The generalized logarithmic equation

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Abstract

In this paper, I describe the generalized logarithmic equation.
The paper ends with "The End"

Introduction

Unknown to most mathematicians, there exists **the generalized logarithmic equation**.
In this paper, I describe the generalized logarithmic equation.

The generalized logarithmic equation

The generalized logarithmic equation is

$$\underbrace{b_1 y + b_0 + n_1 \log y + \cdots + n_q \underbrace{\log\log\ldots y}_{q\ logarithms}}_{q\ terms} = \underbrace{a_1 x + a_0 + m_1 \log x + \cdots + m_p \underbrace{\log\log\ldots x}_{p\ logarithms}}_{p\ terms}$$

where
$p \geq 2$ is a natural number
$q \geq 2$ is a natural number
$a_0,\ a_1$ are arbitrary constants
$b_0,\ b_1$ are arbitrary constants
$x,\ y$ are variables

The general solution

As of this writing, the general solution to the generalized logarithmic equation
in closed form is **not known**.

The End