Abstract

The Batcher’s bitonic sorting algorithm is a parallel sorting algorithm, which is used for sorting the numbers in modern parallel machines. There are various parallel sorting algorithms such as radix sort, bitonic sort, etc. It is one of the efficient parallel sorting algorithm because of load balancing property. It is widely used in various scientific and engineering applications. However, Various researches have worked on a bitonic sorting algorithm in order to improve up the performance of original batcher’s bitonic sorting algorithm. In this paper, tried to review the contribution made by these researchers.

References

- Jae-Dong Lee and Kenneth E. Batcher. "A Bitonic Sorting Network with Simpler


2-7, 0018-9340.

Index Terms

Computer Science Algorithms

Keywords

Parallel Sort Algorithm Bitonic Sort Sorting Network.