STABILITY OF CERTAIN EXTRINSIC BUNDLES ON HYPERKÄHLER VARIETIES

Speaker: Peng Ren
Shanghai Center for Mathematical Sciences

Time：Tue, Nov. 5, 2024, 13:15-13:45
Venue: Room 102, SCMS

Abstract:

Given a polarization, we can embed a projective variety into a projective space. In this talk, I will discuss the stability of syzygy bundles and the normal bundle associated with a given embedding. Furthermore, we will consider the case of hyperkähler varieties.