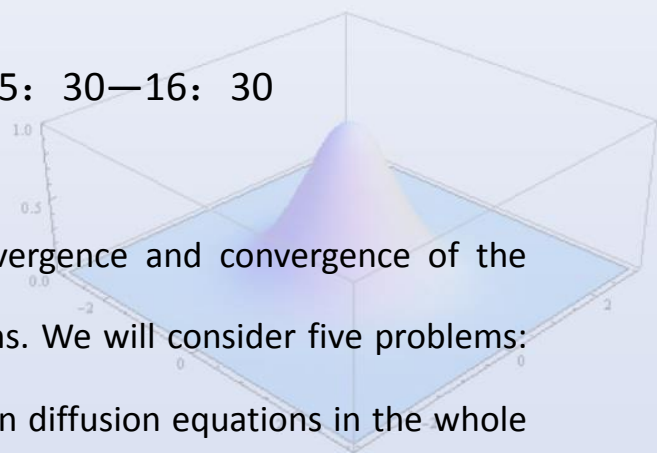
报告题目: Quasiconvergence and Convergence of Bounded Solutions to Parabolic Equations

报告人: 姜本东 教授 (上海师范大学)

报告时间: 2025 年 9 月 26 日星期五, 15: 30—16: 30

报告地点: 光华楼东主楼 1801 室

报告摘要: We will talk about the quasiconvergence and convergence of the solutions to one dimensional parabolic equations. We will consider five problems: parabolic equation in bounded intervals, reaction diffusion equations in the whole line, reaction diffusion equations with free boundaries, porous medium equations with reactions, and reaction diffusion equation in matric graphs. For each of them, we first give the general convergence of bounded solutions to steady states, and then specify the detailed asymptotic behavior for the solutions to bistable reaction diffusion equations.



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