Review of a dynamic hand gesturerecognition system for controlling VLC media player

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Abstract:

A low cost system which uses dynamic hand gesture recognition technique to control the VLC media player. This application contains a central computation module which segments the foreground part of the frame using skin detection and approximate median technique. The recognition of gesture is done by creating a Decision Tree that uses various features extracted from the segmented part. This hand gesture recognition technique introduces a new, natural way to interact with computers.