Nonlinear Schrödinger Equations

Guest Editor:

Prof. Dr. Pascal Bégout
Institut de Mathématiques de
Toulouse, Toulouse School of
Economics, Toulouse, France

Message from the Guest Editor

Dear Colleagues,

Schrödinger equations (linear and nonlinear) have been of
great interest to mathematicians around the world for
more than 40 years now. For this Special Issue, we are
interested by innovative results concerning these
equations. The scope of this Special Issue covers both
theoretical and numerical results such as existence and
uniqueness, blow-up, asymptotic behaviour, study of
solitons, bound (or ground) state of solutions, self-similar
solutions and numerical analysis and simulations.

Prof. Dr. Pascal Bégout
Guest Editor

Special Issue

Editor-in-Chief

Prof. Dr. Humberto Bustince
Department of Statistics, Computer Science and Mathematics, Public University of Navarra, 31006 Pamplona, Spain

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.
High visibility: indexed within SCIE (Web of Science), dblp, and other databases.
Journal Rank: JCR - Q1 (Mathematics, Applied)
Rapid Publication: manuscripts are peer-reviewed and a first decision is provided to authors approximately 21 days after submission; acceptance to publication is undertaken in 3.4 days (median values for papers published in this journal in the first half of 2024).

Contact Us