

Accepted Manuscript

A robust ant colony optimization for continuous functions

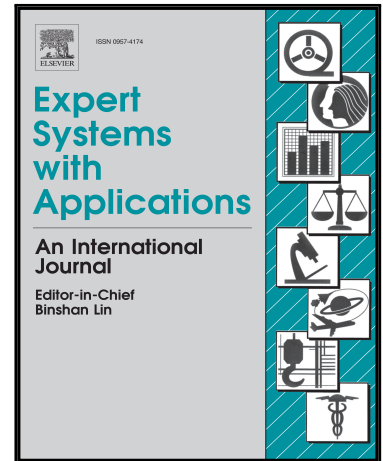
Zhiming Chen , Shourui Zhou , Jieting Luo

PII: S0957-4174(17)30189-6
DOI: [10.1016/j.eswa.2017.03.036](https://doi.org/10.1016/j.eswa.2017.03.036)
Reference: ESWA 11194

To appear in: *Expert Systems With Applications*

Received date: 7 September 2016
Revised date: 15 March 2017
Accepted date: 16 March 2017

Please cite this article as: Zhiming Chen , Shourui Zhou , Jieting Luo , A robust ant colony optimization for continuous functions, *Expert Systems With Applications* (2017), doi: [10.1016/j.eswa.2017.03.036](https://doi.org/10.1016/j.eswa.2017.03.036)



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

- The robust ant colony algorithm for continuous optimization is very simple to use.
- It doesn't make any major conceptual change to ant colony optimization's structure.
- It uses a broad-range search which enables ants to search in a new domain.
- It is robust to initial domain's properties such as length, symmetry and border.
- It can find the correct result in given domains without optimal solution.

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/4943363>

Download Persian Version:

<https://daneshyari.com/article/4943363>

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