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Explainable Artificial Intelligence: Concepts, Techniques, Analytics and Applications

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Message from the Guest Editors

This Special Issue explores the latest advancements in XAI, fostering collaboration and innovation in developing more explainable and reliable AI systems.

Topics of Interest:

1. Bio-inspired methods, deep learning, convolutional neural networks, hybrid architectures, etc.
2. Time series analysis, fractional-order controllers, gradient field methods, surface reconstruction, and other mathematical models for intelligent feature detection, extraction, and recognition.
3. Embedded intelligent computer vision algorithms.
4. Human, nature, technology, and various object activity recognition models.
5. Hyper-parameter learning and tuning, automatic calibration, and hybrid and surrogate learning for computational intelligence in vision systems.
6. Intelligent video and image acquisition techniques.



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Special Issue



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Message from the Editor-in-Chief

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