Special Issue

Numerical Computation, Approximation of Functions and Applied Mathematics

Message from the Guest Editors

A basic and important problem in numerical computation is the need to resolve a complicated function into simpler, easier-to-compute functions. Good numerical methods from the theory of the approximation of functions have many applications in numerous branches of applied mathematics, such as computer aided geometric design, machine learning, and signal processing. The primary purpose of this Special Issue is to highlight the recent progress on the theory and application of function approximation. Topics may include, but are not limited, the following: multivariate approximation, numerical integration, optimization, machine learning, signal processing, and computer-aided geometric design.

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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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