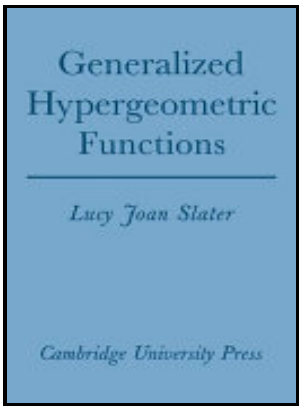
Generalized hypergeometric series.

Hafner - Generalized hypergeometric distribution and its applications on univalent functions



Description: -
-Generalized hypergeometric series.
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Mémoires publiés par les membres de lInstitut français darchéologie orientale du Caire -- t. 46
Cambridge tracts in mathematicsand mathematical physics -- No. 32Generalized hypergeometric series.
Notes: Originally published in 1935 by Cambridge U.P.
This edition was published in 1972

Tags: #Calculation #of #Generalized #Hypergeometric #Series, #Journal #of #the #ACM #(JACM)

Calculation of Generalized Hypergeometric Series, Journal of the ACM (JACM)

This chapter describes the hypergeometric series and functions as periods of exponential modules.

closed form

Mathematik 15, 39-83 and 127-172, 1837. The univariate generalized Waring distribution in relation to accident theory: proneness, spells or contagion.

Hypergeometric series

It is customary to factor out the leading term, so β 0 is assumed to be 1.

Hypergeometric function

The first one was derived in the previous paragraph. Oxford, England: Clarendon Press, 1990. Another generalization, the , are those series where the ratio of terms is an a doubly periodic of n.

[PDF] Generalized hypergeometric series

The series 1F 1 Main article: The functions of the form are called confluent hypergeometric functions of the first kind, also written. Up to constant factors and scaling, these are the Jacobi polynomials. Their importance and role can be understood through the following example: the hypergeometric series 2F 1 has the as a special case, and when considered in the form of , these polynomials reflect, in a certain sense, the symmetry properties of the two-sphere or, equivalently, the rotations given by the Lie group.

Generalized hypergeometric series. (1964 edition)

The Hypergeometric Series 1 Generalization of the. Not to be confused with. Some approximations to the multivariate hypergeometric distribution with applications to hypothesis testing.

Hypergeometric function

A generalization, the q-series analogues, called the basic hypergeometric series, were given by Eduard Heine in the late nineteenth century. Applications include U n+1 transformation and expansion formulas, and a U n+1 extension of a q-analogue of Abel's Binomial Theorem.

R: Generalized hypergeometric distributions

To learn more, see our. Further work would be required to implement this.

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