
Student Geometry Seminar

國立清華大學數學系 學生幾何研討會

講題 Introduction to Gromov-Witten theory

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Abstract

How do you count curves in a smooth variety? One approach is to study Gromov-Witten theory. Gromov-Witten invariants give a virtual count of the number of curves on a smooth projective variety with given conditions.

In this talk, I will introduce the moduli space of stable maps and the Gromov-Witten invariants. Then I will sketch a genus zero computation on P^2 .

