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Quantum Genetic Algorithm based Scheduler for Batch of Precedence Constrained Jobs on Heterogeneous Computing Systems

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Highlights

- Scheduling the DAG based tasks on heterogeneous distributed systems.
- Exploits the features of Quantum Computing and NSGA II to establish the Pareto fronts.
- QGLBS ensures that the communication cost and the critical path are considered.
- Hypervolume Indicator to assess the quality of Pareto fronts.

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