Nowadays, driving support systems, such as car navigation systems, are getting common, and they support drivers in several aspects. It is important for driving support systems to detect status of driver’s consciousness. Particularly, detecting driver’s drowsiness could prevent drivers from collisions caused by drowsy driving. In this paper, we discuss a system and a method for detecting driver’s drowsiness, which uses the Image processing and Fuzzy logic to detect Driver’s drowsiness.
Development of a drowsiness warning system based on the fuzzy logic

Algorithm for Commercial Vehicle Driver Drowsiness Detection." IEEE Intelligent Vehicles Symposium Istanbul, Turkey, June 13-15
- Face Detection Using Colour Thresholding and Eigen Image Template Matching.

**Index Terms**

Computer Science

Information Systems

**Key words**

Drowsiness warning system

Vehicle safety

Image processing

Fuzzy logic inference