Sign Language Recognition Deing Image Based Haw Aesture Recognition Techniques

sign language is a gesture-based language for communication of deaf and dumb people it is basizally a non-verbal language which deaf & dumb people use to communicate more effortiely. But not evenione knows this languages and it crates a bacrier. various sign carquage systems has been developed by many makers around the world, but they are neither flexible ner cost-effective-for end users. Hence, Here, Indroduced Software which presents a system prototype that is able to automatically sergonize sign largery to help deal & dumb people to communicate In this method, firstly Agguistion of data (camera Interfacing) is lone, then the arraye 15 preprocessed. After - that the

Noise semoral is taking place, then the thresholding. The linage Analysis is danc I the contour is also detected pattern reognation & Gresture Recognition ax dereloping fields of sexarch. Har cystem provides us, innovative, natural way of communications. By considering in mind the similarties of human hand shape with four fraces & one thumbs the Enfware auns to present a real-time system for reagnetion of hard gesture on bours of delations of shape based features like mentation, center of mass conford, finge Sadus etc. thee, the eapturing of amages is done with the help of a webcam. After that applying unage prepracessing steps to semore unwanted noise & adjust the brightness of images, then perform image

converity algorithm to analysis L. capply hand position. Using a extract contour of based opens mage process processor courdous. used to analyze capture software & ME fame sate 20 frames per mágy: Zeze at suond it is a surface of the surface Show or purishasons policy from howers Win got had made it is all done 

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