



Chebyshev-Like Polynomials

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Received July 11, 2019

Abstract

In [T. Takebayashi, On Chebyshev-like polynomials, *Pioneer J. Math. Math. Sci.* 26(1) (2019), 17-21], we defined a Chebyshev-like polynomial $S_n(x)$ according to the idea of C. 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], [C. Cesarano, Multi-dimensional Chebyshev polynomials: a non-conventional approach, *Commun. Appl. Ind. Math.* 10(1) (2019), 1-19]. Further, we define other Chebyshev-like polynomials in those concepts.

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

Pioneer Journal
of Mathematics
and Mathematical
Sciences



Pioneer Scientific
Publisher