1100-33-320   **Victor H Moll*** (`vhm@tulane.edu`), Department of Mathematics, Tulane University, New Orleans, LA 70118, and **Christophe Vignat** (`cvignat@tulane.edu`), Department of Mathematics, Tulane University, New Orleans, LA 70118. *Probabilistic proofs of identities for Special Functions.*

A variety of identities in Special Functions, involving sums and integrals of classical functions, may be established by identifying the components of the identity in terms of moments of a random variable. A selection of examples is presented. (Received February 10, 2014)