## On an unified reduction formula for Srivastava's triple hypergeometric series F(3)[x, y, z]

## ABSTRCT

Very recently, by applying the so-called Beta integral method to the Henrici's triple product formula for the generalized hypergeometric series, Choi, et al.[Commun. Korean Math. Soc. 28(2013), No.2, pp. 297-301] have obtained an interesting reduction formula for the Srivastava's triple hypergeometric series  $F^{(3)}[x,y,z]$ . The aim of this short note is to provide a unified reduction formula for the Srivastava's triple hypergeometric series are striple hypergeometric series from which as many new reduction formulas (including the one obtained by Choi, etal.) as desired can be deduced. A few interesting special cases have also been given.

**Keyword:** Generalized hypergeometric function pFq; Gamma function; Pochhammer symbol; Beta integral; Srivastava's triplehypergeometric series  $F^{(3)}[x,y,z]$ , Henrici's formula.