

Lie Groups and Representation Theory Seminar at the University of Tokyo

リー群論・表現論セミナー

- DATE April 27 (Tue), 2010, 16:30–18:00
- PLACE Room 126, Graduate School of Mathematical Sciences
- SPEAKER **Yoshiki Oshima** (大島芳樹) (the University of Tokyo)
- TITLE Restriction of Vogan–Zuckerman’s derived functor modules to symmetric subgroups
- ABSTRACT We study the restriction of Vogan–Zuckerman derived functor modules $A_q(\lambda)$ to symmetric subgroups. An algebraic condition for the discrete decomposability of $A_q(\lambda)$ was given by Kobayashi, which offers a framework for the detailed study of branching law. In this talk, when $A_q(\lambda)$ is discretely decomposable, we construct some of irreducible components occurring in the branching law and determine their associated variety.