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.
Modeling of an Intuitive Gesture Recognition System

References

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Index Terms

Computer Science

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