

Accepted Manuscript

Binary Grasshopper Optimisation Algorithm Approaches for Feature Selection Problems

Majdi Mafarja, Ibrahim Aljarah, Hossam Faris,
Abdelaziz I. Hammouri, Ala' M. Al-Zoubi, Seyedali Mirjalili

PII: S0957-4174(18)30586-4
DOI: <https://doi.org/10.1016/j.eswa.2018.09.015>
Reference: ESWA 12203



To appear in: *Expert Systems With Applications*

Received date: 15 September 2017
Revised date: 2 September 2018
Accepted date: 7 September 2018

Please cite this article as: Majdi Mafarja, Ibrahim Aljarah, Hossam Faris, Abdelaziz I. Hammouri, Ala' M. Al-Zoubi, Seyedali Mirjalili, Binary Grasshopper Optimisation Algorithm Approaches for Feature Selection Problems, *Expert Systems With Applications* (2018), doi: <https://doi.org/10.1016/j.eswa.2018.09.015>

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

- Three binary versions of Grasshopper Optimization Algorithm (BGOA) are proposed
- Wrapper-based feature selection techniques are proposed using the BGOA algorithms
- The proposed algorithms are benchmarked on 18 standard UCI datasets
- The results are compared with 10 algorithms
- The results show the merits of the proposed algorithms and feature selection methods

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/11021198>

Download Persian Version:

<https://daneshyari.com/article/11021198>

[Daneshyari.com](https://daneshyari.com)