

## ON SOME KOBER FRACTIONAL $q$ -INTEGRAL OPERATOR OF THE BASIC ANALOGUE OF THE $\overline{H}$ -FUNCTION

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### Abstract

In the present paper an expansion formulae for a basic analogue  $\overline{H}$ -function have been derived by the applications of the  $q$ -Leibniz rule for the type  $q$ -derivatives of a product of two functions. Expansion formulae involving a basic analogue of Fox's  $H$ -function, Meijer's  $G$ -function and MacRobert's  $E$ -function have been derived as special cases of the main results.

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