A Low-Cost Motion Capture Corpus in French Sign Language for Interpreting Iconicity and Spatial Referencing Mechanisms

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GIRISA METION



15 signers • 60 sequences per signer • approx. 5h raw data • 14 lexical signs in corpus • 8 linguistic mechanisms distrib. in 6 levels of 10 scenes • BVH & video output files with manual annotation • ongoing post-processing and annotation



Uses & applications

• Recognition of scenes from LSF description such as:



- Deep learning implementation
- Recognition through а pivot language (graph form) opening to various applications such as a base layer for future or a written French learning tool for deaf students