

## オプティカルフローによるパーソナルビークルの走行状況検知

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## Running State Detection of Personal Vehicles on Optical Flow

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This paper proposes the technique for detecting running state of Segway personal vehicle. In the method we detect and analyze optical flows from dynamic scene of the camera mounted on the handle bar and find angle average and vector average of optical flow, so the running state is detected by tracking the posture of the camera.

Keywords: Segway. Optical flow. Detecting running state.