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Sami Assaf* (shassaf@usc.edu), 3620 S. Vermont Ave, Los Angeles, CA 90089. *Nonsymmetric Macdonald polynomials and Demazure characters.*

We prove that nonsymmetric Macdonald polynomials specialized at $t=0$ expand as a positive graded sum of Demazure characters, and that the coefficients in the expansion give a refinement of the Kostka–Foulkes polynomials. (Received August 14, 2017)