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Abstract

The proceedings contain 401 papers. The topics discussed include: automated construction of 3D model knowledge graphs and knowledge extraction using large language models; the research and design of an intelligent tour guide car for micro-scenarios; research on image encryption algorithm based on dual chaos and bit planes; data acquisition and diagnosis system of automatic cylinder filling system based on real-time ethernet; research on network intrusion detection enhanced by multi-scale spatiotemporal residual networks; improving YOLOv8s through attention mechanism for steel surface defect detection; implementation of joint generation of dynamic traffic scenarios by AI agent and CARLA; and a stacking ensemble approach for MRI-based brain tumor classification using deep learning.



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