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A Memetic Algorithm to Pack Unequal Circles into a Square

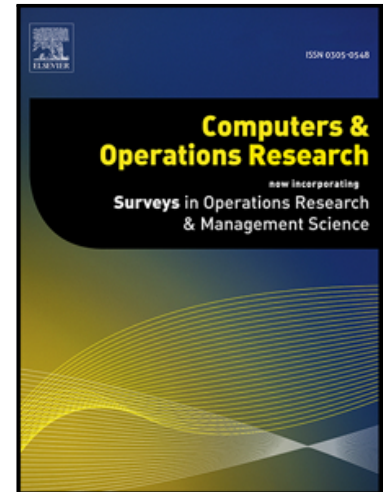
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Highlights

- It is the first memetic algorithm for unequal circles packing.
- The combination of Genetic Algorithm and Iterated Local search.
- The algorithm provides competitive results within a reasonable time.
- The original z-crossover operator based on symmetry and complementarities.
- The original perturbation operator based on gene fragment insertion.

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