عنوان مقاله:

Numerical solution of (GRLW) equation using finite difference method and conservation low.

نویسندگان:

Khaled mafakheri - *M. Sc. of Mathematics, University of Mohaghegh Ardabili, Ardabil, Iran*.

Davood shafighi - *M. Ac. student in Educational Science, Islamic azad university Urmia branch*.

خلاصه مقاله:

In this paper, numerical methods for solving generalized regularized long-wave (GRLW) equation using Finite difference method and conservation low is investigated. Convergence and stability of the difference solution were proved. Numerical results demonstrate that the method is efficient and reliable.

کلمات کلیدی:

GRLW equation, Finite difference method, numerical method,