

Winter School on Representation Theory of Real Reductive Groups

Graduate School of Mathematical Sciences
the University of Tokyo

February 15 (Sat) Room 122

13:00—14:00 T. Kobayashi

Real spherical manifolds, symmetry breaking operators, and Shintani functions

14:30—15:30 L. Barchini

Invariants attached to Harish-Chandra modules. I.

16:30—17:30 F. Januszewski

Algebraic Characters of Harish-Chandra modules and applications to branching problems 1. Motivation and general definition

February 16 (Sun) Room 122

13:00—14:00 L. Barchini

Invariants attached to Harish-Chandra modules. II

14:30—15:30 T. Kubo

The Dynkin index and parabolic subalgebras of Heisenberg type.

16:30—17:30 F. Januszewski

Algebraic Characters of Harish-Chandra modules and applications to branching problems. 2. fundamental properties of algebraic characters

February 17 (Mon) Room 122

9:00--10:00 H. Matumoto

Homomorphisms between scalar generalized Verma modules (SGVM) with regular infinitesimal characters

10:30--11:30 F. Januszewski

Algebraic Characters of Harish-Chandra modules and applications to branching problems. 3. applications to branching problems

February 18 (Tue) Room 126

10:00--11:00 T. Kobayashi

Discrete decomposable restrictions

11:30 --12:30 L. Barchini

Invariants attached to Harish-Chandra modules. III

Organizers: Toshiyuki Kobayashi

Toshihisa Kubo

Hisayosi Matumoto

Hideko Sekiguchi