ICECA
International Conference
Enumerative Combinatorics and Applications
University of Haifa – Virtual – August 25-27, 2025

# A PROBABILISTIC BIJECTION FOR NON-ATTACKING FILLINGS

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Non-attacking fillings are combinatorial objects central to the theory of Macdonald polynomials. We introduce a probabilistic bijection for composition-shaped non-attacking fillings that enables the swapping of entries between pairs of columns of the same height. As our main result, we prove a symmetry theorem for permuted-basement Macdonald polynomials, generalizing a result of Alexandersson (2019).

This is a joint work with Guilherme Zeus Dantas e Moura.