



**REPRESENTATION OF LIE ALGEBRA  $T_3$   
AND TWO-INDEX TRICOMI-BESSEL  
FUNCTIONS**

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**Abstract**

G. Dattoli [G. Dattoli, Bilateral generating functions and operational methods, J. Math. Anal. Appl. 269(2) (2002), 716-725] defined the two-index Tricomi-Bessel functions. Using them, we give a representation of the Lie algebra  $T_3$ .

**Keywords and phrases:** Lie algebra  $T_3$ , two-index Tricomi-Bessel functions.

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