The Littlewood-Richardson Rule, and Related Combinatorics

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Abstract

An introduction is given to the Littlewood-Richardson rule, and various combinatorial constructions related to it. We present a proof based on tableau switching, dual equivalence, and coplactic operations. We conclude with a section relating these fairly modern techniques to earlier work on the Littlewood-Richardson rule.

Table of Contents

0	Introduction		96
1	Form	ormulation of the Littlewood-Richardson rule	
	1.1	Symmetric polynomials and partitions	97
	1.2	Semistandard tableaux and Schur polynomials	98
	1.3	Skew shapes, and skew Schur polynomials	101
	1.4	Littlewood-Richardson tableaux	102
	1.5	Pictures and reading orders	
2	Tableau switching and jeu de taquin		108
	2.1	Chains in the Young lattice and standardisation	
	2.2	Tableau switching and jeu de taquin	
	2.3	Jeu de taquin equivalence and dual equivalence	
	2.4	Confluence of jeu de taquin	
	2.5	An alternative Littlewood-Richardson rule	117
3	Coplactic operations		119
	$3.\overline{1}$	Coplactic operations on words	
	3.2	Coplactic operations on tableaux	
	3.3	The main theorem: commutation	
	3.4	Jeu de taquin on companion tableaux	
4	Some historical comments		134
	4.1	The paper by Littlewood and Richardson	
	4.2	The paper by Robinson	
	4.3	Later developments	
	Refe	erences	143