Abstract

Human Computer Interaction is one of the most exciting fields in modern user interface design. For many applications, it engenders an ease of use and intuitive tactile response that is unparalleled. It augments the digital world with real time applications allowing users to access the digital information by making computer more compliant to the user’s needs. Despite the new iterations of technology the two button mouse has continued to remain a predominant means to interact with a computer. Our aim is to enable interaction with a computer without attaching a hardware mouse. The components of SixthSense Technology have been used for the implementation of an invisible mouse.
- Design and Implementation of a Mouth-Controlled Mouse Chu-Hsing Lin, Shang-Sheng Yang, Jeng-Heng Chen and Yi-Zhu Cao National Science Council under the grant NSC99-2221-E029-034-MY3.
- GESTURE BASED OPERATING SYSTEM CONTROL Yuvraj V. Parkale Electronics and Telecommunication Department College of Engineering, Malegaon (Bk), Maharashtra, India 2012 Second International Conference on Advanced Computing & Communication Technologies.
- The Camera Mouse: Visual Tracking of Body Features to Provide Computer Access for People With Severe Disabilities Margrit Betke, Member, IEEE, James Gips, Member, IEEE, and Peter Fleming IEEE TRANSACTIONS ON NEURAL SYSTEMS AND REHABILITATION
Analysis of Cursor Movement using SixthSense Technology

ENGINEERING, VOL. 10, NO. 1, MARCH 2002.

Index Terms

Computer Science

Image Processing

Keywords

Sixthsense Technology  Image Segmentation  Skin Detection  Motion Detection.