

# Solutions of convex Bethe Ansatz equations and the zeros of (basic) hypergeometric orthogonal polynomials

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Via the solutions of systems of algebraic equations of Bethe Ansatz type, we arrive at bounds for the zeros of orthogonal (basic) hypergeometric polynomials belonging to the Askey-Wilson scheme.

*Based on joint work with Erdal Emsiz, Pontificia Universidad Católica de Chile.*