



复旦大学数学科学学院 数学综合报告会

报告题目: Path space analysis, derivative and Bismut formulae for certain degenerate diffusions

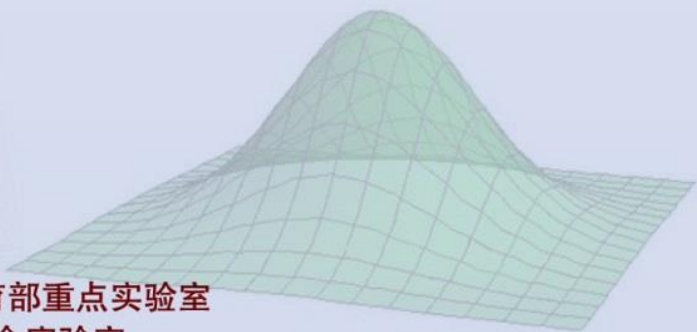
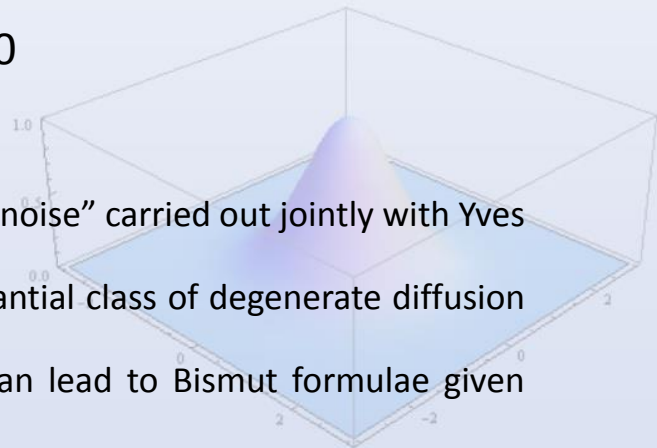
报告人: Prof. K.D. Elworthy

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时间: 2017-08-15 星期二 9:30-10:30

地点: 光华东主楼 1801

摘要: The path space analysis using “redundant noise” carried out jointly with Yves Le Jan & Xue-Mei Li covered the case of a substantial class of degenerate diffusion measures. I will review this and show how it can lead to Bismut formulae given strong Hormander conditions, with special reference to diffusions “transverse to a Riemannian foliation with totally geodesic leaves”, a concept which will be carefully explained.



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