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**Alexander Berkovich\*** ([alex@uf1.edu](mailto:alex@uf1.edu)), University of Florida, Dept of Mathematics, Little Hall 496, Gainesville, FL 32601. *On the refined  $q$ -trinomial coefficients.*

Doubly bounded refinement of the  $q$ -trinomial coefficients of Andrews were first introduced by Warnaar in 2003 in his work on the generalized Borwein conjecture. In this talk I discuss new transformation properties of these coefficients. These properties can be used to derive many new doubly bounded polynomial identities of the Rogers-Ramanujan type. In particular, doubly bounded refinement of Berkovich, McCoy and Orrick (1996) identities were obtained this way. This talk is based on my recent joint work with Toh and Warnaar.

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