Abstract

This paper presents a brief study of the various techniques that are used to model the intuitive gestures, in particular the gestures involving the hands. Here we study mainly three techniques: Haar Classifiers, Hidden Markov Model & Vision Based Tracking Using Color Markers. We also design a gesture based interaction system using vision based tracking using color markers to interact with the computer. The system uses both static & interactive gestures.
References

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Index Terms

Computer Science

Hpc Applications
Modeling of an Intuitive Gesture Recognition System

Keywords
Gesture Recognition  Haar Classifiers  Hidden Markov Model  Vision Based Tracking Using Color Markers
Gesture Based Interface For Human Computer Interaction