

1108-05-415

Rafael S. González D'León* (rafaeldleon@uky.edu), University of Kentucky, Lexington, KY 40506. *A family of symmetric functions associated with Stirling permutations.* Preliminary report.

We present exponential generating function analogues to two classical identities involving the ordinary generating function of the complete homogeneous symmetric function. After a suitable specialization the new identities reduce to identities involving the first and second order Eulerian polynomials. These results led us to consider a family of symmetric functions associated with the *Stirling permutations* introduced by Gessel and Stanley. (Received January 19, 2015)