

OCULAR HANDLED VIRTUAL MOUSE USING HAAR CASCADE ALGORITHM

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ABSTRACT

Gesture-controlled laptops and computers have recently began to rise among the people. Using eyes in front of our computer or laptop paves us to control many of its operations. Eye controlled mice are most natural and effortless manner of communicating with the computer. The camera's output will be displayed on the monitor. The concept is to use simple camera instead of a classic or standard mouse to control mouse cursor functions. The Virtual Mouse provides an infrastructure between the user and the system using only a camera. It allows users to interface with machines without the use of mechanical or physical devices, and even control mouse functionalities. This study presents a method for controlling the cursor's position without the need of any electronic equipment. While actions such as clicking things will be carried out using various eye movements.