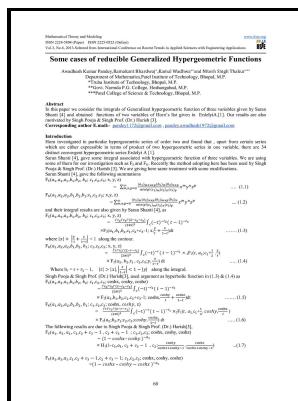


Generalized hypergeometric series.

Hafner - Generalized Bibasic Hypergeometric Series and Their $U(n)$ Extensions



Description: -

-Generalized hypergeometric series.

-

6

Officina di lettere ;

Changbai cong shu yan jiu xi lie -- 12

Mémoires publiés par les membres de l'Institut français d'archéologie orientale du Caire -- t. 46

Cambridge tracts in mathematics and mathematical physics -- No.

32 Generalized hypergeometric series.

Notes: Originally published in 1935 by Cambridge U.P.

This edition was published in 1972



Filesize: 65.32 MB

Tags: #Book:W.N. #Bailey/Generalized #Hypergeometric #Series

closed form

Use MathJax to format equations. If a is a positive integer, the independent solution is given by the appropriate Bessel function of the second kind. Identities For identities involving the Gauss hypergeometric function ${}_2F_1$, see hypergeometric function.

Generalized hypergeometric distribution and its applications on univalent functions

During the twentieth century this was a fruitful area of combinatorial mathematics, with numerous connections to other fields. Encyclopedia of Mathematics and Its Applications. These are sometimes called Gauss' hypergeometric functions, classical standard hypergeometric or often simply hypergeometric functions.

Hypergeometric series

Hypergeometric series were generalised to several variables, for example by ; but a comparable general theory took long to emerge. From the differentiation formulas given above, the linear space spanned by and contains each of ,. The standard notation for this series is or Using the rising factorial or ; this can be written Note that this use of the Pochhammer symbol is not standard, however it is the standard usage in this context.

An approximation to the generalized hypergeometric distribution

It seems like there should be, and there are some results on the internet regarding this, but in general they seem needlessly complicated for the case I am interested in, and I am wondering if these is something simpler. Thanks for contributing an answer to Mathematics Stack Exchange! This, and other important examples, , , , , can be used to generate expressions known as. If the argument is equal to , then it is conventional to omit the argument altogether, although the trailing semicolon may be either retained or also discarded depending on notational convention.

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