An Enhanced CHC Algorithm for Task Scheduling On Cloud Computing

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ABSTRACT

The Cloud Computing is a most of the leading technology that provides data storage, pool of resources and online admittance to processor services. In the research area, the task scheduling in the cloud computing becomes a hot theme. As time to time the number of the operators are increased, so that the volume of the task and data processing is also very giant. By considering various computing programming model, paper proposed the new Enhanced CHC algorithm that is the mixture of the Standard Genetic Algorithm (SGA) and CHC algorithm. The Proposed algorithm is robustness and have the ability to find the global optimal answers. The proposed method consider the allocation of resources to tasks and completion time of the tasks. It is enhanced the convergence haste of the procedure. The outcomes show that proposed algorithm has good efficiency, convergence and require less time for the execution of the tasks.