



ON CHEBYSHEV-LIKE POLYNOMIALS

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Abstract

Cesarano [C. Cesarano, Identities and generating functions on Chebyshev polynomials, Georgian Mathematical Journal 19 (2012), 427-440], [C. Cesarano, Generalized Chebyshev polynomials, Hacet. J. Math. Stat. 43(5) (2014), 731-740] have written the first and second kind Chebyshev polynomials by using the Hermite polynomials and defined a Chebyshev like polynomial $W(x)$. We define another Chebyshev-like polynomial $S(x)$ by similar method.

Keywords and phrases: Chebyshev-like polynomial, Hermite polynomial.

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