



**REPRESENTATION OF THE LIE ALGEBRA $G(0, 1)$
AND TRUNCATED POLYNOMIALS $[_2]e_n(x|y)$**

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Abstract

In [G. Dattoli, C. Cesarano and D. Sacchetti, A note on truncated polynomials, Appl. Math. Comput. 134(2-3) (2003), 595-605], Dattoli et al. defined the truncated polynomials $[_2]e_n(x|y)$. Using them, we give a representation of the Lie algebra $G(0, 1)$.

Keywords and phrases: Lie algebra $G(0, 1)$, truncated polynomials.

