Hankel-total-positivity of row-generating polynomials of combinatorial triangles

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Abstract

Total positivity of matrices is a powerful tool and has many applications in different branches of mathematics. Hankel-total-positivity of sequences can characterize the Stieltjes Moment Problems and implies log-convexity. In this talk, we will report some results for (coefficientwise) Hankel-total-positivity of combinatorial polynomials.

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