|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| S.NO | JOURNAL | YEAR | AUTHOR | METHODOLOGY | PROS | CONS | INFERENCE |
| 1 | A Gesture-based Tool for Sterile Browsing of Radiology Images | 2008 | Juan P. Wachs, PhD, Helman I. Stern, PhD, Yael Edan, PhD, Michael Gillam, MD, Jon Handler, MD, Craig Feied, MD, PhD, Mark Smith, MD | * The Tracking Algorithm * Gibson”Image Browser * HandTracking   andOperation Modes | This paper presents “Gestix,” a vision-based hand gesture capture and recognition system that interprets in real-time the user's electronic medical record (EMR) database. | In the in vivo experiment, this interface prevented the surgeon's focus shift and change of location while achieving a rapid intuitive reaction and easy interaction | A hand gesture system for MRI manipulation in an EMR image database called “Gestix” was tested during a brain biopsy surgery. recognition technique based on color and motion fusion. |
| 2 | Vision Based Hand Gesture Recognition | 2009 | Pragati Garg,  Naveen Aggarwal ,  Sanjeev Sofat | * 3 D Hand Model * 3 D Imaging control * Robotics plannings | Hand gesture recognition finds applications in varied domains including virtual environments, smart surveillance, sign language translation, medical systems etc | This problem is  sometimes referred to as “gesture spotting” or temporal gesture segmentation | In today’s digitized world, processing speeds have increased dramatically, with computers being advanced to the levels where they can assist humans in complex tasks. |
| 3 | Computer-Vision Based Hand Gesture Recognition and Its Application in Iphone | 2002 | Sören Lenman  Lars Bretzner  Björn Thuresson | * Hand gesture, computer vision * HCI * gesture command * marking menu | We have chosen a view based represent of the hand, include both color and shape. It tracks and the hand poses based on a combine of multi-scale colorviewbasedhandmodels and particle filter. | Different scenario in which a few gestures are used for direct control of common controlling the sound level | A huge upsurge and rapid advancement of radar-based HGR was witnessed in the past decade. This paper reviewed some of the research related to HGR applications using radars. |
| 4 | VisionBased Hand gesture Recognition for robot controlssss | 2010 | Asanterabi Malima Erol Özgür  Müjdat Çetin | * Localizing Hand-like Regions by Skin Detection * Eliminating small false-alarm | we have only considered a limited number of gestures. The segmentation portion technique would need to be used in challenging operating conditions. | we have only considered a limited number of gestures. The segmentation portion of our algorithm technique would in challenging operating conditions. | vision-based hand gesture recognition approach for controlling mobile servicerobot is proposed. MATLAB  real-time image acquisition |