
Discrete Analysis Seminar

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Lecture hall graphs and the Askey scheme

We establish, for every family of orthogonal polynomials in the Askey scheme and the q -Askey scheme, a combinatorial model for mixed moments and coefficients in terms of paths on the lecture hall lattice. This generalizes to all families of orthogonal polynomials in the Askey scheme previous results of Corteel and Kim for the little q -Jacobi polynomials. This is joint work with Sylvie Corteel, Bhargavi Jonnadula, and Jon Keating.

Date: 29th November, 2023

Time: 5:00pm – 6:00pm

Location: 254, Science Building



연세대학교 수학기산학부

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