Mathematics > Algebraic Geometry

Rank One Bridgeland Stable Moduli Spaces on A Principally Polarized Abelian Surface

Antony Maciocia, Ciaran Meachan

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We compute moduli spaces of Bridgeland stable objects on an irreducible principally polarized complex abelian surface corresponding to twisted ideal sheaves. We use Fourier-Mukai techniques to extend the ideas of Arcara and Bertram to express wall-crossings as Mukai flops and show that the moduli spaces are projective.

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