Special Issue

Explainability Methods in Artificial Intelligence

Message from the Guest Editor

This Special Issue aims to provide a comprehensive overview of the latest developments and trends in XAI, and will cover a wide range of topics related to the transparency and interpretability of AI systems. We invite submissions from researchers working in areas such as machine learning, computer vision, natural language processing, and other fields that are relevant to explainable AI.

- techniques for visualizing and interpreting deep neural networks
- methods for generating human-readable explanations of AI decisions
- approaches for evaluating the interpretability of AI models
- research on the trade-offs between model complexity and interpretability
- integration of explainability methods with other AI tasks, such as fairness and robustness
- theoretical foundations and frameworks for explainable AI
- case studies and real-world applications of explainable AI
- human–AI interaction and explainability in human-in-the-loop systems
- natural language generation models and chatbots
- advancement in explainable AI in various domains, such as healthcare, autonomous systems, education, and finance
- surveys of explainable ai systems and applications

Guest Editor

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Deadline for manuscript submissions

closed (15 August 2023)

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About the Journal

Message from the Editor-in-Chief

Algorithms are the core of computational mathematics and computer science. The whole area has been considered from different perspectives, which has led to the development of several sub-communities. The aim is to bring together researchers and practitioners from different areas of computational mathematics and computer science and to offer a platform for interdisciplinary applications in different areas of science and technology. In this way, *Algorithms* may become a forum for the exchange of new stimulating ideas between the different sub-communities working in the area of algorithms and their applications and the presentation of high-quality novel algorithmic approaches.

Editor-in-Chief

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