Special Issue

Mathematics for Artificial Intelligence and Big Data Analysis

Message from the Guest Editors

We are pleased to invite you to submit papers with original and high-quality ideas that are relevant to Mathematics for Artificial Intelligence and Big Data Analysis. The advent of Artificial Intelligence (AI) and Big Data Analysis has transformed various sectors, spanning from healthcare and finance to manufacturing, social media, and Physics-informed data mining. These transformative technologies have the potential to reshape the way we live, work, and interact with the world. To fully leverage the power of AI and Big Data, a strong foundation in mathematics is indispensable. The main purpose of this Special Issue is to disclose the latest progress on the critical role of mathematics in enabling the capabilities of AI and extracting valuable insights from Big Data. This Special Issue targets an interdisciplinary audience of researchers, industry practitioners, and scholars to share and exchange new ideas on the use of AI and mathematical theories in Big Data mining.

Guest Editors

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Deadline for manuscript submissions

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MDPI

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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