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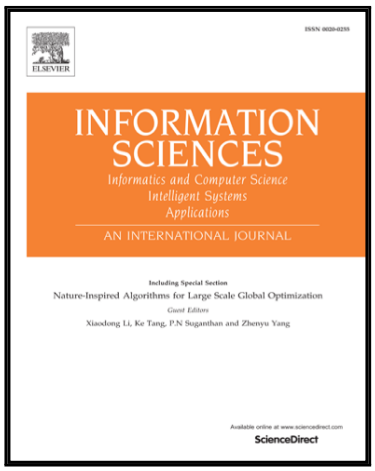

An Improved Teaching-Learning-Based Optimization for Constrained Evolutionary Optimization

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Highlights

- An efficient subpopulation strategy is designed to increase the diversity of the teacher phase.
- A novel ranking differential vector strategy is presented to promote the convergence of the learner phase.
- A dynamic weighted sum is formulated to achieve the tradeoff between constraints and objective function.
- A simple yet effective restart strategy is presented to settle complicated constraints.

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