Differential Geometry: Structures on Manifolds and Their Applications

Guest Editor:

Prof. Dr. Marian Ioan Munteanu
Faculty of Mathematics, Alexandru Ioan Cuza University of Iasi, 700506 Iasi, Romania

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Message from the Guest Editor

When a manifold is endowed with a geometric structure, we have more opportunities to explore its geometric properties. Affine geometry, Riemannian geometry, contact geometry, Kaelher geometry, CR geometry, or Finsler geometry are only a few examples of such differential geometric structures. Several theoretical and practical applications have been obtained over the years: mathematical physics, mathematical biology, economy, and so on. On the other hand, the theory of submanifolds represents an important field in differential geometry, especially when the ambient manifold carries geometric structures. The connection between the intrinsic geometry of the submanifold with its extrinsic geometry has been extensively developed in recent decades.

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Special Issue

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Prof. Dr. Francisco Chiclana
School of Computer Science and Informatics, De Montfort University, The Gateway, Leicester LE1 9BH, UK

Message from the Editor-in-Chief

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