Khristo N. Boyadzhiev, Power sum identities with generalized Stirling numbers, Fibonacci Quart. **46/47** (2008/2009), no. 4, 326–331.

Abstract

We prove several combinatorial identities involving Stirling functions of the second kind with a complex variable. The identities also involve Stirling numbers of the first kind, binomial coefficients and harmonic numbers.