

Workshop on Interactions Between
Algebraic Combinatorics and Algebraic Geometry
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Tableau combinatorics of dual equivalence and its generalizations

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Abstract

The notion of dual equivalence of tableaux originates with Mark Haiman. It provides one way of understanding the combinatorial underpinnings of the jeu de taquin formulation of the Littlewood-Richardson rule. I will discuss the generalizations of dual equivalence and jeu de taquin to the (co)minuscule setting, and to the setting of Grassmannian K -theory.

This talk is based on joint work with Alex Yong, partially contained in [arXiv:math/0701215](https://arxiv.org/abs/math/0701215).