

LIST OF PAPERS

HIDEYA WATANABE

Publications

- (1) H. Watanabe and K. Yamamura, Alcove paths and Gelfand-Tsetlin patterns, *Ann. Comb.* 25 (2021), no. 3, 645–676.
- (2) H. Watanabe, Classical weight modules over ι quantum groups, *J. Algebra* 578 (2021), 241–302.
- (3) H. Watanabe, Global crystal bases for integrable modules over a quantum symmetric pair of type AIII, *Represent. Theory* 25 (2021), 27–66.
- (4) H. Bao, W. Wang, and H. Watanabe, Canonical bases for tensor products and super Kazhdan-Lusztig theory, *J. Pure Appl. Algebra* 224 (2020), no. 8, 106347, 9 pp.
- (5) Z. Fan, C. Lai, Y. Li, L. Luo, W. Wang, and H. Watanabe, Quantum Schur duality of affine type C with three parameters, *Math. Res. Lett.* 27 (2020), no. 1, 79–114.
- (6) H. Watanabe, Crystal basis theory for a quantum symmetric pair $(\mathbf{U}, \mathbf{U}^j)$, *Int. Math. Res. Not. IMRN* 2020, no. 22, 8292–8352.
- (7) H. Bao, W. Wang, and H. Watanabe, Multiparameter quantum Schur duality of type B, *Proc. Amer. Math. Soc.* 146 (2018), 3203–3216.
- (8) S. Naito and H. Watanabe, A combinatorial formula expressing periodic R -polynomials, *J. Combin. Theory Ser. A* 148 (2017), 197–243.

Preprints

- (1) H. Watanabe, Crystal bases of modified ι quantum groups of certain quasi-split types, arXiv:2110.07177.
- (2) H. Watanabe, A new tableau model for irreducible polynomial representations of the orthogonal group, arXiv:2107.00170.
- (3) H. Watanabe, Based modules over the ι quantum group of type AI, arXiv:2103.12932.