Special Issue

Advanced Approximation Techniques and Their Applications

Message from the Guest Editors

The theory of approximations is one of the most intriguing sections of mathematics, as its field overlaps with both classical and modern analysis, as well as numerical analysis, and even various branches of applied mathematics. Nowadays, due to the development of computer technology and the requirements of natural and engineering sciences, interest in studying various approximation techniques has grown significantly. In the scientific community, this is a continuous stimulus to develop new and better-performing approximation techniques, able to grasp the particular features of the problem. The primary purpose of the Special Issue is to highlight the advanced techniques of approximation theory, which have a practical application to a wide range of mathematics problems. This, in turn, will enrich mathematical science with profound and fruitful results.

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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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