Contents

Editorial

Building interfaces between sign language and the spoken language in natural language is required for better processing systems. In the first paper on **"Fuzzy Rule-Based Hand Gesture Recognition for Bengali Characters"** the authors *Ayshee, Afrin, Hasib, Md. Hossain,* and *Rahman* used image processing and fuzzy rule based system to develop an intelligent system which can act as an interpreter between the Bengali sign language and the spoken language. Using raw images data and developed rules for measuring angles the authors came up with the system and tested it for two letters in Bengali.

In natural language there are many ambiguous expressions which can be given weight to gain optimum processing and retrieval. *Mehreen Saba* and *Imran Sarwar Bajwa* in their work on **"Quantifiers Types Resolution in NL Software Requirements"** have converted these Natural Language sentences into First order logic by attaching weights and classify the complex sentences by using Markov Logic. The system was experimented by them.

Syed Hasan Adil and his colleagues in their paper on **"Cuckoo Search Optimization and Golden Section Search Based Hybridization Scheme to Solve Economic Lot Scheduling Problem Using Basic Period Approach"** have suggested a hybridization scheme to solve Economic Lot Scheduling Problem (ELSP) using basic period approach. They proposed a hybrid approach based on Cuckoo Search (CS) optimization to solve the problem. Through experimentation the authors have found that the hybrid approach is found competitive and efficient in solving Economic Lot Scheduling Problem.

Hope the published research is interesting.

Editors