SOME NEW RESULTS RELATED TO A CLASS
OF GENERALIZED HURWITZ ZETA FUNCTION

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Abstract. In this paper, we establish some new results associated with a class of functions (related to Hurwitz-Lerch zeta function) defined and introduced by Raina and Chhajed in [Acta Math. Univ. Comenianae, 73 (2004), 89-100]. Among the results obtained are the series representation, generating function relationship and their corresponding multidimensional extensions. Some reduced cases of our results are also discussed.

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