Advances in the Calculus of Variations and Geometry

Guest Editor:

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submissions:
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Message from the Guest Editor

Th Special Issue "Advances in the Calculus of Variations and Geometry" will allow for publications of quality research involving geometric applications of variational theory.

From its inception, the subject of Differential Geometry has been inexorably linked with the Calculus of Variations through the study of geodesics. Widespread applications of geometric variational problems can be found not only in other areas of Mathematics such as Topology, but also in the physical sciences, particularly in General Relativity and Materials Science.

Colleagues are invited to submit papers concerning variational theory in Geometry and its applications in the physical sciences. These may include but are not limited to the subjects mentioned above.

Special Issue

Editor-in-Chief

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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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