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*Restricting projective representations of symmetric and alternating groups
to Young subgroups*

Let $S(n)$ denote the twisted group algebra of the symmetric group S_n over a field of characteristic ≥ 3 . We are interested in the irreducible $S(n)$ -modules that remain irreducible when restricted to subalgebras of the form $S(n-k) \otimes S(k)$. We exploit recent work of Brundan and Kleshchev on the representation theory of affine and finite Sergeev superalgebras.