



Recent Advances in Representation Theory with Applications

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

The representation theory presents a well-studied field that has, for many years, influenced several branches in mathematics, ranging from mathematical physics to the number theory. In recent years, significant progress has been achieved in understanding both complex and Banach space representations of classical groups and of Lie algebras.

The main aim of this Special Issue is to provide an opportunity to present recent developments in the representation theory and its applications, and to show how the developed methods can be used and further upgraded in different situations. It covers all aspects of the representation theory, such as the structure of complex, p -adic and Banach representations, as well as those of related research areas, such as automorphic and modular forms, Lie groups, Lie algebras, and harmonic analysis on groups of the Lie type.

We invite high-quality original research papers as well as comprehensive reviews related to the proposed topic.

