



复旦大学数学科学学院 数学综合报告会

报告题目: **Uniqueness in the inverse boundary value problem for anisotropic elasticity**

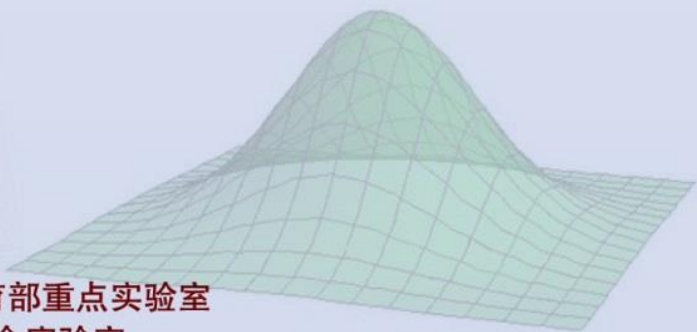
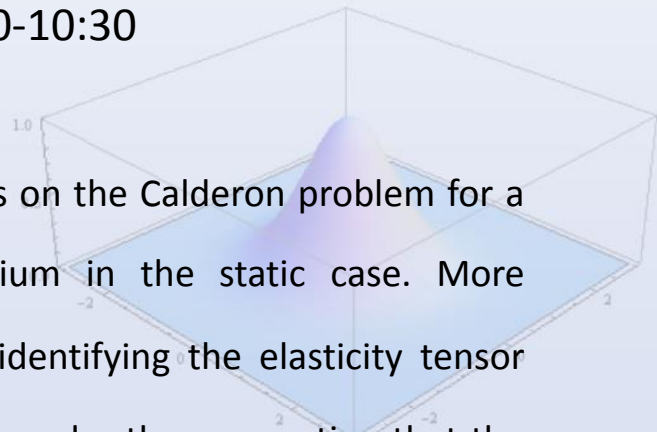
报告人: Professor Gen Nakamura

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报告时间: 2017-01-16 星期一 09:30-10:30

报告地点: 光华东主楼 1501

摘要: We will present a uniqueness results on the Calderon problem for a three dimensional anisotropic elastic medium in the static case. More precisely we will show the uniqueness for identifying the elasticity tensor from the localized Dirichlet to Neumann map under the assumption that the elasticity tensor is piecewise homogeneous with known curved interfaces. We will also touch the question about removing the assumption that the curved interfaces are known and generalization to piecewise analytic anisotropic tensor.



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