Special Issue on

New Mathematical Models and Algorithms for Big Data

Call for Papers

With the rapid development of computer science, there are many challenging problems arisen in big data, for example, data mining and knowledge discovery for big data, information security for big data in cloud environment, task scheduling for big data, image processing for big data, and so on. It is very important and urgent to effectively solve these big data problems. The key to solve these big data problems is to develop new effective mathematical models and propose efficient algorithms. As an indispensable interdiscipline in science and mathematics, new mathematical models and algorithms for big data are of great attractions to researchers.

In this special issue, we invite front-line researchers and authors to submit original research and review articles that explore new mathematical models and algorithms for big data. In this special issue, potential topics include, but are not limited to:

- Models and methods for image processing
- New theory for big data problems
- New methods for artificial intelligence
- Models and methods for pattern recognition
- Models and methods for machine learning
- Models and methods for information security

Authors should read over the journal’s Authors’ Guidelines carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal’s Paper Submission System.

Please kindly note that the “Special Issue” under your manuscript title should be specified and the research field “Special Issue - New Mathematical Models and Algorithms for Big Data” should be selected during your submission.

Also please note the following timetable:

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Guest Editor: