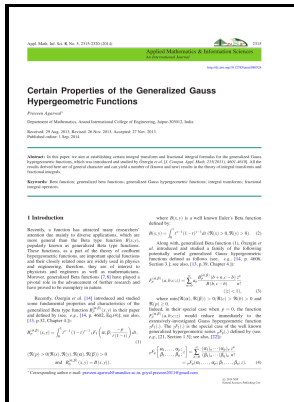# Generalized hypergeometric series.

Hafner - Generalized hypergeometric function

Description: -
-Generalized hypergeometric series.
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6
Officina di lettere ;
Changbai cong shu yan jiu xi lie -- 12
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

Filesize: 15.1010 MB

Tags: #[PDF] #Analytic #continuation #of #the #generalized #hypergeometric #series #near #unit #argument #with #emphasis #on #the #zero

Generalized hypergeometric function

The identities thus generated can be combined with each other to produce new ones in a different way. Up to constant factors and scaling, these are the Jacobi polynomials. Special hypergeometric identities include REFERENCES: Bailey, W.

genhypergeo: The generalized hypergeometric function in hypergeo: The Gauss Hypergeometric Function

The last fifteen were given by Gauss in his 1812 paper. Olde 2010 , , in ; Lozier, Daniel M.

Generalized hypergeometric series. (1964 edition)

The Kemp and Kemp types are defined in terms of the ranges of the a, k, and N parameters and are given in.

genhypergeo: The generalized hypergeometric function in hypergeo: The Gauss Hypergeometric Function

Part 1 treats hypergeometric functions on Lie groups.

An approximation to the generalized hypergeometric distribution

Since the space has dimension 2, any three of these functions are linearly dependent.

closed form

If a is a positive integer, the independent solution is given by the appropriate Bessel function of the second kind. Commentationes societatis regiae scientarum Gottingensis recentiores Göttingen 2. The first one was derived in the previous paragraph.

genhypergeo: The generalized hypergeometric function in hypergeo: The Gauss Hypergeometric Function

Hypergeometric functions of matrix argument have also been studied, cf.

[PDF] Analytic continuation of the generalized hypergeometric series near unit argument with emphasis on the zero

Up to constant factors, these are the Laguerre polynomials.

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