

Newton polytopes of Stanley symmetric polynomials

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Stanley symmetric functions arose in the study of the number of reduced decompositions of permutations, and later they were found to be stable limits of Schubert polynomials. In this talk, I will discuss the Minkowski sum decomposition of Newton polytopes of Stanley symmetric polynomials, as well as related polynomials. This talk is based on my joint work with Bo Wang, Candice Zhang, Philip Zhang, and Zhong-Xue Zhang.

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