

عنوان مقاله:

Solving Benny-Lin Equation by Adomain Decomposition Method with Genetic Algorithm

محل انتشار:

مجله آنالیز غیر خطی و کاربردها، دوره 12، شماره 0 (سال: 1400)

تعداد صفحات اصل مقاله: 11

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خلاصه مقاله:

The nonlinear Benny-Lin equation has been solved In this paper using Adomian decomposition technique (ADM) with different initial conditions and the results shown in Figures (۱-۸), also by using modified Adomian decomposition technique with genetic algorithm to expound the optimal equation parameters. The proposed method (GA-ADM) guarantees that the optimal parameters will be achieved precisely regardless of the complexity and multiple values of .the equation. The proposed method gives more accurate results than the ADM

کلمات کلیدی:

Benny-Lin equation, Adomian-decomposition method, Genetic algorithm

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