Application of Machine Learning and Deep Learning Methods in Science

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Message from the Guest Editors

Dear Colleagues,

The fields of machine learning (ML) and deep learning (DL) are rapidly developing, with new methods and technologies appearing daily. The actual problem is the effective application of these methods to address diverse challenges arising within human activities. The goal of this Special Issue is to collect and demonstrate practical examples of applying ML/DL methods to solve various scientific problems that provide significant benefits. By collecting such examples, we aim to define and extend the scope and understanding of ML/DL methods. To this end, we invite submissions in any form, including articles, reviews, notes, etc.

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Special Issue

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Message from the Editor-in-Chief

Mathematics permeates all kinds of academic worlds and is a fountain flowing with innovative development. The journal *AppliedMath*, publishing high-quality refereed papers discussing various aspects of applied mathematics, is dedicated to promoting the integration of mathematics with applied disciplines to cultivate a profitable frontier of mathematics. The journal highlights articles devoted to the mathematical treatment of questions and phenomena arising in physics, chemistry, biology, medicine, pharmacy, engineering, information science, social sciences, and humanities. One of the missions of this journal is to serve scientists by quickly announcing the seeds of significant mathematical breakthroughs in science and technology.

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