Combinatorics of orthogonal polynomials in the *q*-Askey scheme

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Combinatorics of orthogonal polynomials have been studied from 1980's. There are various combinatorial interpretations for important orthogonal polynomials and their properties. Orthogonal polynomials in q-Askey scheme have q-factorials in their terms and coefficients. A nice combinatorial model to handle q-factorials has been introduced in *Lecture hall graphs and the Askey scheme, by* S. Corteel, B. Jonnadula, J. Keating, J. Kim, arXiv:2311.12761v2. This talk is a history of the combinatorics of orthogonal polynomials up to the above paper.