
Parallel Algorithms for Dynamic Networks

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Abstract

Analyzing the properties of large scale dynamic networks is an important and computationally intensive problem. This challenge further increases when the networks are dynamic, i.e. they change with time. In this talk I will present some of our recent results on updating tree-like structures for dynamic graphs. I will further discuss the challenges arising in obtaining scalability and in measuring the correctness of the solutions.

Keywords: Graph Theory

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