



## 复旦大学数学科学学院 数学综合报告会

报告题目: Initial-boundary value problem of Maxwell field in asymptotic AdS space-time

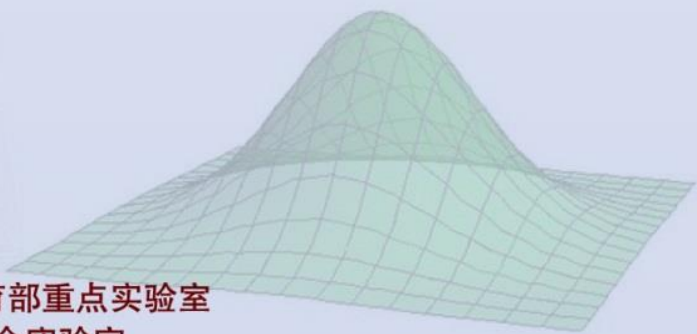
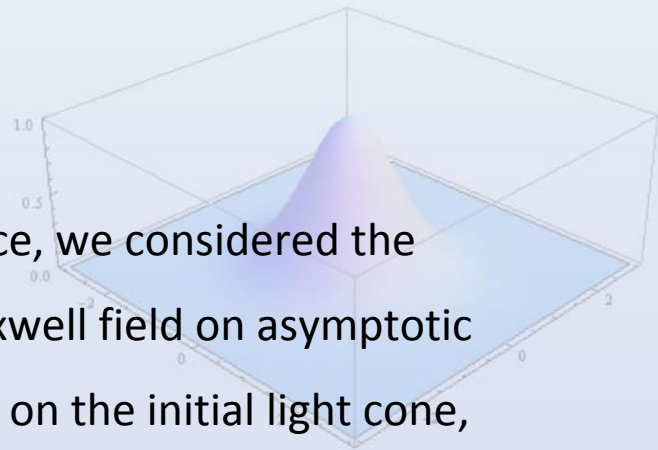
报告人: 吴小宁 (中国科学院数学与系统科学研究院)

时间: 2021-05-27 星期四 14:00-15:00

地点: 光华东主楼1601室

报告摘要:

Motivated by AdS/CFT correspondence, we considered the initial-boundary value problem of Maxwell field on asymptotic AdS space-time. The free data is given on the initial light cone, time-like boundary and conformal infinity. We obtain spacetime  $H^p$ -estimates and derive semi-global existence of solution of Maxwell field.



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