学术报告

Cubic fourfolds, noncommutative K3 surfaces and stability conditions

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Time：15:00-17:00, March 5 (Tuesday) 2019

Venue：Room 111, Center for Applied Mathematics

Abstract：We illustrate a new method to induce stability conditions on semiorthogonal decompositions and apply it to the Kuznetsov component of the derived category of cubic fourfolds. We use this to generalize results of Addington-Thomas about cubic fourfolds and to study the rich hyperkaehler geometry associated to these hypersurfaces. This is the content of joint works with Arend Bayer, Howard Nuer, Martí Lahoz, Emanuele Macrì and Alex Perry.

欢迎大家参加！