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Title: Semistable sheaves with symmetric c_{1} on a quadric surface

Abstract:

For moduli spaces of sheaves with symmetric c_{1} on a quadric surface, we pursue analogy to some results known for moduli spaces of sheaves on a projective plane. We dene an invariant height, introduced by Drezet in the projective plane case, for moduli spaces of sheaves with symmetric c_{1} on a quadric surface and describe the structure of moduli spaces of height zero. If time permits, we also talk about effective cones of moduli spaces, and strange duality for height-zero moduli spaces. The content of the talk has already been published in Nagoya Math J. Vol 227 (2017).