

## Accepted Manuscript

Neural Network and Fuzzy System for the tuning of Gravitational Search Algorithm parameters

Danilo Pelusi, Raffaele Mascella, Luca Tallini, Janmenjoy Nayak, Bighnaraj Naik, Ajith Abraham

PII: S0957-4174(18)30114-3  
DOI: [10.1016/j.eswa.2018.02.026](https://doi.org/10.1016/j.eswa.2018.02.026)  
Reference: ESWA 11830



To appear in: *Expert Systems With Applications*

Received date: 12 October 2017  
Revised date: 16 February 2018  
Accepted date: 17 February 2018

Please cite this article as: Danilo Pelusi, Raffaele Mascella, Luca Tallini, Janmenjoy Nayak, Bighnaraj Naik, Ajith Abraham, Neural Network and Fuzzy System for the tuning of Gravitational Search Algorithm parameters, *Expert Systems With Applications* (2018), doi: [10.1016/j.eswa.2018.02.026](https://doi.org/10.1016/j.eswa.2018.02.026)

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**

- Neural network and Fuzzy Inference system for the tuning of GSA parameters are designed.
- A revised version of GSA is proposed with a new parameters definition.
- The proposed algorithm improves GSA with the same computational complexity.

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/6855079>

Download Persian Version:

<https://daneshyari.com/article/6855079>

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