

عنوان مقاله:

Space-time fractional Burgers-Huxley equation and its applications in engineering

محل انتشار:

چهارمین همایش ملی کاربرد فناوری های نوین در علوم مهندسی (سال: 1395)

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خلاصه مقاله:

In this paper we discuss the efficiency of the g -expansion method to construct the exact solutions of the nonlinear time-fractional equations. This method is considered for application to the spacetimefractional Burgers-Huxley equation. These solutions are benefit to further understand the concepts of the complicated nonlinear physical phenomena and fractional differential equations. In this study we use of Mathematica for computations and programming

کلمات کلیدی:

g -expansion method , the Jumarie's modified Riemann-Liouville derivative, Burgers- Huxley equation

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