AN INTEGRAL INVOLVING I-FUNCTION OF SEVERAL COMPLEX VARIABLES

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Abstract - The aim of the present paper is to find an interesting integral involving I-function of several complex variables. The result is derived with the help of a theorem given by Gupta K C and Agarwal S M in their paper entitled "Substitution theorems for integral transforms with symmetric kernels". We obtain the Laplace transform of I-function of several complex variables as preliminary result.

Index Terms - Laplace Transform, I-function, Incomplete Gamma function, Mellin-Barnes integrals, H-function.

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