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CERTAIN PROPERTIES OF GENERALIZED M -SERIES ASSOCIATED WITH FRACTIONAL CALCULUS

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Abstract

Author calculates the certain relation between Generalized M -Series and Riemann-Liouville Fractional Integral and Derivatives. It has been shown that the Fractional Integration and Differentiation operator transform such functions with power multipliers into the function of the same form. Some particular cases are also evaluated.

Key Words : *Generalized M -Series, Mittag-Leffler function, Generalized Hypergeometric Function, Fractional Calculus Operator.*

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