

# Special Issue

## Applications of Partial Differential Equations in Engineering, 2nd Edition

### Message from the Guest Editors

Partial differential equations have become an extensive topic in mathematics, physics and engineering due to the novel techniques recently developed and great achievements in computational sciences. Both theoretical and applied viewpoints have gained great attention from many different natural sciences. A partial list of topics includes modeling, solution techniques and applications of computational methods in a variety of areas (e.g., liquid and gas dynamics, solid and structural mechanics, and bio-mechanics), variational formulations and numerical algorithms related to implementation of the finite and boundary element methods, finite difference and finite volume methods, and other basic computational methodologies.

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### Guest Editors

Prof. Dr. Francisco Ureña

Dr. Antonio Manuel Vargas

Dr. Ángel García Gómez

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### Deadline for manuscript submissions

closed (20 April 2023)



## Mathematics

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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.

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### Editor-in-Chief

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