

Confluent hypergeometric function - with special emphasis on its applications

Springer - The Confluent Hypergeometric Function : Herbert Buchholz : 9783642883989

$$\begin{aligned} U(a,b,z) &= e^{(1-b)z} \sum_{i=0}^{\infty} \frac{(b)_i}{i!} U(a,b+i,z) \\ &= e^{(1-b)z} \sum_{i=0}^{\infty} \frac{(1-b)_i}{i!} U(a-i,b-i,z) \end{aligned}$$

Description: -

- Functions, Hypergeometric.confluent hypergeometric function - with special emphasis on its applications

- Springer tracts in natural philosophy -- v.15confluent hypergeometric function - with special emphasis on its applications

Notes: Translation of. Die konfluente hypergeometrische Funktion.
This edition was published in 1969



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Tags: #Confluent #hypergeometric #function #(Kummer #function)

Confluent hypergeometric function (Kummer function)

Thus δ 0 is the additional phase shift of the wave function due to the short-range forces. Then it really depends on where you want to go next.

Confluent Hypergeometric Function of the Second Kind

As stated in §133, resonance at low energies corresponds to the case where the value of the constant κ is anomalously small.

The Confluent Hypergeometric Function

Dear Kinshuk Jerath, Could you please be more specific and provide some example when my function is wrong. However, also in this case matrix coefficient functions help you understand general representations on function spaces. And just to show that things are not that bad I'm providing some examples KUMMERCOMPLEX is my matlab function, Hypergeometric1F1 is the Mathematica 4.

A good reference to grok hypergeometric functions?

Koornwinder now emeritus but still active would be on every thesis committee and always would ask a serious, relevant, interesting, inspiring question relating the subject of the thesis independent of the field to hypergeometric functions.

A New Generalization of Pochhammer Symbol and Its Applications in: Applied Mathematics and Nonlinear Sciences Volume 5 Issue 1 (2020)

I guess you can read more about them in or in these.

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