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


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Index Terms

Computer Science

Pattern Recognition

Keywords

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