

THE UNIVERSITY



OF HONG KONG

*Institute of Mathematical Research
Department of Mathematics*

GEOMETRY SEMINAR

Picard group of the moduli of sheaves

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Abstract

In this talk, I will talk about a few existing results about Picard groups of moduli spaces of semistable sheaves, over algebraic curves as well as the rank 2 case over algebraic surfaces. Based on the related methods, I will briefly discuss how to obtain similar results for high rank cases over surfaces. This is a work in progress, conducted jointly with Jun Li, Howard Nuer and Xiaolei Zhao.

Date: November 7, 2017 (Tuesday)

Time: 4:00 - 5:00pm

Venue: Room 210, Run Run Shaw Bldg., HKU

All are welcome