A Generalised Kummer-Type Transformation for the $pF_p(x)$ Hypergeometric Function

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Abstract. In a recent paper, Miller derived a Kummer-type transformation for the generalised hypergeometric function $pF_p(x)$ when pairs of parameters differ by unity, by means of a reduction formula for a certain Kampé de Fériet function. An alternative and simpler derivation of this transformation is obtained here by application of the well-known Kummer transformation for the confluent hypergeometric function corresponding to $p = 1$.

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