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An experimental evaluation of a parallel simulated annealing approach for the 0-1 multidimensional knapsack problem

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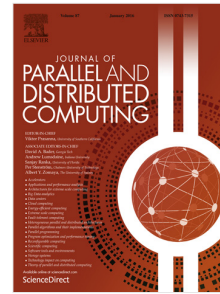
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Highlights

- Proposition of a new GPGPU approach to solve the 0-1 MKP using simulated annealing.
- Evaluation of the influence of different values to SA configuration parameters.
- GPGPU is effective to accelerate the process.
- Achieved results are competitive with the ones from other metaheuristics.

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