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Editorial

Consistency is the prime factor in using a language effectively. Perfect communication is the key for a successful information transmission. Realizing this fact the authors *Cheng-Yu Yeh, Kuan-Lin Chen* and *Shaw-Hwa Hwang* in their paper on, “*A Study on the Consistency Analysis of Duration Parameter for Mandarin Speech*” provided a consistency analysis for Mandarin language. They have deployed HMM algorithm through three steps in the procedure for the consistency analysis. The experimental results offer a research direction that the time warping process intra a syllable should be considered in a TTS system to improve the speech quality.

Lilia Lazli, Mounir Boukadoum, Abdennasser Chebira and Kurosh Madani in their paper on, “*Using a New Hybrid Models for Speech and Medical Pattern Classification*” have found interesting correlation between two hybrid approaches speech recognition and medical diagnosis. They have compared the performance obtained with Multinetwork RBF/LVQ structure, and Hybrid HMM/MLP system using a Multi Layer-Perceptron (MLP).

In the next paper, the authors *Prasanna Bagade, Ashish Chandra* and *Aditya B.Dhende* have described the design of a monitoring tool using Cassandra applications and the results generated inferential statistics and graphs. Further they visualized the application for low end machines as they are cost effective.

In the last paper, the authors *Hadj Seyd, Lanezt, M. L. Belfar, T. Gharib, A. Kemassi* and *F.Ben Brahim* have developed a software to predict the value of yield and distribution coefficient in the process of reactive liquid-liquid extraction of chemicals components, using mathematical models. They have used Delphi to have workable solutions.

Thus, this issue with the above four papers have contributed to the linguistics processing using computational approach in a well structured way.

Editors