Lie Groups and Representation Theory Seminar at the University of Tokyo

リー群論・表現論セミナー

DATE   July 1 (Tue), 2014, 16:30–18:00

PLACE   Room 126, Graduate School of Mathematical Sciences

SPEAKER   **Pablo Ramacher** (Marburg University)

TITLE   WONDERFUL VARIETIES. REGULARIZED TRACES AND CHARACTERS

ABSTRACT   Let G be a connected reductive complex algebraic group with split real form G^σ. In this talk, we introduce a distribution character for the regular representation of G^σ on the real locus of a strict wonderful G-variety X, showing that on a certain open subset of G^σ of transversal elements it is locally integrable, and given by a sum over fixed points.