

Applied Mathematics and Nonlinear Sciences (AMNS)

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Last date to submit a manuscript: July 30, 2021

Submission: Please submit your manuscripts to Applied Mathematics and Nonlinear Sciences via Editorial Manager by selecting at article type NTDMS2020 “**SI: New Trends and Developments in Mathematical Sciences**”:

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Title of Special issue: **SI: New Trends and Developments in Mathematical Sciences**

Description of Special issue:

The special issue contains selected papers among the studies accepted for presentation at the Third International Conference on Mathematical and Related Sciences which was held on 20-22 November 2020 in Turkey as online meeting. **All articles to be published in this special issue must be complete the necessary referee and editorial processes. All manuscripts must be prepared according to rules of AMNS.**

It is especially planned that focus on new research and future trends in mathematical sciences in this special issue. We invite investigators and our participants to contribute to special issue with original papers describing **advances, findings and future trends** in the field of **Mathematical Sciences**. In accordance with this purpose, all manuscripts must be written so as to be widely accessible to all scientists.

Potential topics include, but are not limited to:

APPLIED MATHEMATICS AND MODELING: Computational Methods, Ordinary and partial Differential Equations, Mathematical Modeling and Optimization, Probability and Statistics Applications, Operations research, model selection, Bio Mathematics, Data Analysis and related topics. Mathematical Finance, Numerical Solution of Stochastic Differential Equations, Stochastic Analysis and Modelling.

ANALYSIS AND ITS APPLICATIONS: Approximation Theory and Its Applications, Ergodic Theory, Sequence Spaces and Summability, Fixed Point Theory, Functional Analysis and Its Applications and related topics.

APPLIED ALGEBRA AND ITS APPLICATIONS: Information Theory and Error Correcting Codes, Cryptography, Combinatorics and Its Applications, Cellular Automata, Fuzzy and Its Applications, Computational Algebra, Computational Group Theory and related topics.

GEOMETRY AND ITS APPLICATIONS: Algebraic Geometry and Its Applications, Differential Geometry, Kinematics and related topics.

ALGEBRAIC STATISTICS AND ITS APPLICATIONS: Algebraic statistics and its applications.

ALGEBRAIC TOPOLOGY AND ITS APPLICATIONS: Algebraic Topology and Its Applications, Knot Theory and related topics.

Deadline for submissions: July 30, 2021

Lead Guest Editor

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