Abstract

In recent years, sign language recognition has attracted much attention in computer vision. A sign language is a means of conveying the message by using hand, arm, body, and face to convey thoughts and meanings. Like spoken languages, sign languages emerge and evolve naturally within hearing-impaired communities. However, sign languages are not universal. There is no internationally recognized and standardized sign language for all deaf people. As is the case in spoken language, every country has got its own sign language with high degree of grammatical variations. The sign language used in India is commonly known as Indian Sign Language (henceforth called ISL).

References


35. Marco Maisto, Massimo Panella, Member, IEEE, Luca Liparulo, and Andrea Proietti “An Accurate Algorithm for the Identification of Fingertips Using an RGB-D Camera” IEEE Journal On Emerging And Selected Topics In Circuits And Systems, VOL. 3, NO. 2, JUNE 2013


**Index Terms**

Computer Science  
Pattern Recognition

**Keywords**

Sign Language Recognition, Isolated sign recognition and Continuous sign language recognition, 3D tracking system.