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George David Nasr* (george.nasr@huskers.unl.edu). *A Combinatorial Formula for Kazhdan-Lusztig Polynomials of Sparse Paving and Thagomizer Matroids.*

We will discuss our combinatorial formula for the coefficients of Kazhdan-Lusztig polynomials for sparse paving matroids, which uses skew Young tableaux. We also show recent progress in extending these tableaux-inspired interpretations to Kazhdan-Lusztig polynomials for thagomizer matroids. (Received August 11, 2021)