Nonlinear Elliptic and Parabolic Differential Equations

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Message from the Guest Editors

Dear Colleagues,

This Special Issue is devoted to nonlinear equations of elliptic and parabolic types. We welcome both theoretical results and their applications in various fields of natural science. The main areas we wish to cover include:

1. Existence and uniqueness theorems including theorems on the absence of solutions (blow-up);
2. Quasi-linear equations with measured data;
3. Qualitative properties of solutions;
4. Singular solutions of nonlinear equations and inequalities;
5. Peaking regimes in nonlinear evolution equations;
6. Large solutions of nonlinear elliptic and parabolic equations;
7. Stabilization of solutions of evolution equations, inequalities, and attractors;
8. Applications to natural sciences.

Special Issue

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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.

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