

Performance Analysis of Serial Computing Vs. Parallel Computing in MPI Environment

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Abstract: *Parallel computing has been known for years, but it has only suddenly grown in popularity as a result of the multi core processors and machine learning to general public at reasonable cost. The goal of this paper is to compare the performance of serial versus parallel algorithm in MPI(Message Passing Interface) environment.*

Keywords: Central Processing Unit (CPU); Message Passing Interface (MPI); Parallel Computing;

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