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RESEARCH ARTICLE

A Second-Order Linear Ordinary Differential Equation (ODE)

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Abstract

The term "hypergeometric function" sometimes refers to the generalized hypergeometric function.

In mathematics, the Gaussian or ordinary hypergeometric function ${}_2F_1(a,b;c;z)$ is a special function represented by the hypergeometric series, that includes many other special functions as special or limiting cases. It is a solution of a second-order linear ordinary differential equation (ODE). Every second-order linear ODE with three regular singular points can be transformed into this equation

Keywords..... Hypergeometric function

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