青年学术论坛邀请报告

报告人：孙锐然

单位：德国Mainz University

时间：10月13日（周四）16:05–17:00

邀请人：杜荣

地点：闵行数学楼401报告厅

题目：Viehweg's hyperbolicity conjecture in the case of compact base

摘要：Generalizing a classical conjecture of Shafarevich, Viehweg conjectured that if a manifold U is a base of a family of projective manifolds with semi-ample canonical sheaves and maximal variation then U is of log-general type. In this talk, I will explain how to use Viehweg-Zuo sheaf and Mori-Miyaoka theory to show the canonical line bundle of the base of the family is big, if the base space is compact. I will also explain the main difficulty of this method to prove Viehweg's conjecture for the case that the base is noncompact. Actually Mori's technique is unvalid in this case.

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