北京理工大學

数学与统计学院学术报告

Green-Griffiths-Lang Conjecture for Algebraic Varieties with Big Fundamental Groups

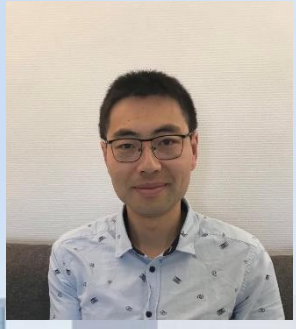
报告人： 邓亚 CNRS, Université de Lorraine

时间： 2023年9月7日(周四)，15:30-16:30

地点： 腾讯会议：606-131-884

摘要： The Green-Griffiths-Lang (GGL) conjecture asserts that any entire curve in a complex projective variety of general type cannot be Zariski dense. This conjecture fascinates many complex geometers, in part due to its arithmetic analogy with the Bombieri-Lang conjecture for rational points in algebraic varieties over number fields. In this talk I will report a recent work with Cadorel and Yamanoi, focusing on the proof of the generalized GGL conjecture for quasi-projective varieties whose topological fundamental groups possess a big and reductive representation into a complex general linear group.

个人简介：



邓亚2017年毕业于Grenoble大学傅立叶研究所，师从国际著名数学家，法国科学院院士Jean-Pierre Demailly教授。他的主要研究方向是多复分析和复几何，非阿贝尔霍奇理论，复代数几何等。近期主要研究工作是关于代数簇的双曲性的研究与Hodge理论的关系，主要集中在Green-Griffiths-Lang 猜想的一些进展。研究成果发表在Ann. Sci. Éc. Norm. Supér.、JEMS、Geom.Fuct.Anal.、Math. Ann.、Int. Math. Res. Not.上。

主办单位：北京理工大学数学与统计学院

School of Mathmatics and Statistics, Beijing Institute of Technology