A symbolic operator approach to several summation formulas for power series. II. (English)

Zbl 1152.05304


A kind of symbolic operator method is expanded here that can be used to construct many transformation formulas and summation formulas for various types of power series including some old ones and more new ones.

MSC:
05A15 Exact enumeration problems, generating functions
65B10 Numerical summation of series
33C45 Orthogonal polynomials and functions of hypergeometric type (Jacobi, Laguerre, Hermite, Askey scheme, etc.)
39A70 Difference operators
41A80 Remainders in approximation formulas

Keywords:
symbolic operator; power series; generalized Eulerian fractions; Stirling number of the second kind

Full Text: DOI Link

References:


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