



**QUANTIZED CHEBYSHEV POLYNOMIALS OF THE
THIRD AND FOURTH KINDS**

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Abstract

We define the n th quantized Chebyshev polynomials of the third and fourth kinds according to the idea [G. Dupont, Quantized Chebyshev polynomials and cluster characters with coefficients, *Journal of Algebraic Combinatorics* 31(4) (2010), 501-532] in the cases of the first and second kinds.

Keywords and phrases: quantized Chebyshev polynomials, Chebyshev polynomials of the third and fourth kinds.

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