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# Dual Immaculate Quasisymmetric Functions Expand Positively into Young Quasisymmetric Schur Functions

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## Abstract

We describe a combinatorial formula for the coefficients when the dual immaculate quasisymmetric functions are decomposed into Young quasisymmetric Schur functions. We prove this using an analogue of Schensted insertion. We also provide a Remmel-Whitney style rule to generate these coefficients algorithmically.

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