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Stability problem for the composite type functional equations

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Abstract

Composite type functional equations in several variables play a significant role in various branches of mathematics and they have several interesting applications. Therefore their stability properties are of interest. The aim of this paper is to present a survey of some results and methods concerning stability of several of such equations; especially those somehow connected to the well known Gołąb-Schinzel equation.

Keywords: Hyers-Ulam stability, functional equation, composite type, Gołąb-Schinzel equation, quotient stability.

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