

Editorial

We are pleased to release the third issue in the seventh volume of the **Journal of the Electronic System**.

In the first paper on “**Research on Computer Digital Signal Processing Network based on the RBF Neural Network**” the author *Wenfu Zhang* has studied the effect of genetic algorithms in terms of speaker recognition, and proposed a set of related technologies using genetic algorithm to improve computer-aided optimization of voice processing solution. The author has found that the RBF network plays a very important role obtained in the clustering process, combined with improved adaptive genetic algorithm to optimize the design of the network training algorithms and the simulation results obtained found to be valid.

Lei Zhang, Cunlu Dang, Xiaohong Hao, and Suoping Li in their paper on “**An Improved Differential Evolution Algorithm for Economic Load Dispatch Optimization of Power Systems**” proposed an improved differential evolution algorithm for solving economic load dispatch (ELD) problems of power systems. The proposed algorithm has found to reduce the ELD problems in a significant way.

In the last paper on “**On Power Filter Control through Fuzzy-based Representation**” the authors *Mazinan* and *Delkhoon* have designed a fuzzy-based representation for a better quality of power system. They are able to decrease the current harmonics produced by the non-linear loads, to improve electrical power quality from the distribution system.

The papers of this issue are very interesting and contribute to the electronics research.

Editors