



mathematics



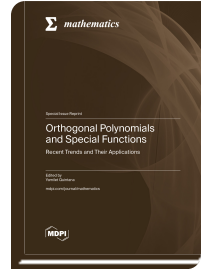
Special Issue Reprint

Orthogonal Polynomials and Special Functions: Recent Trends and Their Applications

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Orthogonal polynomials and special functions are two well-established streams of research in mathematical sciences. As is well known, they are considered classical and have seen many very interesting developments throughout the centuries, extending to original approaches and in-depth studies of the theoretical and/or applied problems considered. Since orthogonal polynomials and special functions are often used in applications, they have found use in various branches of mathematics (e.g., combinatorics, numerical analysis, representation theory, and number theory) and engineering, physics and astronomy, integrable systems, optics, quantum chemistry, computer science, etc. As such, the number of theoretical and applied problems solved using orthogonal polynomials and special functions is constantly growing. The aim of this Special Issue is to present recent trends and applications linked to orthogonal polynomials and special functions, mainly those pertaining to engineering mathematics and related topics.



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