A Novel Method for Identifying the Drowsiness while Driving

International Journal of Computer Applications
Foundation of Computer Science (FCS), NY, USA

Volume 132
Number 13
Year of Publication: 2015

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10.5120/ijca2015907611
{bibtex}2015907611.bib{/bibtex}

Abstract

This algorithm gives insight into the possible technique to recognize the state of the eye whether open or close. The algorithm explores the various features of the eyes when in closed and in open states. Using this feature, the decision is made whether the state of the eye is closed or open to detect drowsiness while driving.

References

5. Ijaz Khan, Hadi Abdullah and Mohd Shamian Bin Zainal, “Efficient Eyes And Mouth Detection Algorithm Using Combination Of Viola Jones And Skin Color Pixel Detection”, University Tun Hussein Onn Malaysia, June 2013. Volume 3, No. 4

**Index Terms**

Computer Science  
Pattern Recognition

**Keywords**

Close eye, Eye State, Eyelids, Iris, Open eye.