Editorial

We release the last issue of the sixteenth volume of the **Journal of Networking Technology** with the following papers.

In the opening paper, "**AI-Driven Music Composition Using Recursive Neural Networks**," the author introduced an AI-driven digital music creation system based on recursive neural networks (RNNs), designed to automate and enhance the music composition process. The study outlines the neural network's architecture, training process, and the use of activation functions, such as Sigmoid, alongside feature selection and data preprocessing techniques to enhance performance. The system demonstrates strong potential for applications such as music education and live performance, though challenges remain in conveying emotional depth and fostering creative diversity.

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In the following paper, "**Digitisation and Analysis of Sports Training Trajectories Using Dimensionality Reduction**", the author outlined an innovative method for digitising and analysing sports training trajectory data using the mean-shift algorithm combined with colour histogram features for robust motion tracking. The author used the mean shift algorithm for its non-parametric nature and resilience to object deformation, rotation, and speed variations, which is used to track athletes' motion paths by leveraging consistent colour features across video frames.

In the last paper, "**Optimizing Agricultural Harvesting with a PLC-Based Robotic Arm**," the authors presented an electrical control system for a harvesting robotic arm that integrates Programmable Logic Controller (PLC) technology with the Particle Swarm Optimization (PSO) algorithm. Experimental results obtained in this work showed that the PSO-enhanced system significantly improves harvesting accuracy, reduces errors, especially under challenging conditions such as intense light, and increases overall operational efficiency. The approach enables precise, adaptive fruit picking while preserving produce quality, showcasing the potential of intelligent algorithms combined with industrial automation in agricultural robotics.

We hope that these papers mark significance and technical elegance.

Editors