



Special Issue on Harmonic Analysis and Wavelets

Call for Papers

Harmonic analysis is nowadays one of the most important branches of mathematical analysis concerned with the representation of functions or signals as the superposition of basic waves, and the study of and generalization of the notions of Fourier series and Fourier transforms. Some noticeable theoretic aspects are Fourier analysis on groups, or the study of classical function spaces or bases. But there are also many applications of Harmonic analysis' concepts and techniques: from the most classical Fourier transform which was used for decades by physicians, astronomers, engineers and geologists to the relatively new applications of wavelets to signal processing.

The issue on “**Harmonic Analysis and Wavelets**” will be focusing on the latest development in all aspects of harmonic analysis and wavelets, with their applications in signal processing, quantum mechanics, neuroscience, and so forth.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on exploring **Harmonic Analysis and Wavelets**.

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 at [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 —Harmonic Analysis and Wavelets**” should be chosen during your submission.

According to the following timetable:

Manuscript Due	August 27th, 2013
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