

Accepted Manuscript

Inspired grey wolf optimizer for solving large-scale function optimization problems

Wen Long , Jianjun Jiao , Ximing Liang , Mingzhu Tang

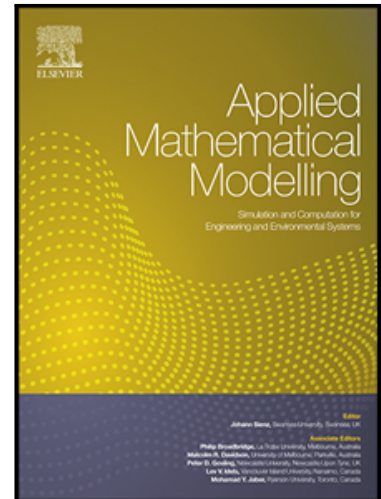
PII: S0307-904X(18)30121-5
DOI: [10.1016/j.apm.2018.03.005](https://doi.org/10.1016/j.apm.2018.03.005)
Reference: APM 12196

To appear in: *Applied Mathematical Modelling*

Received date: 25 April 2017
Revised date: 7 March 2018
Accepted date: 13 March 2018

Please cite this article as: Wen Long , Jianjun Jiao , Ximing Liang , Mingzhu Tang , Inspired grey wolf optimizer for solving large-scale function optimization problems, *Applied Mathematical Modelling* (2018), doi: [10.1016/j.apm.2018.03.005](https://doi.org/10.1016/j.apm.2018.03.005)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



Highlights

- A nonlinear strategy of control parameter and a modified position- updating-equation are presented.
- The proposed algorithm is used to solve large-scale global optimization problems.
- Only 15,000 number of Function evaluations are required to solve all dimensional functions.
- It is a low computational cost optimization technique.
- It converges fast as compared to other population-based optimization algorithms.

متن کامل مقاله

دریافت فوری ←

ISIArticles

مرجع مقالات تخصصی ایران

- ✓ امکان دانلود نسخه تمام متن مقالات انگلیسی
- ✓ امکان دانلود نسخه ترجمه شده مقالات
- ✓ پذیرش سفارش ترجمه تخصصی
- ✓ امکان جستجو در آرشیو جامعی از صدها موضوع و هزاران مقاله
- ✓ امکان دانلود رایگان ۲ صفحه اول هر مقاله
- ✓ امکان پرداخت اینترنتی با کلیه کارت های عضو شتاب
- ✓ دانلود فوری مقاله پس از پرداخت آنلاین
- ✓ پشتیبانی کامل خرید با بهره مندی از سیستم هوشمند رهگیری سفارشات