




复旦大学数学科学学院
数学综合报告会

报告题目：Sharp integral Ricci pinching on nonspherical three-manifolds

报告人：Guofang Wang 教授 (弗莱堡大学)

时间：2026-11-13 星期五 16:00-17:00

地点：光华楼东主楼1801

报告摘要：

On any nonspherical 3 dimensional manifold with positive scalar curvature, we establish an optimal geometric inequality, with equality if and only if it is locally isometric to the product of a round sphere and a line. The talk is based on a joint work with Wei Wei (Nanjing) and previous work with Yuxin Ge (Toulouse).

非线性数学模型与方法教育部重点实验室
中法应用数学国际联合实验室
上海市现代应用数学重点实验室
复旦大学数学研究所