

Special Issue

Advances in Mathematical Analysis, Applications and Technologies for IoT Networks Along with Next-Generation IoT and Its Network Security

Message from the Guest Editors

The Internet of Things (IoT) has experienced massive expansion since 1999, now forming a crucial part of the Internet infrastructure. Given the rapid 20% growth of wired and wireless networks over the last five years, a theoretical, mathematical account of these advances is essential for better practical representation and investigation of IoT. Furthermore, the security of this vital infrastructure is paramount, as threats have grown at a similar pace. We invite original research articles and comprehensive reviews for this Special Issue, focusing on mathematical modeling, theoretical results, and advanced/Next-Generation IoT networks. Contributions on related network security will also be considered. This is an opportunity for the readership to sample cutting-edge advances as they happen.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

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