

## عنوان مقاله:

A Meta-Heuristic Approaches to Improve the Shape Parameter in Meshless RBF Method for Solving Burger s Equation

## محل انتشار:

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## خلاصه مقاله:

In this paper, we use a Mehta-heuristic approach to select a suitable shape parameter in Radial basis function collocation method for solving Burgers equation. One of the challenges in RBF method is selecting an optimum value for shape parameter in radial basis function to achieve the finest result of the method, owing to the fact that there are not any analytical approach exists for obtaining optimum shape parameter. We employ a Genetic algorithm for this purpose and compare the result with other shape parameters in searching range

## کلمات کلیدی:

Genetic Algorithm, Radial Basis Function, Collocation Method, Burgers Equation, Shape Parameter

## لینک ثابت مقاله در پایگاه سیویلیکا:

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