Special Issue

Developments of Mathematical Methods in Image Processing

Message from the Guest Editor

The development of mathematical methods in image processing has been an active area of research for several decades. The aim of these methods is to extract useful information from images and to process them for various applications, such as computer vision, medical or satellite image processing, security, and so on. The mathematical methods used in image processing also originate from different areas, for instance, algebraic methods, Fourier analysis, optimization, machine learning, differential equations, logic, formal methods and languages, fuzzy transforms, graph theory, and Bayesian analysis, among many others. This Special Issue of *Axioms* focuses on recent advances in the mathematical foundations of image processing methods and their applications. We hope that this Special Issue will be attractive to researchers specializing in the above-mentioned fields. Contributions may be submitted on a continuous basis until the deadline. After a peer-review process, submissions will be selected for publication based on their quality and relevance.

Guest Editor

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Message from the Editor-in-Chief

Axioms is dedicated to the foundations (structure and axiomatic basis, in particular) of mathematical theories, not only from a crisp or strictly classical sense, but also from a fuzzy and generalized sense. This includes the more innovative current scientific trends, devoted to discover and solve new challenging problems. The prime goal of *Axioms* is to publish first-class, original research articles under an open access policy with minimal fees for the authors. We would be pleased to welcome you as one of our authors.

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