



复旦大学数学科学学院 数学综合报告会

报告题目：数学所综合报告：The Non-Abelian Hodge correspondence

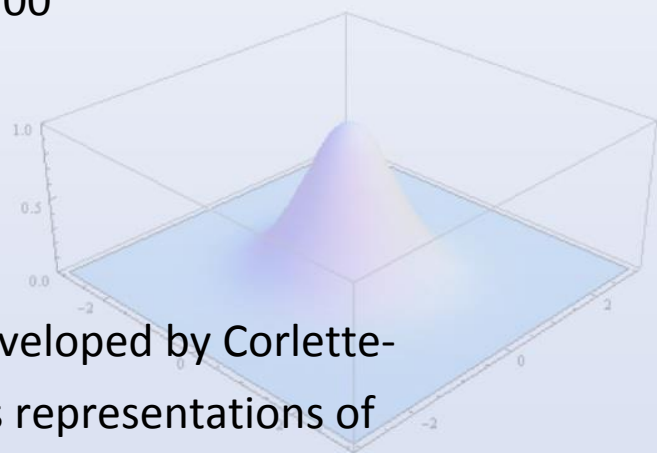
报告人：张希 教授 (中国科学技术大学)

时间：2021-03-23 星期二 10:00-11:00

地点：光华东主楼2201

报告摘要：

The non-abelian Hodge theory was developed by Corlette-Donaldson-Hitchin-Simpson, it bridges representations of fundamental group, flat bundles and Higgs bundles. In this talk, we introduce our recent works on semi-stable Higgs bundle and the existence of Poisson metric. As application, we established an extended non-abelian Hodge correspondence on the projectively flat bundles case and some non-Kähler case. These works are joint with Changpeng Pan and Chuanjing Zhang.



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