



Action Recognition and Tracking Using Deep Learning

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Message from the Guest Editors

Dear Colleagues,

This Special Issue addresses the innovative developments, technologies, and challenges related to action recognition and tracking using deep learning. It seeks the latest findings from research and ongoing projects. Additionally, review articles that provide readers with current research trends and solutions are also welcome. Potential topics include, but are not limited to, the following:

- Action recognition and tracking model;
- Lightweight model for action recognition and tracking model;
- RGB-based action recognition model;
- Skeleton-based action recognition model;
- Spatiotemporal action detection task;
- Action segmentation task (weakly supervised or unsupervised) ;
- DeepFake detection;
- Video generation task;
- Video noise reduction;
- Deep video compression;
- Smart surveillance.





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Message from the Editor-in-Chief

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