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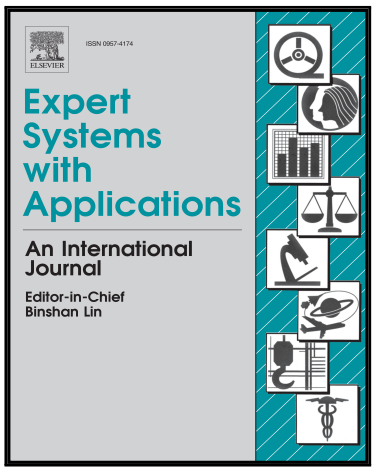

Comparison of a Genetic Algorithm to Grammatical Evolution for Automated Design of Genetic Programming Classification Algorithms

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Highlights

- Automated design of Genetic Programming classification algorithms is presented.
- Automated design uses a genetic algorithm and grammatical evolution.
- The approach is trained and tested using real-world binary and multi-class data.
- Grammatical evolution designed classifiers perform better for binary classification.
- Genetic algorithm designed classifiers perform better for multi-classification.

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