

Editorial

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

In the opening paper, “**Algorithm-based Approach for Precise Sports Training Data Extraction without Intervention,**” the authors studied the sports movement trajectory data capturing technique based on the mean shift algorithm to overcome the challenges of collecting information in complex environmental conditions and high-speed movements. This study used a framework with 51 degrees of freedom and 16 joints to collect and analyse trajectory information during training and perform corresponding dimensionality reduction. The experimental results demonstrate that this method effectively captures the joint activities of athletes, making sports movement training trajectory data more accurate.

In the following paper, “**A Language Assessment System using Deep Neural Networks and Facial Expression Recognition,**” the authors developed a college English teaching evaluation model founded on deep learning neural networks. It achieves emotion classification via facial recognition of students and integrates this with a standard distribution evaluation model to assess students’ attitudes toward English teaching quality. Data analysis reveals that the proposed model significantly enhanced the accuracy of emotion recognition and classification rates.

IN the last paper, “**Multimodal Music Emotion Classification via Stacking-Based Fusion of Audio and Lyric Features with Transfer Learning,**” the authors proposed a novel multimodal music emotion classification algorithm that integrates audio and lyrical features to overcome the limitations of single modality approaches. The experimental results confirm that the method effectively mitigates data heterogeneity and over-fitting via 5-fold cross-validation and addresses challenges in classifying “relaxation” by leveraging complementary audio lyric cues.

We hope that the published research in this issue marks a significant milestone.

Editors