THE WEIZMANN INSTITUTE OF SCIENCE
FACULTY OF MATHEMATICS AND COMPUTER SCIENCE
Algebraic Geometry and Representation Theory Seminar

Room 155 ,Ziskind Building
on Friday, Jan 04, 2019at 11:15

NOTE SPECIAL DAY
Vera Serganova Berkeley

Support varieties for supergroups

Abstract:

We define a functor from the category of representations of algebraic supergroups with reductive even part to the category of equivariant sheaves and show several applications of this construction to representation theory, in particular projectivity criterion, classification of blocks and computation of dimensions of irreducible representations.