

Special Issue

Riemannian Geometry of Submanifolds

Message from the Guest Editor

Submanifold theory can be thought of as a generalization of the study of surfaces in the 3-dimensional Euclidean space. In the general theory, both the dimension of the submanifold and the codimension, which is the difference between the dimension of the ambient space and the dimension of the submanifold, can be arbitrarily high, and the ambient space does not need to be flat. A key problem in the theory is to study the relations and the interplay between intrinsic invariants, which only depend on the submanifold as a manifold itself, and extrinsic invariants, which depend on the immersion, i.e., on the shape that the submanifold takes in the ambient space.

Guest Editor

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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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