Abstract

With the advancement of technology particularly the Human Computer Interaction (HCI), life has become easier and more comfortable. Taking the advantage of HCI we present a concept of Touchless Virtual Hand (TVH) to aid users a new and cheap way of experiencing multi-touch capabilities, without the need of expensive hardware or software. Our proposed Touchless Software Development Kit (SDK) incorporates a convenient Bengali Word Recognition System with the application of thrilling potential of SixthSense technology that can superimpose the digital information on the physical world. We use RGB color model for this application that can effectively enable the users to interact the physical world with the digital world.

References


**Index Terms**

Computer Science Information Sciences

**Keywords**

Bicubic Interpolation RGB Color Model SixthSense Technology Touchless Writer

Touchless Virtual Hand
Virtual Hand Gaming

Virtual Image Zooming.