

PARALLEL ALGORITHM TUTORIAL

http://www.tutorialspoint.com/parallel_algorithm/index.htm

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A parallel algorithm can be executed simultaneously on many different processing devices and then combined together to get the correct result. Parallel algorithms are highly useful in processing huge volumes of data in quick time. This tutorial provides an introduction to the design and analysis of parallel algorithms. In addition, it explains the models followed in parallel algorithms, their structures, and implementation.

AUDIENCE

This tutorial will help the undergraduate students of computer science learn the basic-to-advanced topics of parallel algorithm.

PREREQUISITES

In this tutorial, all the topics have been explained from elementary level. Therefore, a beginner can understand this tutorial very easily. However if you have a prior knowledge of writing sequential algorithms, it will be helpful in some chapters.