
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, 2015at 15:00

please note unusual day, time, room
Thomas BitounUniversity 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.