Special Issue

Advances on Nonlinear Functional Analysis

Message from the Guest Editor

Since the appearance of quantum physics, the importance of investigating infinite dimensional systems and constructing associated algebraic structures is a constant minor issue, continuously leading to new branches of research. Here, we launch a Special Issue on the *Mathematics* journal platform, titled "Advances on Nonlinear Functional Analysis". As for the general character, we welcome papers concerning manifolds modeled on topological vector spaces, both in real and complex settings, with particular attention paid to nonlinear flows of endomorphisms subjected to various constrains. Moreover, we also welcome papers aiming to exhibit relevant applications in physics, ordinary differential equations, partial differential equations, quantum informatics, along with related algebraic topics, such as those covered by the MSC2010 Classification themes 08Cxx, 12E-Kxx, 13xx, 14J-Qxx, 15xx (in a nonlinear context), 16G-Txx, 17XX (of special interest), 20F-Pxx, 22xx (of special interest), 30H-Lxx, 31C-Exx, 32xx (of special interest), 34-37xx (with infinite dimensional relevance), 44-45xx, 46xx (of special interest), and 47-49xx (with infinite dimensional relevance).

Guest Editor

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About the Journal

Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

Editor-in-Chief

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