



Study of Levy-Meixner Appell Polynomials via Fractional Calculus Operators

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Abstract

This paper introduces a new class of generalized polynomials, known as the fractional Lévy-Meixner Appell polynomials, associated with the fractional Lévy-Meixner distribution. It also investigates the connection between these novel polynomials and the orthogonal Bell polynomials.

Keywords: Bell polynomials, fractional Lévy-Meixner distribution, fractional Lévy-Meixner Appell polynomials.

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