

عنوان مقاله:

Invariant functions for solving multiplicative discrete and continuous ordinary differential equations

محل انتشار:

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خلاصه مقاله:

In this paper, at first the elementary and basic concepts of multiplicative discrete and continuous differentiation and integration introduced. Then for these kinds of differentiation invariant functions the general solution of discrete and continuous multiplicative differential equations will be given. Finally a vast class of difference equations with variable coefficients and nonlinear difference equations and differential equations are investigated and solved by making use multiplicative difference and differential equations

کلمات کلیدی:

Multiplicative Continuous calculus, Invariant Functions, Multiplicative Discrete calculus

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