

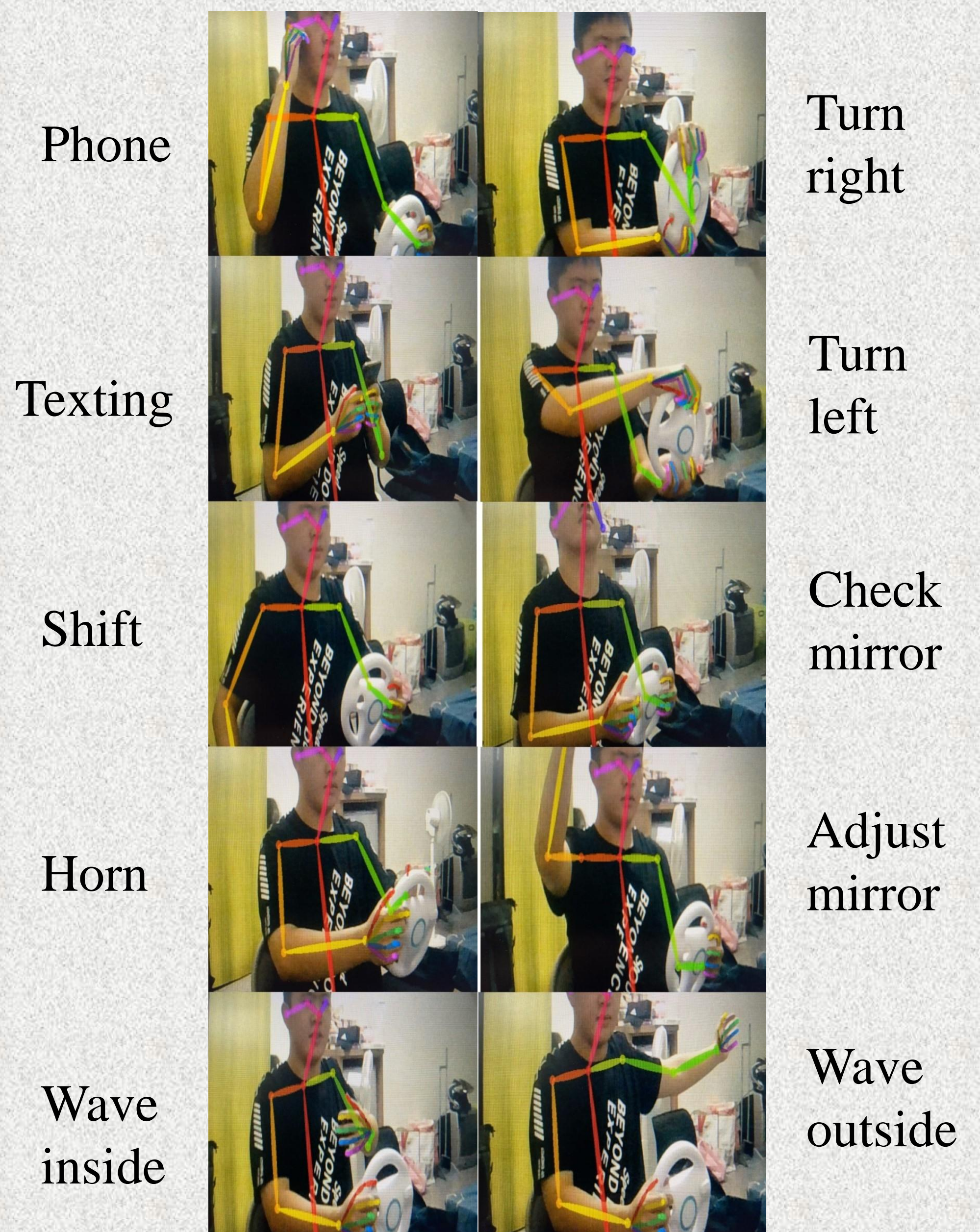
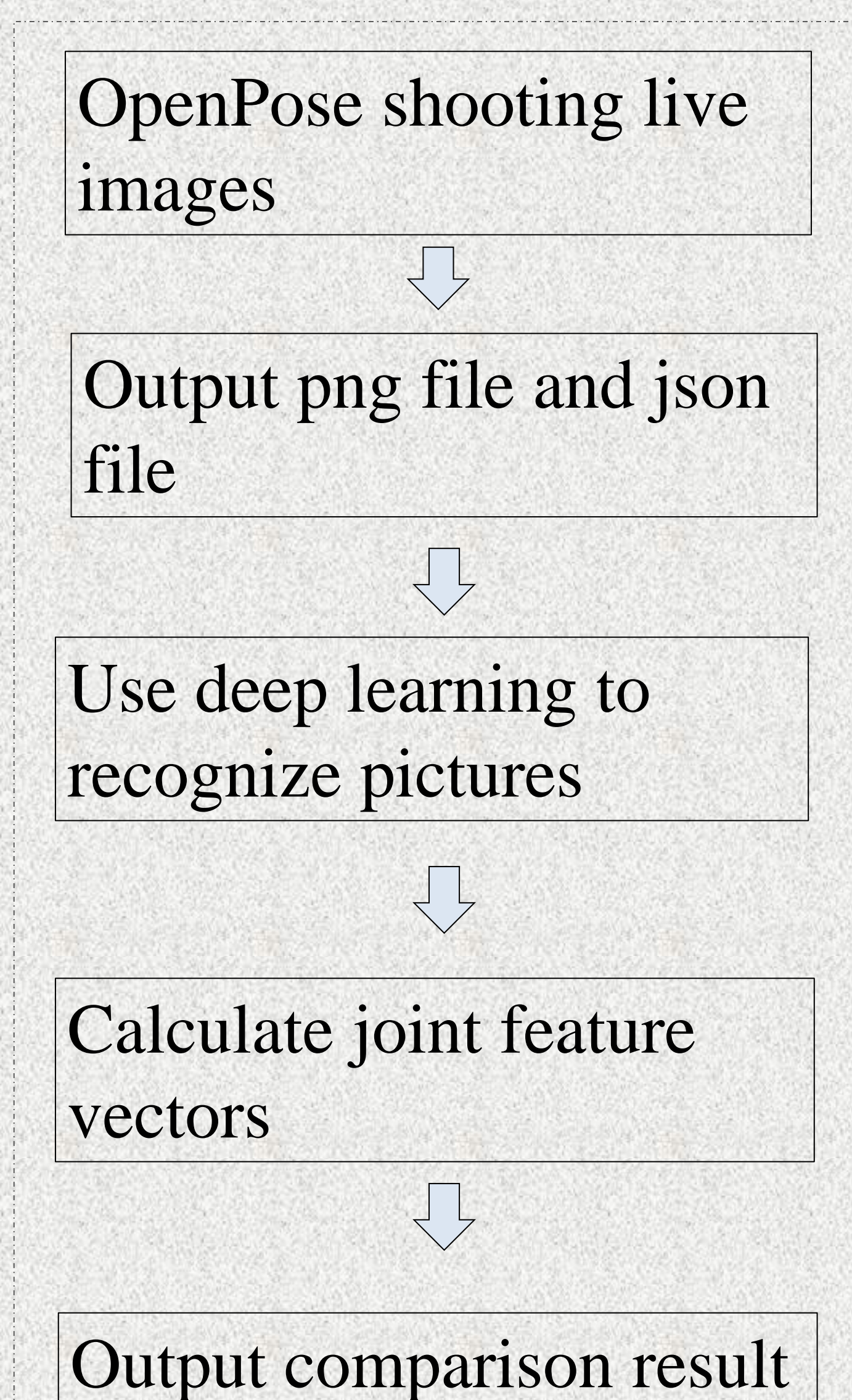
Driving behavior recognition system based on OpenPose

Department / Department of Information and Telecommunications Engineering

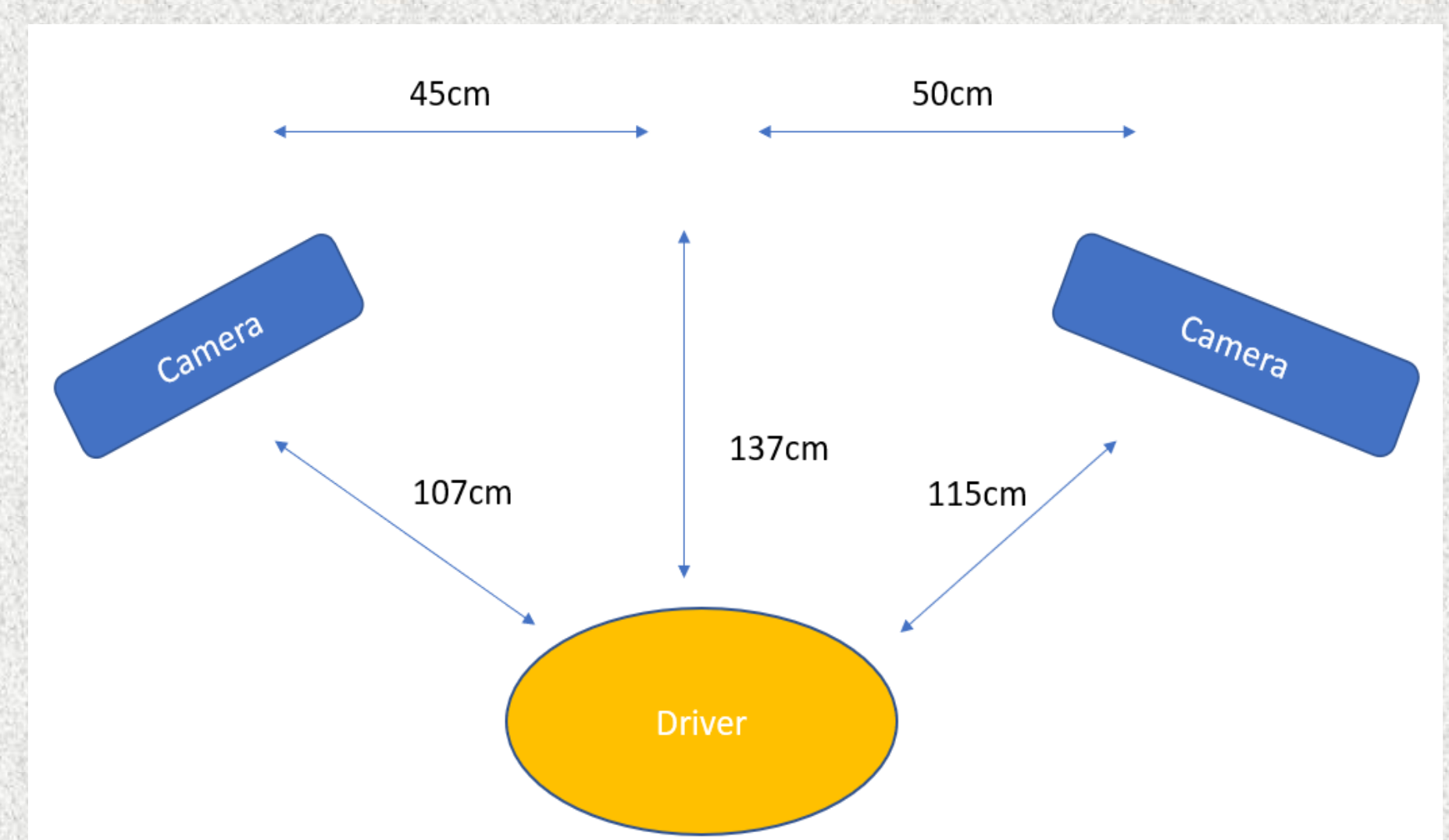
Instructor / Li Dongliang

Team member /Ying-de Wu,Bo-Wen Huang,Chih-Yu Chuang, Tseng Chen

This research focuses on the ten major actions that driving in a car, using the human joint point detection system OpenPose and different angle lenses to identify the position of human joint points. Deep learning uses convolutional neural network recognition to train the recognition system. The system generates images and trains them to give the system memory to recognize the actions at the time of driving and achieve a good recognition accuracy rate.



Driving behavior examples



Lens and shooting position



Department of Information and Telecommunications Engineering

