

عنوان مقاله:

ANALYTICAL SOLUTIONS FOR THE FRACTIONAL FISHER'S EQUATION

محل انتشار:

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نویسندگان:

H KHEIRI

A MOJAVER

S SHAHI

خلاصه مقاله:

In this paper, we consider the inhomogeneous time- fractional nonlinear Fisher equation with three known boundary conditions. We rst apply a modi ed Homotopy perturbation method for translating the proposed problem to a set of linear problems. Then we use the separation variables method to solve obtained problems. In examples, we illustrate that by right choice of source term in the modi ed Homotopy perturbation method, it is possible to get an exact solution.

کلمات کلیدی:

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/450745>

