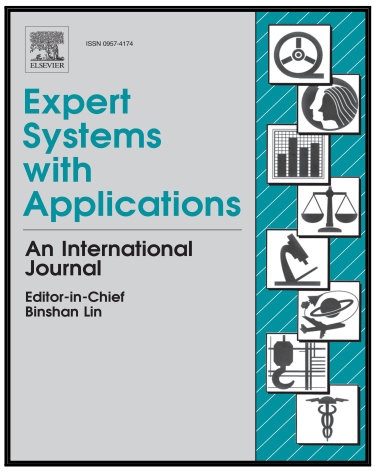

An Innovative Framework for Designing Genetic Algorithm Structures

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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.