

Accepted Manuscript

An Innovative Framework for Designing Genetic Algorithm Structures

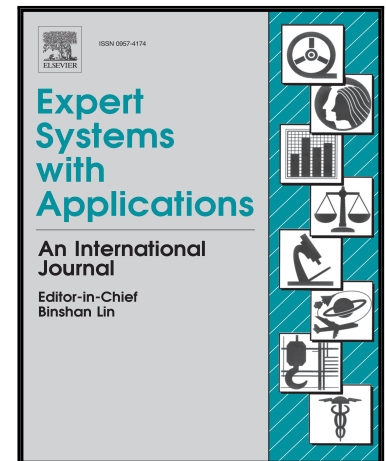
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PII: S0957-4174(17)30557-2
DOI: [10.1016/j.eswa.2017.08.018](https://doi.org/10.1016/j.eswa.2017.08.018)
Reference: ESWA 11487

To appear in: *Expert Systems With Applications*

Received date: 13 April 2017
Revised date: 9 August 2017
Accepted date: 9 August 2017

Please cite this article as: Son Duy Dao , Kazem Abhary , Romeo Marian , An Innovative Framework for Designing Genetic Algorithm Structures, *Expert Systems With Applications* (2017), doi: [10.1016/j.eswa.2017.08.018](https://doi.org/10.1016/j.eswa.2017.08.018)



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Highlights

- The proposed GA is capable of automatically restarting its search process if being trapped in local optima.
- The exploitation of the proposed GA is enhanced by the developed local solution generation module.
- The search capability of the proposed GA is improved by balancing the exploration and exploitation using Taguchi method.

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