



Special Issue on Curve Fitting Research

Call for Papers

Curving Fitting is one of the most powerful and widely used data processing technologies. It refers to constructing a curve, or mathematical function, that has the best fit to a series of discrete data. Related topics are interpolation, smoothing, and regression analysis which focus more on questions of statistical inference. Fitted curves can be used for data visualization, to infer values of a function, and to analyze the relationships among two or more variables. The application of curve fitting has important significance to economic forecasting and optimization strategy. The goal of this special issue is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in this area of **curve fitting research**.

In this special issue, we intend to invite front-line researchers and authors to submit original researches and review articles on exploring **curve fitting research**. Potential topics include, but are not limited to:

- Theory of curve fitting
- Types of curve fitting
- Curve fitting tool
- Application of curve fitting
- Numerical methods of curve fitting
- Regression analysis
- Modeling of curve fitting
- Interpolation and smoothing

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 notice that the “**Special Issue**” under your manuscript title is supposed to be specified and the research field “**Special Issue - Curve Fitting Research**” should be chosen during your submission.

According to the following timetable:

Submission Deadline	July 10th, 2014
Publication Date	September 2014



Guest Editor:

For further questions or inquiries
Please contact Editorial Assistant at
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