



SCMS Seminar

STABILITY OF SYZGY BUNDLES ON VARIETIES OF PICARD NUMBER ONE

Speaker: Peng Ren
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Time: Mon, May 12th, 16:40- 17:10

Venue: Room 102, SCMS

Abstract:

The syzygy bundle is the kernel of the evaluation map of a globally generated ample line bundle. In this talk, I will first discuss the stability of syzygy bundles on varieties with Picard number one. Then, as an application, I will show the stability of syzygy bundles on hyperkähler varieties. This is a joint work with Chen Jiang.