

Lie Groups and Representation Theory Seminar
at the University of Tokyo

リー群論・表現論セミナー

- DATE January 17 (Thu), 2008, 17:00–18:00
- PLACE Room 123, Graduate School of Mathematical Sciences
- SPEAKER **Katsuki Teduka** (手塚勝貴) (University of Tokyo)
- TITLE Proper actions of $SL(2, \mathbb{R})$ on irreducible complex symmetric spaces
- ABSTRACT We determine the irreducible complex symmetric spaces on which $SL(2, \mathbb{R})$ acts properly. We use the T. Kobayashi's criterion for the proper actions. Also we use the symmetry or unsymmetry of the weighted Dynkin diagram of the theory of nilpotent orbits.