Advances in Mathematics and Its Applications

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Message from the Guest Editors

In this Special Issue, we try to integrate models, methods, and also applications, not only in the scope of traditional natural sciences, but also opening the scope to education and other social sciences. Theory and data-driven models, even in a synergy that gives rise to producing fertile, multidisciplinary, and hybrid models, can be considered. Potential topics include, but are not limited to:

- Numerical and modelling analysis;
- Optimization and evolutionary algorithms models and methods;
- Deterministic differential equations: methods and models;
- Random differential equations: methods and models;
- Numerical solution of large systems of linear and nonlinear equations;
- Educational models and methods;
- Social networks models and methods;
- Engineering models and simulation;
- Analysis modelling in economics and finance;
- Algebraic models and methods with applications;
- Intelligent data analysis models and methods.

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