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An improved genetic algorithm for task scheduling in the cloud environments using the priority queues: formal verification, simulation, and statistical testing

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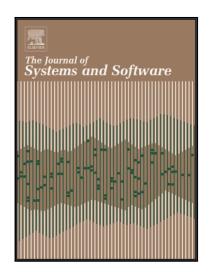
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Highlights

- Elitism technique with unusual selections is adopted to evade premature convergence.
- Statistical analyzes on the different randomly generated graphs are done.
- The proposed technique is translated into a verifiable behavioral model.



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