

Download Asymptotic Expansions A Erdelyi

In mathematics, the polylogarithm (also known as Jonquière's function, for Alfred Jonquière) is a special function $\text{Li}_s(z)$ of order s and argument z . Only for special values of s does the polylogarithm reduce to an elementary function such as the natural logarithm or rational functions. In quantum statistics, the polylogarithm function appears as the closed form of integrals of the Fermi ... Big O notation is a mathematical notation that describes the limiting behavior of a function when the argument tends towards a particular value or infinity. It is a member of a family of notations invented by Paul Bachmann, Edmund Landau, and others, collectively called Bachmann–Landau notation or asymptotic notation. In computer science, big O notation is used to classify algorithms ... is therefore frequently used for the digamma function itself, and Erdélyi et al. (1981) use the notation for ψ_1 . The digamma function is returned by the function `PolyGamma[z]` or `PolyGamma[0, z]` in the Wolfram Language, and typeset using the notation ψ_1 . The digamma function arises in simple sums such as

books in Mathematical Analysis & Calculus category Measure Theory in Non-Smooth Spaces by Nicola Gigli - De Gruyter Open, 2017 The aim of this book, which gathers contributions from specialists with different backgrounds, is that of creating a collection of various aspects of measure theory occurring in recent research, increasing interactions between different fields.