

Special Issue

Approximation Theory and Its Applications

Message from the Guest Editor

Approximation theory is concerned with the reconstruction of a function from sampled given data. Such kinds of situations occur when dealing with real world problems, such as reconstruction of geological surfaces, image restoration, demographic data fittings and in all the fields that need to treat big data. Many methods have already been proven as effective numerical tools in this area, such as multivariate splines, RBF and finite element methods (FEM). In this Special Issue, we would like to cover the field of scattered data interpolation/approximation, which includes previously mentioned applications and it is a very recent and fast growing research area.

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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