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A hybrid heuristic queue based algorithm for task assignment in mobile cloud

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Highlights (for review)

Highlights:

- A multi-server queue model is proposed for cloudlets to extract system performance parameters.
- A resource allocation mechanism is proposed for two level mobile cloud computing architecture with an offload mechanism.
- A hybrid heuristic algorithm for task assignment in mobile cloud computing is proposed, using Ant Colony optimization and genetic algorithm. The algorithm balances the load and reduces average completion time of all the tasks.

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