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Lane Line Detection using OpenCV

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Abstract: *Many modern transportation systems use lane detecting systems, which are crucial components. Nevertheless, because of the various road conditions, it is a challenging task to implement. Humans employ their optical vision during vehicle operating to manoeuvre the vehicle. The creation of an open cv-based automatic lane detection system is one of the requirements for a self-driving car. Computer vision is a technology that enables cars to understand their surroundings and recognise the things in the video image. It is a subfield of artificial intelligence that enables software to comprehend the information of images and videos. The front of the vehicle has a camera that records the view of the road and can identify lane markings. There have been presented a number of techniques for locating lane markings on the road.*

Keywords: Lane System

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