Certain Fractional (p, q)-Derivative Formula for the (p, q)-Analogue of Multivariable Prathima's I-function

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ABSTRACT

In this paper, we introduce and define the (p, q) - analogue of the modified multivariable Prathima's *I*- function and we calculate the image of this function by the (p, q) - analogue derivative fractional operator. Several corollaries concerning the (p, q)-analogue of multivariable H-function, (p, q)-analogue of *I*-function of two variables, (p, q)-analogue of H-function of two variables, (p, q)-analogue of *I*-function of one variable, (p, q)-analogue of H-function of one variable are also given.

Keywords: Multiple Mellin-Barnes contour integrals, (p, q)-analogue of multivariable *I*-function, (p, q)-analogue of multivariable H-function

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