

## Special Issue

# Intelligent Approaches for Solving Software Problems with AI Techniques, 2nd Edition

### Message from the Guest Editors

Artificial Intelligence (AI) technology, especially multimodal AI and Large Language Models (LLM), has been rapidly advancing in recent years. This progress has brought innovative changes to traditional software development and methods of solving software problems. These AI technologies can understand and process various forms of data, integrating these forms of data to produce new analyses and outcomes. Therefore, we aim to discuss intelligent approaches to solve existing software problems using these rapidly evolving AI technologies. While these latest AI technologies are improving our lives in various ways, they come with several limitations and challenges. For instance, the integration and optimization of multimodal AI systems requires significant technical complexity, and LLMs sometimes produce uncertain information. Additionally, models based on the latest AI technologies demand substantial data and training costs for software operation. Thus, continuous research and development are essential to effectively utilize these latest AI technologies.

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