
* **UCLA Combinatorics Seminar** *

Date: Thursday, April 7, 1.50-2.50 in Room 5217

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Skew Pieri rules

Abstract

Multiplication of symmetric functions is in general given by the Littlewood-Richardson rule. While this rule is complicated, its special case, the Pieri rule, is very simple and has an elegant combinatorial proof that extends to skew functions as well. Time permitting, I will also mention the extensions of this rule (some of them conjectural) to rules for multiplication of Hall-Littlewood polynomials.

The talk will assume no background in symmetric functions