Special Issue

Analysis and Applications of Discontinuous Galerkin Methods in Wave-Propagation Problems

Message from the Guest Editors

Wave-propagation problems are found in every field of science and engineering, including geophysics, oceanology, civil engineering, aerospace engineering, medicine, and many others. Among the numerical methods to simulate wave propagation, discontinuous Galerkin is currently the most interesting because of its flexibility and accuracy. This Special Issue will cover all areas of the analysis and application of the discontinuous Galerkin method, such as the enriched Galerkin method or multiscale methods based on discontinuous Galerkin, in wave-propagation problems, including acoustic, elastic, seismic, viscoelastic, poroelastic and electromagnetic waves.

Guest Editors

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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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