Representation Theory and its Combinatorial Aspects RIMS, Kyoto University

- Date : October 28, 2019 (Mon) October 31, 2019 (Thu)
- Place : Research Institute for Mathematical Sciences, Kyoto University (Kitashirakawa Oiwake-cho, Sakyo-ku, Kyoto 606-8502, Japan)

October 28, 2019 (Mon)

- 13:15–14:00 Yuki Kanakubo (Sophia University)Adapted Sequence for Polyhedral Realization of Crystal Bases
- 14:15–15:00 Haruhisa Enomoto (Nagoya University)Bruhat inversions in the symmetric group and torsion-free classes over a typeA quiver
- 15:15–16:00 Koei Kawamura (Kyoto university) Representations of wreath products on a local field and multivariate Krawtchouk and Hahn polynomials
- 16:15–17:00 Takuma Hayashi (University of Tokyo) Half-integrality of the KGB decomposition for SL_3

October 29, 2019 (Tue)

- 09:30–10:15 Motohiro Ishii (Gunma University) Semi-infinite Young tableaux and its applications
- 10:30–11:15 Sho Matsumoto (Kagoshima University)Stanley character formulas for spin representations of symmetric groups
- 11:30–12:15 Masao Ishikawa (Okayama University)Distributive lattice of half-turn symmetric alternating sign matrices
- 13:15–14:00 Soichi Okada (Nagoya University)Explicit formula for birational rowmotion on shifted staircases

- 14:15–15:00 Dongsu Kim (Korea Advanced Institute of Science and Technology)A combinatorial bijection on k-noncrossing partitions
- 15:15–16:00 Motoki Takigiku (University of Tokyo) A proof of Nandi's conjecture
- 16:15–17:00 Ryo Ohkawa (Wasewda University)(-2) blow-up formula

October 30, 2019 (Wed)

- 09:30–10:15 Yuta Nishiyama (Kumamoto University) A generalized class equation of the symmetric group and its bijective proof
- 10:30–11:15 Hideya Watanabe (RIMS, Kyoto University) Alcove paths and Gelfand-Tsetlin patterns
- 11:30–12:15 Toya Hiroshima (Osaka City University)Queer Supercrystal Structure for Increasing Factorizations of Fixed-Point-FreeInvolution Words
- 13:15–14:00 Ayumu Hoshino (Hiroshima Institute of Technology)Brunching Rules for Koornwinder polynomials with One Column Diagrams and Matrix Inversions
- 14:15–15:00 Sota Asai (Kyoto University)The wall-chamber structures of the real Grothendieck groups for path algebras
- 15:15–16:00 Mamoru Ueda (Kyoto University) Coproduct for the Yangian of type $A_2^{(2)}$
- 16:15–17:00 Shoma Sugimoto (Kyoto University) On the Feigin-Tipunin conjecture

October 31, 2019 (Thu)

- 09:30–10:15 Noboru Ito (University of Tokyo) On the existence of a colored Khovanov bicomplex
- 10:30–11:15 Takafumi Kouno (Tokyo Institute of Technology)A generalization of Lakshmibai-Seshadri paths and Chevalley formula for arbitrary weights
- 11:30–12:15 Ryotarou Kawai (Okayama University of Science)Multiplicities of Schubert varieties in the flag varieties of classical types

Symposia (open), "Representation Theory and its Combinatorial Aspects"

Organized by Masao Ishikawa (Okayama University)