



Spline Functions and Applications

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Message from the Guest Editors

Dear Colleagues,

Since the beginning of the systematic study of spline functions by I. J. Schoenberg in the forties, they have become an essential tool in approximation theory and numerical computation, with computer-aided geometric design, numerical solution of integral and differential equations, numerical quadratures, interpolation and quasi-interpolation, least squares and regularization, image processing, and isogeometric analysis being a few mathematical applicative areas.

Many results on spline functions have been collected in well-known books, even on very specialized topics, but the publication of results continues at a high rate. A quick glance at Scopus shows how interest in spline functions continues today, with a total output of more than 12,000 spline-related articles in the last five years, in fields such as engineering, mathematics, computer science, materials science, among others.

This Special Issue collects contributions on any relevant aspect of spline functions and their applications, with the aim of presenting an overview of the most recent advances and current applications.





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Message from the Editor-in-Chief

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