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Title: Improving Metaheuristics for Mapping Independent Tasks into Heterogeneous Memory-Constrained Systems.

Abstract:
This paper shows different strategies for improving some metaheuristics for the solution of a task mapping problem. Independent tasks with different computational costs and memory requirements are scheduled in a heterogeneous system with computational heterogeneity and memory constraints. The tuned methods proposed in this work could be used for optimizing realistic systems, such as scheduling independent processes onto a processors farm.

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