1014-05-738  Jim Haglund* (jhgglund@math.ohio-state.edu), M. Haiman and N. Loehr. The combinatorics of type A nonsymmetric Macdonald polynomials.

We discuss a recent combinatorial formula of ours for the type A nonsymmetric Macdonald polynomials, which is a generalization of an earlier formula of ours for the symmetric Macdonald polynomials. The formula involves extensions of the permutation statistics inv and maj. (Received September 23, 2005)