



复旦大学数学科学学院 数学综合报告会

报告题目: Time Optimal Control for Some Ordinary Differential Equations with Multiple Solutions

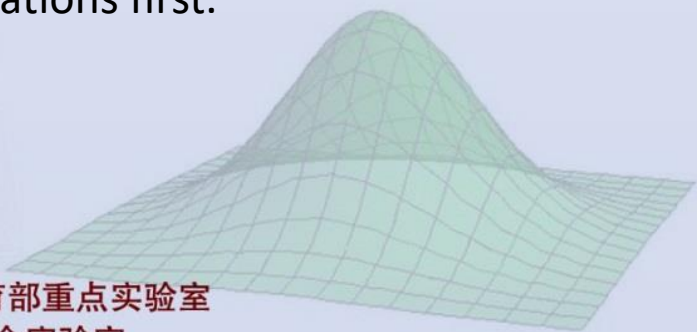
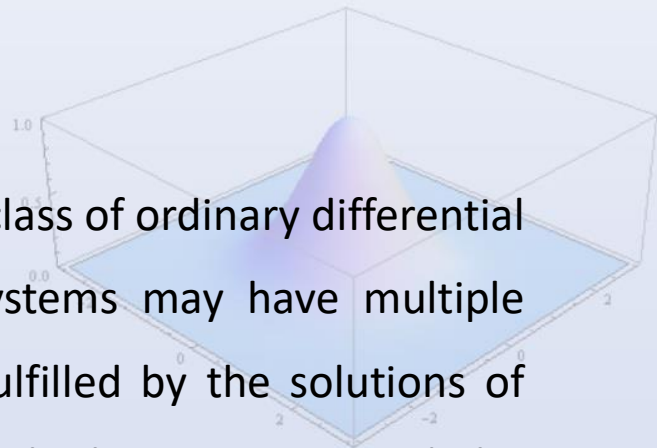
报告人: 栾姝 教授 (湛江师范大学)

时间: 2020-08-28 星期五 15:00-16:00

地点: 腾讯会议 ID: 638 591 674

报告摘要:

A time optimal control problem for a class of ordinary differential equations is studied. The control systems may have multiple solutions. Based on the properties fulfilled by the solutions of the concerned equations, we get both the existence and the Pontryagin maximum principle for optimal controls. Before introducing this problem, we will give a summary of research on optimal control for multisolution equations first.



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