

## LIST OF PAPERS

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### Publications

- (1) H. Watanabe, Classical weight modules over  $q$ -quantum groups, arXiv:1912.11157, to appear in J. Algebra.
- (2) H. Watanabe, Global crystal bases for integrable modules over a quantum symmetric pair of type AIII, Represent. Theory 25 (2021), 27–66.
- (3) 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.
- (4) 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.
- (5) H. Watanabe, Crystal basis theory for a quantum symmetric pair  $(\mathbf{U}, \mathbf{U}^j)$ , Int. Math. Res. Not. IMRN 2020, no. 22, 82928352.
- (6) H. Bao, W. Wang, and H. Watanabe, Multiparameter quantum Schur duality of type B, Proc. Amer. Math. Soc. 146 (2018), 3203–3216.
- (7) 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, Based modules over the  $q$ -quantum group of type AI, arXiv:2103.12932.
- (2) H. Watanabe and K. Yamamura, Alcove paths and Gelfand-Tsetlin patterns, arXiv:1909.00327.