



FMSP Lectures

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March 22 (Wed) 13:00 ~ Room 117

Lecture 1:

Derived symplectic varieties and the Darboux theorem.

Abstract: I'll explain what a derived symplectic variety is, and a theorem (joint with Bouaziz) giving a normal form for derived symplectic varieties whenever certain obstructions vanish. (These obstructions always vanish locally).

Lecture 2:

The moduli of anti-canonically marked del Pezzo surfaces.

Abstract: I'll recall the classical theorem describing the above moduli space. This is well known to Mori theorists, but perhaps it is useful for representation theorists.