1176-05-268　　　　**Jason Saied*** (`jjs435@scarletmail.rutgers.edu`). *Properties of Sahi, Stokman, and Venkateswaran's generalization of Macdonald polynomials.*

SSV polynomials are a recent generalization of Macdonald polynomials, due to Sahi, Stokman, and Venkateswaran, which are constructed using their new "quasi-polynomial" representation of the double affine Hecke algebra. These polynomials are of interest because they simultaneously generalize Macdonald polynomials and Iwahori Whittaker functions associated to metaplectic covers of reductive p-adic groups. We will discuss the generalizations of several results for Macdonald polynomials to the setting of SSV polynomials, including Ram and Yip's alcove walk formula, Yip's Littlewood-Richardson rule, and the connection with Whittaker functions. (Received January 24, 2022)