

SPECIAL q-CHEBYSHEV POLYNOMIALS OF THE THIRD AND FOURTH KINDS

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Abstract

We define special q-Chebyshev polynomials of the third and fourth kinds according to the idea [J. Cigler, Some remarks about q-Chebyshev polynomials and q-Catalan numbers and related results, preprint] in the cases of the first and second kinds.

Keywords and phrases: special *q*-Chebyshev polynomial, Chebyshev polynomials of the third and fourth kinds.

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