

Special Issue

Computational Methods and Algorithms for Multimedia Data Analysis and Security

Message from the Guest Editors

In recent years, the proliferation of multimedia data across various platforms has led to an urgent need for effective analysis algorithms and robust data security measures. Multimedia data, including images, videos, and audio files, present unique challenges due to their diverse formats, large volumes, and complex content. Furthermore, ensuring the confidentiality, integrity, and availability of multimedia data is crucial for protecting sensitive information and maintaining user privacy. This Special Issue aims to showcase cutting-edge research in the fields of multimedia computing, data security algorithms, and optimization strategies, highlighting innovative algorithms, methodologies, and solutions to address these challenges. Within this context, the topics covered in the Special Issue encompass diverse deep learning models incorporating blockchain or repurposing. These models span various applications, including transfer learning, meta-learning, continuous learning, model fine-tuning, model retraining, model reuse, representation learning, blockchain technology, federated learning, etc.

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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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