

**Wachs, Michelle L.**

**Flagged Schur functions, Schubert polynomials, and symmetrizing operators.** (English)

Zbl 0579.05001

J. Comb. Theory, Ser. A 40, 276-289 (1985).

The author has shown that any flagged Schur function can be obtained by applying a sequence of symmetrizing operators to some monomial. A new inductive proof of the Jacobi-Trudi identity has also been obtained by studying the effect of these above operators.

Reviewer: [B.M.Agrawal](#)

**MSC:**

[05A05](#) Permutations, words, matrices  
[05A19](#) Combinatorial identities, bijective combinatorics  
[20C30](#) Representations of finite symmetric groups

Cited in **5** Reviews  
Cited in **42** Documents

**Keywords:**

flagged Schur function; monomial; Jacobi-Trudi identity

**Full Text:** [DOI](#)

**References:**

- [1] [{\scI. Gessel}](#), Determinants and plane partitions, preprint.
- [2] [Lascoux, A](#); [Schutzenberger, M](#), Géométrie algébrique-polynômes de Schubert, C. R. acad. sci. Paris, 294, 447-450, (1982) · [Zbl 0495.14031](#)
- [3] [MacDonald, I.G.](#), Symmetric functions and Hall polynomials, (1979), Oxford Univ. Press (Clarendon) London/New York · [Zbl 0487.20007](#)
- [4] [Stanley, R.P](#); [Stanley, R.P](#), Theory and application of plane partitions, I, II, Stud. appl. math., Stud. appl. math., 50, 259-279, (1971) · [Zbl 0225.05012](#)
- [5] [Stanley, R.P](#), On the number of reduced decompositions of elements of Coxeter groups, Europ. J. combinatorics, 5, 359-372, (1984) · [Zbl 0587.20002](#)

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