

Stanford Algebraic Geometry — Seminar —

SYZ FIBRATION FOR HYPER KÄHLER MANIFOLDS

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Abstract

In the talk first we will discuss the meaning of Large Radius Limit for Hyper-Kähler manifolds. Then we will show the relations between Large Radius Limit and Lagrangian fibrations of Hyper-Kähler manifolds. We will show the existence of Lagrangian fibrations for algebraic Hyper Kähler manifolds whose Picard group has rank two and contains an isotropic element.

Friday, February 4

3:15 p.m.

Room 383-N

<http://math.stanford.edu/~vakil/s0405/>