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Lev A Borisov and **R Paul Horja*** (horja@math.okstate.edu). *The better behaved version of the GKZ hypergeometric system.*

A version of the generalized hypergeometric system introduced by Gelfand, Kapranov and Zelevinski will be defined. In this definition, the underlying lattice is replaced by a finitely generated abelian group. Moreover, the rank of the better behaved GKZ hypergeometric system is always the expected one. (Received August 30, 2011)