



THE WEIZMANN INSTITUTE OF SCIENCE
FACULTY OF MATHEMATICS AND COMPUTER SCIENCE

Algebraic Geometry and Representation Theory Seminar

Room 208 ,Elaine and Bram Goldsmith Building
on Monday, Nov 09, 2015
at 15:00

please note unusual day, time, room

Thomas Bitoun
University of Oxford

On p - support of an algebraic D-module

Abstract:

The p -support is a characteristic p variety attached to an algebraic D-module, for p large enough. It lives in the (Frobenius-twisted) cotangent space. We will discuss how it can be seen as a refined characteristic variety/singular support of the D-module. Further key words: Azumaya algebra, p -curvature.