International Journal of Applied Mathematics & Statistical Sciences (IJAMSS)
ISSN(P): 2319-3972; ISSN(E): 2319-3980
Vol. 3, Issue 5, Sep 2014, 1-8
© IASET



INTEGRALS PERTAINING TO I-FUNCTIONS

ALOK BHARGAVA¹, AMBER SRIVASTAVA² & ROHIT MUKHERJEE³

¹Department of Mathematics, Poornima University, Jaipur, Rajasthan, India ^{2,3}Department of Mathematics, Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur, Rajasthan, India

ABSTRACT

In this paper, certain integrals involving product of the I- function and Fox - Wright's Generalized Hypergeometric Function have been established. Being unified and general in nature, these integrals yield a number of known and new results as particular cases. For the sake of illustration, some special cases are also recorded here.

KEYWORDS: Fox - Wright's Generalized Hypergeometric Function, I-function