

Special Issue

Advances in Quantum Theory and Quantum Computing

Message from the Guest Editor

Even though it is over a hundred years old, quantum theory of information is still highly relevant. Many scientists are looking for a quantum equivalent to the theory of gravity. Therefore, it is difficult to overestimate the importance of quantum aspects in broadly understood science and technology. Even mathematical modeling would be a completely different science without the concepts rooted in quantum theory. This Special Issue aims to highlight the role of symmetry in pure and applied sciences. We invite contributions of both theoretical and applied types. The authors are encouraged to submit their original research results and, possibly, reviews. The scope of topics includes, but is not limited to, the following:

- "standard" quantum mechanics and quantum field theory;
- quantum statistical physics;
- quantum information processing;
- mathematical structure of quantum theory;
- quantum games;
- quantum decision theory;
- quantum aspects of social science.

Guest Editor

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About the Journal

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.

Editor-in-Chief

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