

Workshop on Representation Theory, Geometry & Combinatorics

Organizer: Mark Haiman

Monday June 2–Friday June 6, 9:30–5:00pm, Bechtel 120ABC

Yasuhide Numata, Wakkanai Hokusei Gakuen University

On a bijective proof for a factorization formula of modified Macdonald polynomials

The subject of this talk is a factorization formula for the special values of modified Macdonald polynomials at roots of unity. We give a combinatorial proof of the formula, via a result by Haglund-Haiman-Leohr, for some special classes of partitions, including two column partitions.